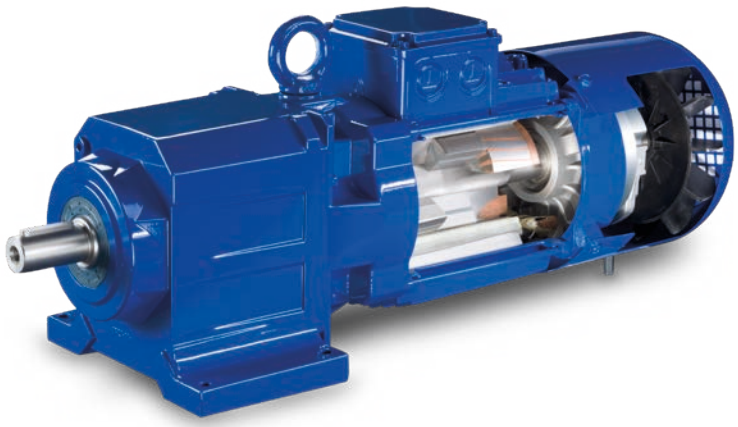
BAUER GEAR MOTOR™

PRODUCT CATALOG



ENERGY EFFICIENT GEARED MOTORS

AC LINE OPERATED/ NORTH AMERICA



RegalRexnord™

Type Designations

BK 50 Z - 1 1 U W A / D.. 09L A 4 - TF - S / ES 010 A 9 HN / C2

B K 50 Z X - 1 1 U W A

- W A = SSV Cover
- W = Double Shaft Seals
- V H = Front and Rear
- V = Flange A or C or Torque Arm front
- H = Flange, A or C or screw-on Torque Arm rear
- U = Foot on down or Torque Arm screwed on in upward direction
- O = Foot on top or Torque Arm screwed on in upward direction
- R = Foot right or Torque Arm screwed on in the direction to the right
- L = Foot left or Torque Arm screwed in direction to the left
- 0 = Splined Shaft acc. to DIN 5480
- 1 = Solid Shaft, front
- 2 = Solid Shaft, rear
- 3 = Solid Shaft, front and rear
- 4 = Hollow Shaft with Keyway
- 5 = Hollow Shaft for Shrink disk connection, rear (Standard)
- 6 = Hollow Shaft for Shrink disk connection, front (Special)
- 7 = Solid Shaft front, flush with Standard-Flange only BG10-BG90 and BS02+BS03
- 8 = Solid Shaft rear, flush with Standard-Flange only BS02+BS03
- 9 = Solid Shaft front and rear, flush with Standard-Flange only BS02+BS03
- 0 = Gear Housing, no surfaces except torque arm bore for BF
- 1 = Gear Housing, Foot
- 2 = Gear Housing, Standard flange diameter 1 small A-Flange
- 3 = Gear Housing, Standard flange diameter 2 Standard A-Flange
- 4 = Gear Housing, Standard flange diameter 3 large A-Flange
- 5 = Gear Housing, with Torque Arm for BK + BS as screw-on
- 6 = Gear Housing, Foot-threaded bores
- 7 = Gear Housing, C - Flange
- 8 = Gear Housing, completely machined
- 9 = Gear Housing, with Footplate only BG (Universal housing)
- - = seperates gear type from gear design
- X = reinforced bearings (radial)
- Z = Gearbox with pre-stage
- •• = Gear Size (03, 04, 05, 06, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100)
- B • = Gear type (BG, BF, BK, BS)

D .. 09 LA 4 - TF - S

- S = rectifier (see chapter 3)
- TF = Motor monitoring (see chapter 3)
- 4 = No. of pole for motor
- LA = Motor core length and design
- 09 = Motor size
- .. = A Aseptic motor
- .. = SE Three-Phase Motor with increased efficiency acc. to IE1
- .. = HE Three-Phase Motor with increased efficiency acc. to IE2
- .. = PE Three-Phase Motor with increased efficiency acc. to IE3
- .. = NF Motor without Gearbox, Motor in flange design
- .. = XE Expl.-Motor with increased safety
- .. = XD Flame Proof
- D = Three-Phase Motor

ES 010 A 9 HN

- HA = Hand Release (lockable)
- HN = Hand Release (none lockable)
- 9 = Code for setting torque
- A = Design
- 010 = Brake size
- ES = Single disk brakes - HOLDING BRAKE
- ZS = Double disk brakes - HOLDING BRAKE
- ESX = Single disk brakes - WORKING BRAKE
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Energy Efficient Geared Motors

Bauer Gear Motor - profile

Innovation since 1927

During its 90-year history, Bauer Gear Motor has developed to become the preferred international provider of high-quality and extremely reliable geared motors. A great deal of knowledge has been accrued over the decades, and this has continually been built upon and shared. Bauer has pioneered many new geared motor solutions and will continue to do so in the future. Our engineers develop technically-advanced solutions that feature energy-efficient motors paired with optimal gearboxes so that we can offer our customers the lowest possible operating costs. It is not without reason that the Bauer brand has become world famous; this is because our geared motor solutions are the driving power in drive technology.

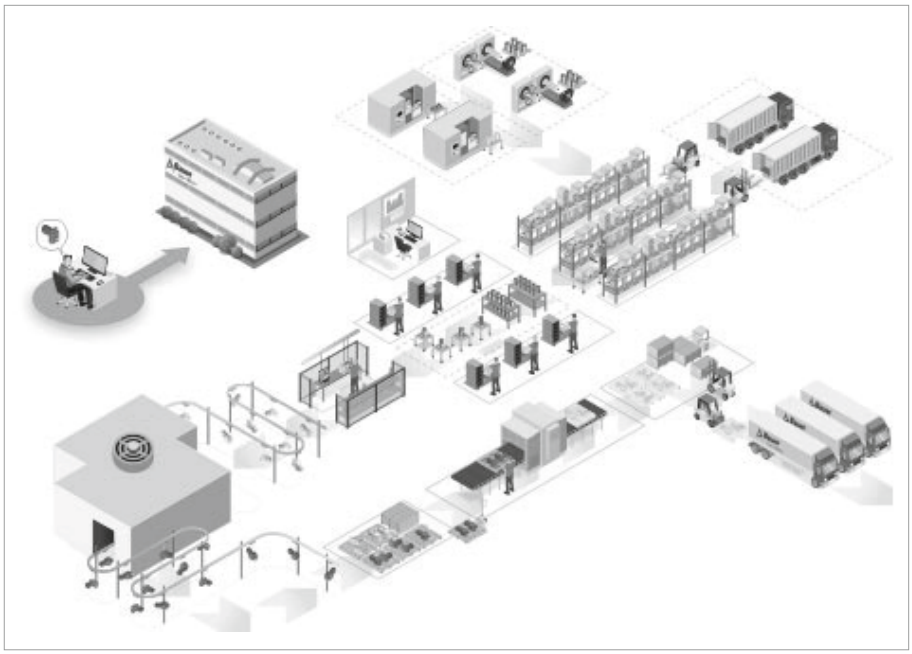


Competent and customer-focused

We see ourselves as the value adding partner for individual drive technology solutions along the entire customer value chain **... Uncomplicated ... Competent ... Enduring**. With our global sales and expertise, we are there to support you side by side- right from the design of your drive. Our employees will ensure that you have the optimum geared motor solution for your application

Our quick response time to requests ensures that you receive the required offer within 24 hours. After your order has arrived, we check your order details and you will receive a confirmation of the order within 24 hours. This means that you will have the details for your own production planning process by the following day.

As we concentrate our production in regional factories, we are also able to deliver customised solutions from the factory reliably and directly, with an extremely short delivery period.



Closer to the customer‘s needs thanks to greater flexibility

Orders are processed immediately and passed on to our production team. By reducing set-up times, we are able to start producing the order specific parts right away. This is synchronised with assembly, ensuring that the parts are available according to just-in-time principles.

The entire manufacturing processes starting from the production of the motor, the mechanical geared motor parts and the electrical components, are perfectly coordinated to ensure greater process reliability and availability. This means that a high delivery reliability of over 95% can be achieved, while maintaining Bauer‘s high quality.

The product range



Energy Efficient Geared Motors

Bauer Gear Motor - profile

Helical Geared Motors

- Power range from 0.03 kW to 75 kW
- 13 gear sizes for torques ranging from 20 Nm to 18500 Nm
- New attachment possibilities with low design height
- High efficiency through 2-stage base design
- High protection rating of IP65 as standard

Shaft Mounted Geared Motors

- Power range from 0.03 kW to 75 kW
- 10 gear sizes for torques ranging from 90 Nm to 18500 Nm
- Gearbox housing with integral torque arm
- High efficiency through 2-stage base design
- High protection rating of IP65 as standard

Bevel Geared Motors

- Power range from 0.03 kW to 75 kW
- 10 gearbox sizes for torques ranging from 80 Nm to 18500 Nm
- Right angle with universal, space-saving mounting options
- High efficiency through 2-stage base design
- High protection rating of IP65 as standard

Worm Geared Motors

- Power range from 0.03 kW to 5.5 kW
- 8 gearbox sizes for torques ranging from 25 Nm to 1000 Nm
- Hollow shaft version available from 25 Nm
- Heavy duty worm gearing for a long service life
- High protection rating of IP65 as standard

Monorail Geared Motor Drives

- Torque rating from 30 Nm to 680 Nm
- Radial force up to 25,000 N
- Gearboxes with a wide range of mounting options
- High protection rating of IP65 as standard
- Improved efficiency
- low energy consumption - ideal for travel drives
- Reverse motion of gearbox possible with released brake

AsepticDRIVE

- Motor without cooling ribs and fan
- Available with helical, shaft-mounted, bevel and worm gearboxes
- Motor winding with thermistors and ISO class F as standard
- IP67 and IP69K protection ratings with alkali and acid-resistant coating as standard.
- Motor connection through standard, round stainless steel connector

CleanDRIVE

- Motor without cooling ribs and fan
- Available with helical, shaft-mounted, bevel and worm gearboxes
- Motor winding with thermistors and ISO class F as standard
- Motor connection through a standard terminal box or stainless steel cable gland

HiflexDRIVE

BK04 gearbox

- Torque	80 Nm
- Gear reductions	7.25 – 63.33

BK08 gearbox

- Torque	200 Nm
- Gear reductions	4.44 - 102.5

BK17 gearbox

- Torque	330 Nm
- Gear reductions	4.54 - 108.6

Motors

- Output power	0.12 kW ... 3.0 kW
- Efficiency classes	no rating and IE1 to IE4
- Enclosure	IP65 (standard) IP67 / IP69K (optional)

Energy-efficient motor solutions

Mains Supply

■ IE1 asynchronous technology	0.12 kW – 30 kW
■ IE2 asynchronous technology	0.12 kW – 22 kW
■ IE3 asynchronous technology	0.12 kW – 37 kW
■ IE4 asynchronous technology	0.55 kW – 4 kW

Inverter Duty

■ IE3 PMSM-technology	1.5 kW – 15 kW
■ IE4 PMSM-technology	0.55 kW – 11 kW

Energy-efficient motor solutions for explosion hazard areas

The S series in permanent magnet synchronous motors (PMSMs) offers variable-speed geared motors in efficiency class IE4 for use in explosion hazard areas[1].

■ Design torque M_N:	5 Nm – 48 Nm
■ Rated power P_N:	0.75 kW – 15 kW
■ Increased safety for zone 1	II 2 G Ex e IIC T1 - T3 Gb
■ Dust explosion protection – Zone 21	II 2 D Ex tb IIIC T 160°C ... 120° Db

[1] Individual motor designs can show lower efficiency classes than IE4 at rated torque.

EtaK2.0 Decentral Solutions

- PMSM enabled
- Integrated safety technology and field bus communication according to specific needs
- Modular structure minimises spare parts stock
- Energy savings of up to 30 % possible under partial load conditions
- Suited to extremely harsh environments thanks to IP65 enclosure rating
- 200 % overload current (3 s)
- Sensorless vector control
- CANopen, Profibus, Profinet, EtherCAT, EtherNet/IP and AS-Interface
- STO safety function

Energy Efficient Geared Motors

Bauer Gear Motor - profile

Submersible Solutions

- **Special sealing concepts** for maximum leakage protection
- **Reinforced bearings** for higher strength and longer service life
- **Shafts** available on request in V4A steel or coating
- **Motor Connection**
  - Standard with cast terminal box
  - Optional with special plug connection
- **Additional features**:
  - Special design for continuous submersible operation
  - Electronic leakage detection available on request
  - Brakes available in IP68 design
  - Water depths of 5m (deeper on request)
- **Corrosion category Im2** based on DIN ISO 12944-5

Customised geared motor solutions for all applications

- Special applications
- Special adaptations
- Special environments
- Series production

Based on our modular, geared motor programme, we offer specific solutions for applications in all key markets such as, for example, food & beverage, energy, wastewater, concrete, metals and material handling in applications such as washdown conveyor systems, rolling mills, monorail systems and overhead conveyors, sludge thickeners, cranes, fans and blowers and turbines. Our aim is to provide our customers with products tailored to their needs. At the same time, we take care to ensure that a geared motor solution will prove to be especially profitable throughout its entire life cycle.

We already equip our geared motors with highly efficient permanent magnet motors to achieve low life cycle costs because low energy consumption will be particularly important in the future. We are very confident that we are once again pioneers in this sector

Learn more about Bauer Gear Motor, its products and philosophy at www.bauergears.com.



1

General

Advantages of Bauer-Geared Motors 19
Bauer Gearmotors 19
Bauer Gearboxes 19
Bauer Motors 19
Bauer Brakes 19

Advantages of Bauer-Geared Motors

Bauer Gearmotors

- Low operating costs due to a high total efficiency
- 2-stage gearbox concept gives a longer lifetime due to a reduced number of moving parts
- Lower servicing costs due to a modular system
- No additonal protective measures (e.g. dusty environment) through the IP65 enclosure as standard
- The electrical design of the motor is matched to the gearbox
- Quick reaction time in emergency situations (Breakdowns etc.) through Fast Assembly Delivery (within 24 hours)

Bauer Gearboxes

- Easy access to the fixation points reduces assembly times and installation costs
- Low servicing costs as the lubrication change results in normal duty with a lubrication temperature of approx. 80 °C first after 15.000 operating hours when using CLP 220 or 25.000 operating hours when using PGLP 220 / PGLP 460
- 2-stage gearbox concept reduces the spare part stocking
- A variety of attachment possibilities (Foot, Flange, Solid and Hollow shafts, Torque arms)
- Sealed housing design reduces the risk of oil leakage and increases the oil lifetime
- The large housing volume allows usage in very harsh environments

Bauer Motors

- Dust tight and hose Proof IP65 Construction
- Low installation costs through CAGE CLAMP® instead of the classical terminal block connection cost effective
- All efficiency classes in the same motor frame size. No size increase
- A variety of additional designs (connectors, brakes, backstops, rain covers, forced cooling, encoders etc.)
- Cost reduction of connection cabling and avoidance of additional protective elements (chokes, filters etc.), through built-on inverters
- Ideal for frequency inverter duty through insulation class F as standard
- Advantages of enercy efficient motor solutions

Bauer Brakes

- Low servicing costs through long lifetime of the brake discs (without adjustment)
- Brake-Motor correlation tailor made to the application by virtue of on average three brake sizes per motor size
- A variety of designs (lockable and non-lockable hand release, microswitch, heater)
- Robust design for heavy duty applications
- Enclosure IP65 as standard
- Very high wear resistance



2

Product Description

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Installed positions of geared motors 23
Notes on safety 23
Guards for rotating parts 23
Touch protection 23
Operating noise 23
Painting and corrosion protection 23
Modular system overview **24**

Installed positions of geared motors

Bauer geared motors can be supplied for any type of fitting position. Vertical installation positions (motor-down) place a particularly severe strain on the shaft seal. It is advisable to avoid this arrangement especially at high motor speeds (e.g. above 1800 r/min) and continuous operation

Notes on safety

See the notes on safety regarding installation in Operationg Indstructions.

Guards for rotating parts

The shrink disk (SSV) guards required under the German law relating to technical materials (Law Concerning Industrial Equipment - Equipment safety law GPSG) or by the Accident Prevention Regulations (UVV) are not included in the standard scope of supply because they are fitted by the customer in most cases, or the risk of accident can be eliminated by suitable installation.

See the Operating Instruction.

Touch protection

The fan hoods, via the externally mounted fan wheels, of the entire B2000 motor series fulfil the protection against contact with the standard finger (Ø12 mm).

Operating noise

The typical operating noise levels of BAUER geared motors are within the limits stipulated by VDI directive 2159 for gears and EN 60034-9, Table 2 for motors.

For physical reasons, low-ratio, high-speed gears produce more noise than medium- and high-ratio gears operating at low speeds.

Painting and corrosion protection

BAUER geared motors are spray-painted in RAL 7031 to DIN 1843 as standard. Other RAL colours are available at extra cost.

The output shafts are shipped in protective sleeves or with a protective coating to prevent corrosion.

The prerequisite for achieving a long protection period is the right choice of coating. The coating system from Bauer Gear Motor GmbH, offers suitable and long-lasting corrosion protection for all areas of application.

Category	Loads	Examples of indoor areas	Examples of outdoor areas	Possible IP-Protection class
Standard	Insignificant	Insulated and heated buildings with neutral atmosphere	—	IP54 IP65
C1	Insignificant	Insulated and heated buildings with neutral atmosphere	—	IP54 IP65
C2	Low	Uninsulated and unheated buildings where condensation can occur, e.g. warehouses, sports halls	Atmosphere with low corrosive load, mostly rural areas	IP54 IP65
C3	Moderate	Production rooms with high relative humidity and some air pollution, e.g. facilities for food production, laundries, breweries, dairies	Urban and industrial atmosphere, moderate pollution by sulphur dioxide. Moderate coastal area with low salt pollution	IP65 IP66
C4	Strong	chemical plants, swimming pools, objects above sea water	Industrial and coastal areas with moderate salt exposure	IP65 IP66
C5-I	Very strong (industry)	areas with almost constant condensation and heavy contamination	Industrial areas with high relative humidity and aggressive atmosphere	IP66
C5-M	Very strong (sea)	areas with almost constant condensation and heavy contamination	Coastal and offshore areas with high salt pollution, buildings with almost constant condensation and heavy air pollution	IP66
IM2*	Sea or brackish water	IP68 Underwater Drives	Port areas, lock gates, moles, offshore installations	IP68
Aseptics (proprietary development of Bauer)	Very strong	For indoor and outdoor use with very high environmental pollution and in hygiene-sensitive areas, in each case with high-pressure cleaning with chemical cleaning agents		IP67/IP69K

* The IM2 coating, consisting of modified epoxy resin, is a functional coating. Condensation of air humidity during or immediately after application can lead to a matt surface. The gloss level can therefore vary from drive to drive. Epoxy resins are not UV-resistant and will chalk and yellow when exposed to the elements. However, this does not affect the durability of the coating.

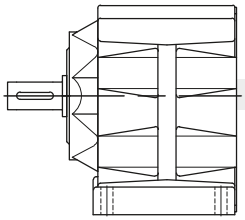
Product Description

Modular system overview

Gear design

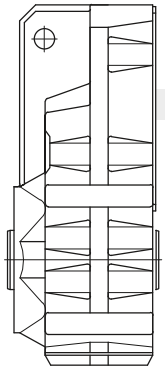
BG

Helical gear



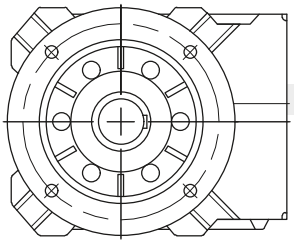
BF

Shaft-mounted gear



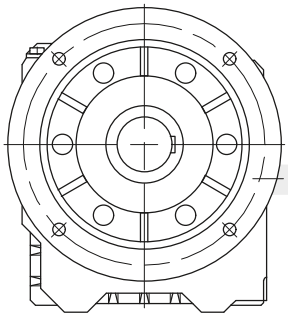
BK

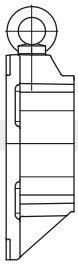
Bevel gear



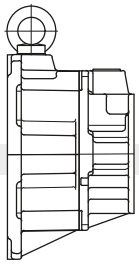
BS

Worm gear

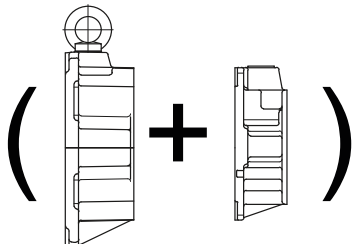




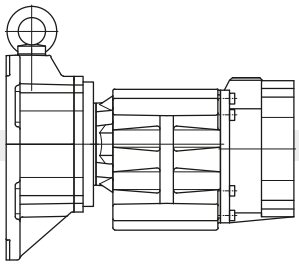
System cover



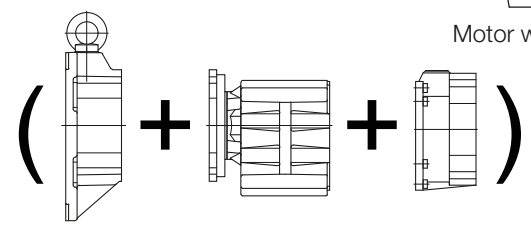
Pre-stage



Pre-stage + System cover

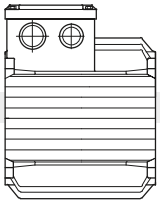


Intermediate gear

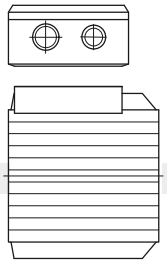


(System cover + Intermediate gear + System cover)

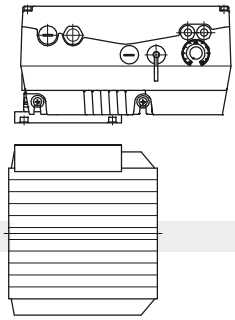
Motor terminal box design



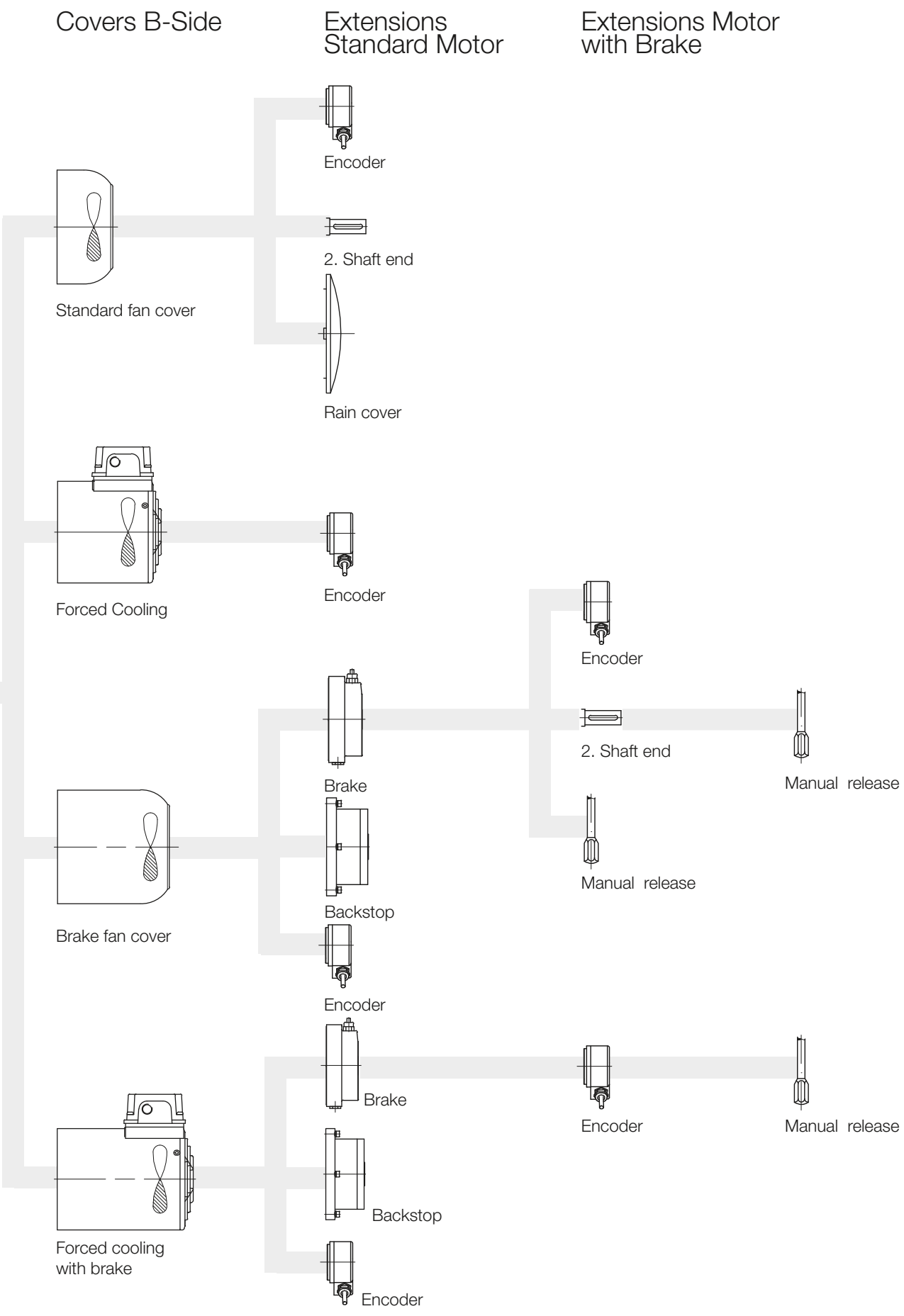
Motor with cast-on terminal box (KAG)



Motor with screwed-on terminal box (TB)



Motor with ETA-K-Converter


Covers B-Side
Extensions Standard Motor
Extensions Motor with Brake
Encoder
2. Shaft end
Rain cover
Standard fan cover
Encoder
Forced Cooling
Encoder
2. Shaft end
Manual release
Brake
Backstop
Manual release
Brake fan cover
Encoder
Brake
Encoder
Manual release
Backstop
Forced cooling with brake
Encoder



3

Type Designations

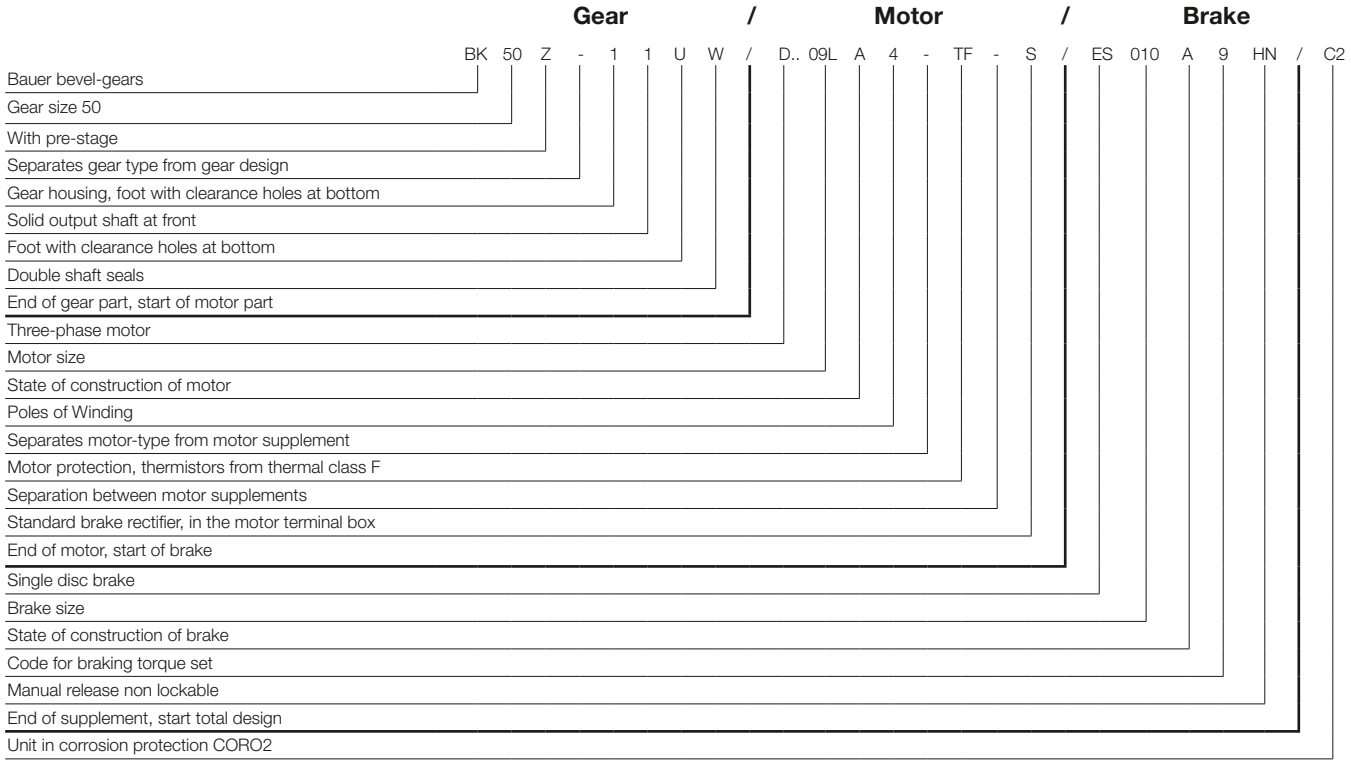
Significance of type designation **29**
BG-series helical-geared motor **30**
BF-series shaft-mounted geared motor **31**
BK-series bevel-geared motor **32**
BS-series worm-geared motor **33**
Codes for gear options **34**
BG and BF series 34
BK and BS series 34
Motor **35**
Three-phase motor 35
Motor protection 35
Brake rectifier in motor terminal box 35
Motor Mounted Components **36**
Brake 36
Reverse rotation block 36
Digital and analogue encoder 36
Second shaft end 36
Forced ventilation 36
Overall design 36

Example: Bauer bevel-geared motor with brake and standard add-ons

Significance of type designation

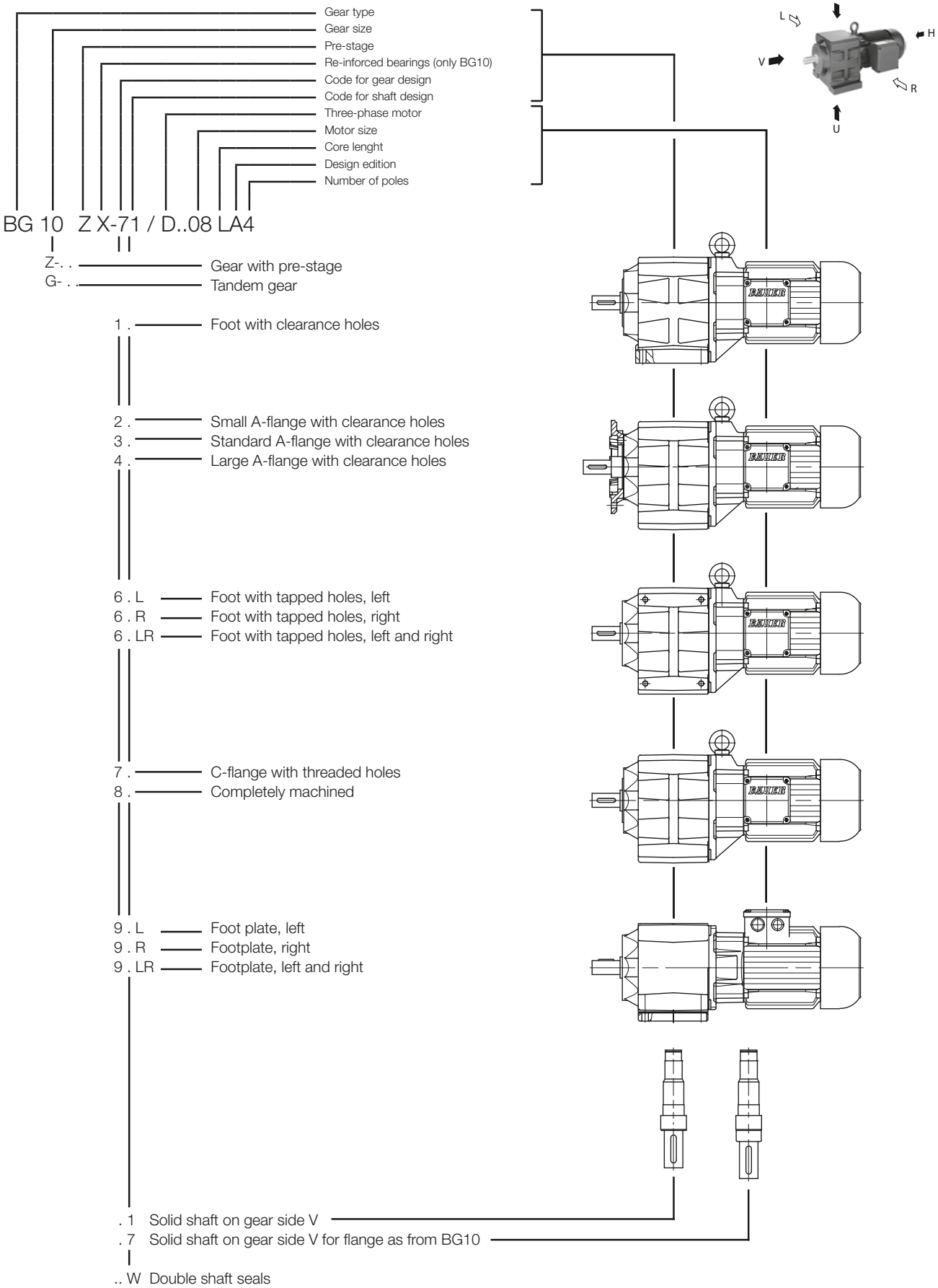
The type designation of a BAUER geared motor is a code designating of almost all features in the drive configuration.

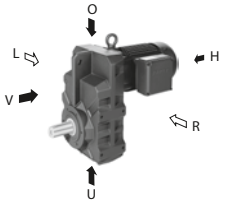
The build-up of the type designation is explained with the help of the following example of a bevel geared motor with brake and series options.



Type Designations

BG-series helical-geared motor





BF 70 Z X-74 / D..11 LA4

- Gear type
- Gear size
- Pre-stage
- Re-inforced bearing (≥BF60)
- Code for gear design
- Code for shaft design
- Three-phase motor
- Motor size
- Core lenght
- Design edition
- Number of poles

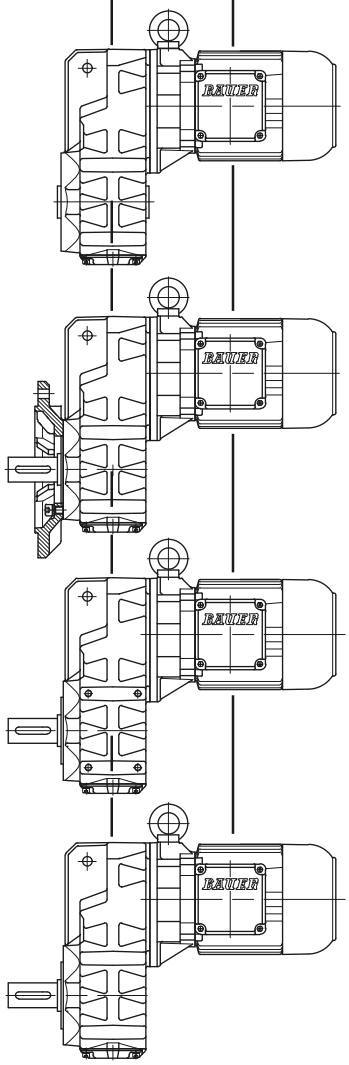
Z-. . — Gear with pre-stage
X- . . — Gear with re-inforced bearing
G-.. — Tandem gear

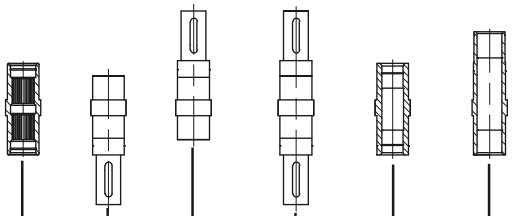
0 . — Cast-in torque arm

2 . — Small A-flange with clearance holes
3 . — Standard A-flange with clearance holes
4 . — Large A-flange with clearance holes

1 . LR — Foot with clearance holes left and right
6 . L — Foot with threaded holes, left
6 . R — Foot with threaded holes, right
6 . LR — Foot with threaded holes, left and right

7 . — C-flange with threaded holes
8 . — Completely machined





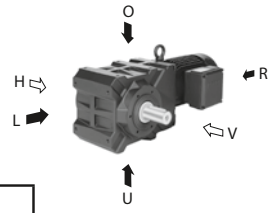
. 0 — Splined shaft acc. DIN 5480
. 1 — Solid shaft on gear side V
. 2 — Solid shaft on gear side H
. 3 — Solid shaft on gear side V und H
. 4 — Hollow shaft with keyway
. 5 — Hollow shaft for shrink disc SSV on gear side H
.. W — Double shaft seals
.. A — Cover for shrink disc SSV

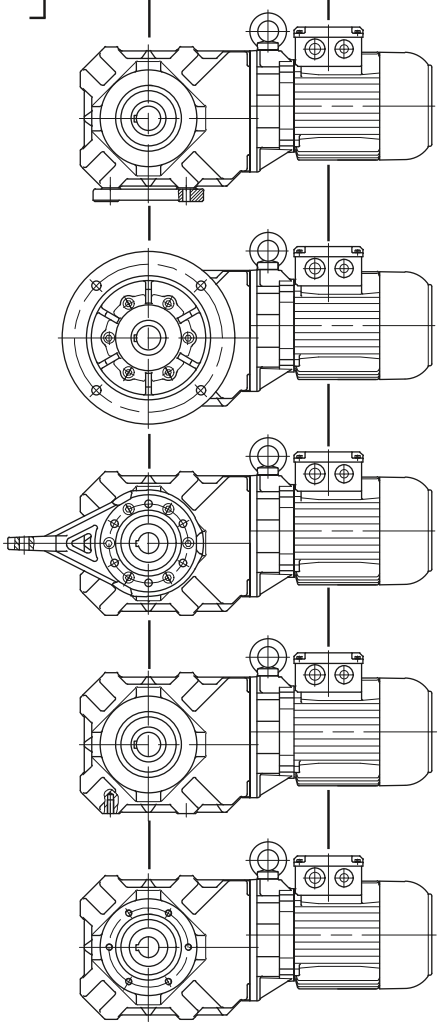
Type Designations

BK-series bevel-geared motor

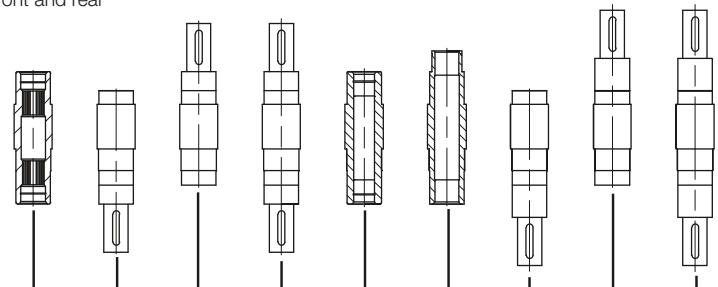
BK 20 Z X-64 / D06 LA 4

- Gear type
- Gear size
- Pre-stage
- Re-inforced bearings (only BK20)
- Code for gear design
- Code for shaft design
- Three-phase motor
- Motor size
- Core lenght
- Design edition
- Number of poles





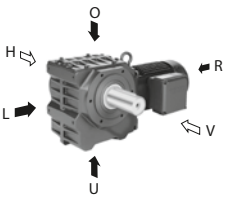
- 1 . U — Foot with clearance holes, bottom
- 1 . L — Foot with clearance holes, left
- 1 . O — Foot with clearance holes, top
- 2 . V — small A-flange with clearance holes , front
- 3 . V — Standard A-flange with clearance holes, front
- 4 . V — large A-flange with clearance holes, front
- . . H — A-flange, rear
- . . VH — A-flange, front and rear
- 5 . V — Torque arm at front
- 5 . VL — Torque arm, front to left
- 5 . VO — Torque arm, front to top
- 5 . VU — Torque arm, front to bottom
- 5 . HL — Torque arm, rear to left
- 5 . HO — Torque arm, rear to top
- 5 . HU — Torque arm, rear to bottom
- 6 . U — Foot with threaded holes, bottom
- 6 . L — Foot with threaded holes, left
- 6 . O — Foot with threaded holes, top
- 7 . V — C-flange with threaded holes, front
- 7 . H — C-flange with threaded holes, rear
- 7 . VH — C-flange with threaded holes, front and rear
- 8 . — Completely machined

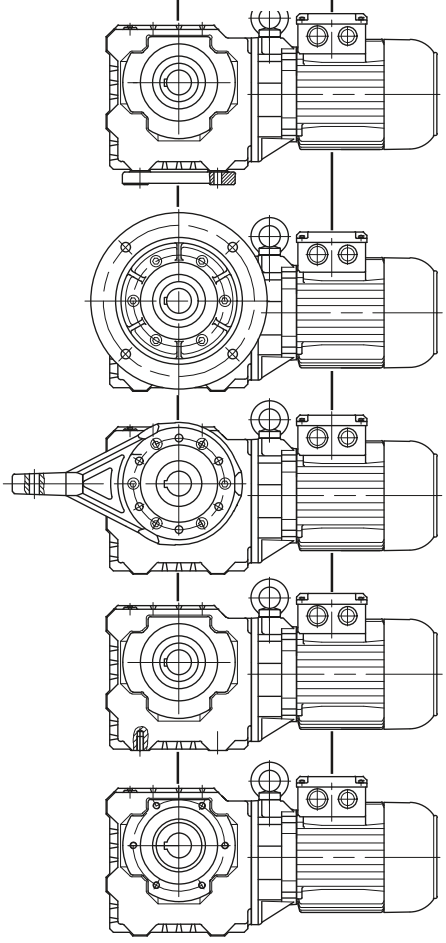


- . 0 Splined shaft acc. DIN 5480
- . 1 Solid shaft on gear side V
- . 2 Solid shaft on gear side H
- . 3 Solid shaft on gear side V and H
- . 4 Hollow shaft with keyway
- . 5 Hollow shaft for shrink disc SSV on gear side H
- . 7 Solid shaft at gear side V for flange (only BK06)
- . 8 Solid shaft at gear side H for flange (only BK06)
- . 9 Solid shaft at gear side V and H for flange (only BK06)
- . . W Double shaft seals
- . . A Cover for shrink disc SSV

Gear type
Gear size
Pre-stage
Code for gear design
Code for shaft design
Three-phase motor
Motor size
Core lenght
Design edition
Number of poles

BS 20 Z X-64 / D..06 LA 4





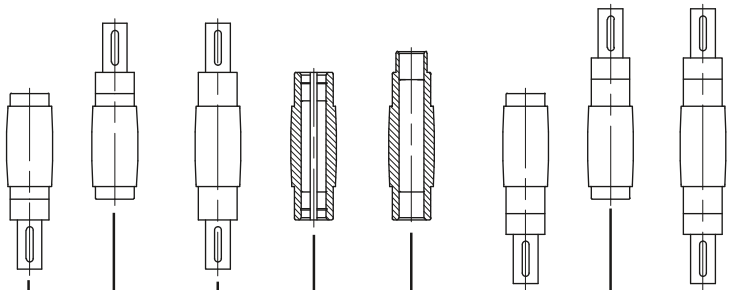
1 . U — Foot with clearance holes, bottom
1 . L — Foot with clearance holes, left
1 . O — Foot with clearance holes, top

2 . V — small A-flange with clearance holes , front
3 . V — Standard A-flange with clearance holes, front
4 . V — large A-flange with clearance holes, front
. . H — A-flange, rear
. . VH — A-flange, front and rear

5 . V — Torque arm at front
5 . VL — Torque arm, front to left
5 . VO — Torque arm, front to top
5 . VU — Torque arm, front to bottom
5 . HL — Torque arm, rear to left
5 . HO — Torque arm, rear to top
5 . HU — Torque arm, rear to bottom

6 . U — Foot with threaded holes, bottom
6 . L — Foot with threaded holes, left
6 . O — Foot with threaded holes, top

7 . V — C-flange with threaded holes, front
7 . H — C-flange with threaded holes, rear
7 . VH — C-flange with threaded holes, front and rear
8 . — Completely machined



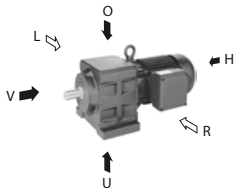
. 1 Solid shaft at gear side V
. 2 Solid shaft at gear side H
. 3 Solid shaft at gear side V and H
. 4 Hollow shaft with keyway
. 5 Hollow shaft for shrink disc SSV
. 7 Solid shaft at gear side V for flange (only BS02 and BS03)
. 8 Solid shaft at gear side H (only BS02 and BS03)
. 9 Solid shaft at gear side V and H (only BS02 and BS03
. . W Double shaft seals as from BS10
. . A Cover for shrink disc SSV as from BS10

Type Designations

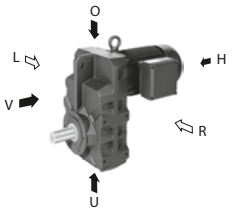
Codes for gear options

BG and BF series

BG series: mounting position H4



BF series: mounting position H4



V = Front
The side of the gear unit facing away from the motor or the source of motive power

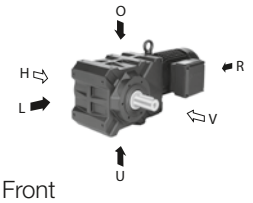
H = Rear
The side of the gear unit facing toward the motor or the source of motive power

L = Left
The left side of the gear unit as viewed from the output shaft side of mounting position B3 for the BG series or mounting position H4 for the BF series

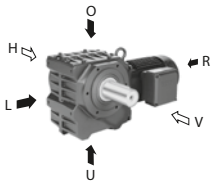
R = Right
The right side of the gear unit as viewed from the output shaft side of mounting position B3 for the BG series or mounting position H4 for the BF series

BK and BS series

BK series: mounting position H1



BS series: mounting position H1



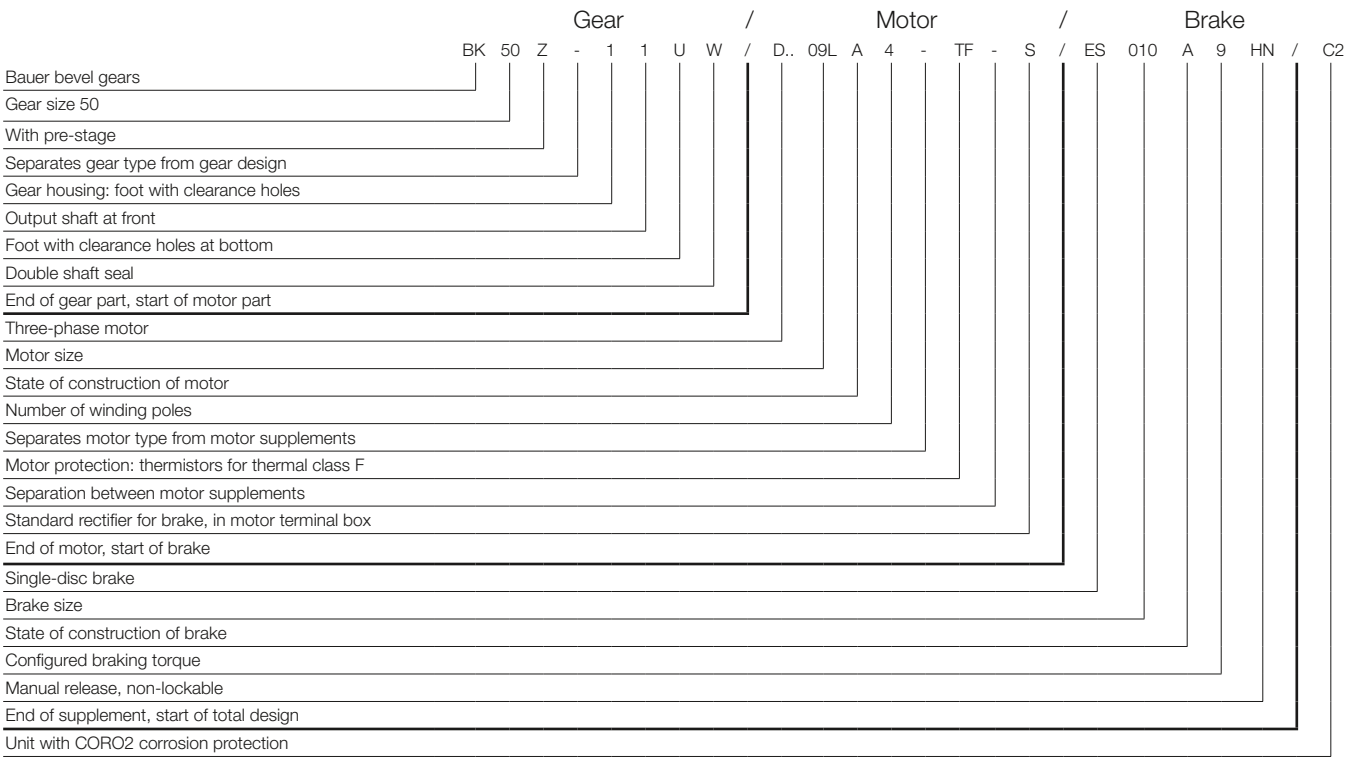
V = Front
The side of the gear unit facing toward the viewer looking toward the unit - mounting position H1

H = Rear
The side of the gear unit facing away from the viewer looking toward the unit - mounting position H1

L = Left
The left side of the gear unit as viewed from the output shaft side of mounting position H1, or the torque arm oriented to the left

O = Top
The top side of the gear unit as viewed from the output shaft side of mounting position H1, or the torque arm oriented upwards

U = Bottom
The bottom side of the gear unit as viewed from the output shaft side of mounting position H1, or the torque arm oriented downwards



Three-phase motor

D	=	Three-phase motor
E	=	Single-phase motor (Steinmetz circuit)
S	=	PM-Synchronous motor
. A	=	Aseptic motor (germ-free drive)
. SE	=	Three-phase motor with enhanced efficiency compliant with IE1
. HE	=	Three-phase motor with enhanced efficiency compliant with IE2
. PE	=	Three-phase motor with enhanced efficiency compliant with IE3
. N	=	Motor without gear unit; foot-mount version
. NF	=	Motor without gear unit; flange-mount version
. R	=	Roller table motor
. XE	=	Explosion-proof motor with increased safety
. XD	=	Explosion-proof motors
. W	=	Torque motor
. L	=	Special rotor for traction and slewing gear motors
. C	=	With main and auxiliary windings; only with single-phase motors (EC....)
. V	=	Multiple voltage ranges (wide voltage range)
. U	=	Unventilated (no forced ventilation)

Motor protection

TB	=	Thermistor 140°
TF	=	Thermistor 160°
TH	=	Thermistor 180°
TEB	=	Thermistor warning/shutdown 120°/140°
TBF	=	Thermistor warning/shutdown 140°/160°
TFH	=	Thermistor warning/shutdown 160°/180°
TOB	=	Thermostatic switch, NC 140°
TOF	=	Thermostatic switch, NC 160°
TOH	=	Thermostatic switch, NC 180°
TSB	=	Thermostatic switch, NO 125°
TSF	=	Thermostatic switch, NO 160°
TSH	=	Thermostatic switch, NO 180°
TX	=	Other

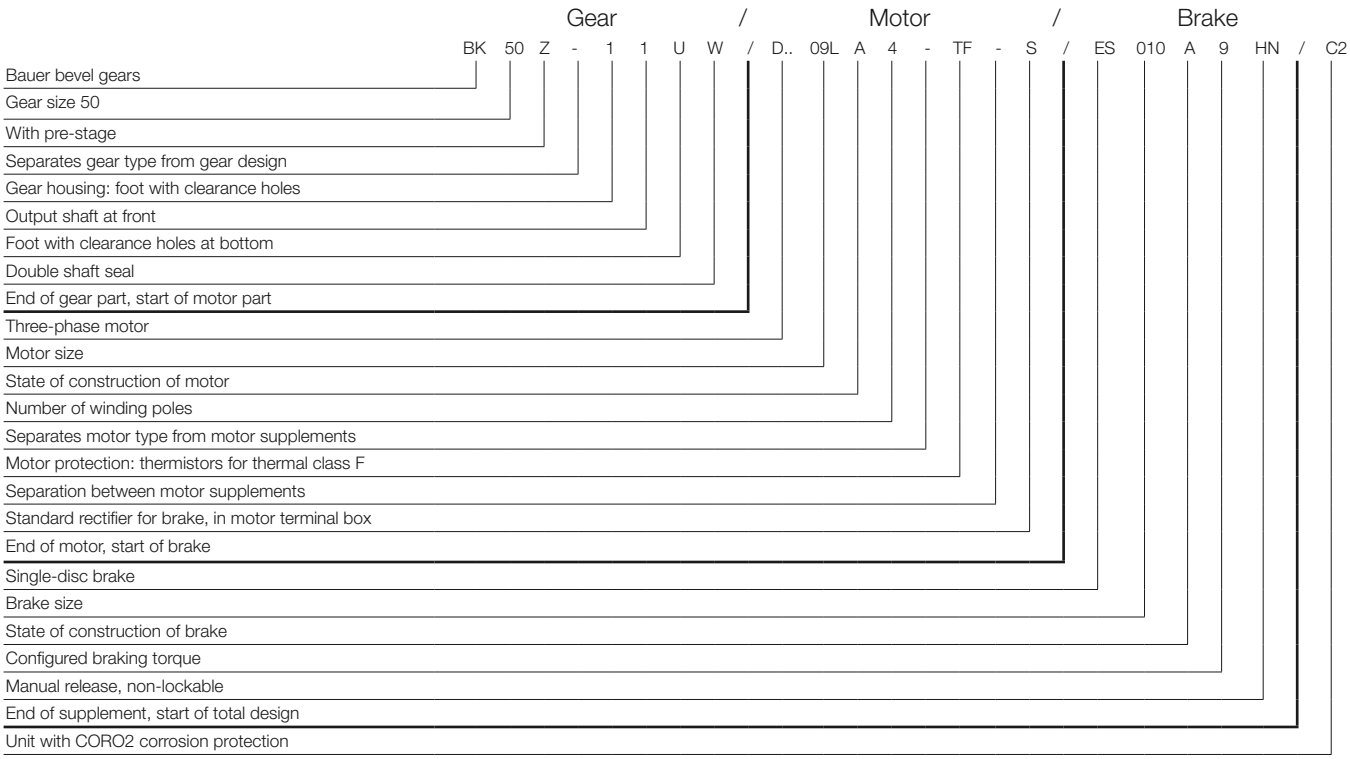
Brake rectifier in motor terminal box

S	=	Standard rectifier	SG
E	=	Special rectifier	ESG
M	=	Special rectifier	MSG

Plug connector	ST	= Harting (other)
Heavy-duty fan	SL	
Protective cover	D	
CleanDrive	CD	= Aseptic drive with cable

Type Designations

Motor Mounted Components



Brake

E		= Single-disc brake
ES		= Single-disc holding brake
EH		= Single-disc holding brake in heavy duty version
ZS		= Two-disc holding brake
ESX		= Single-disc service brake
EHX		= Single-disc service brake in heavy duty version
ZSX		= Two-disc service brake
… 010		= Brake size
… …	A	= Construction state
… …	. 9	= Code for configured braking torque
… …	. . HN	= Manual release (not lockable)
… …	. . HA	= Manual release (lockable)

Reverse rotation block

RR	= Blocking direction clockwise
RL	= Blocking direction anticlockwise

Digital and analogue encoder

G

Second shaft end

ZW	= With key
ZV	= With square shaft

Forced ventilation

FV

Overall design

AV	= USA/Canada version with shaft dimensions in inches
AM	= USA/Canada version with metric shaft dimensions
UL	= US version
CS	= Canadian version
C1	= Coro1 corrosion protection
C2	= Coro2 corrosion protection
C3	= Coro3 corrosion protection
C4	= Coro4 corrosion protection
C5I	= Coro5 corrosion protection
C5M	= Coro5 corrosion protection
IM2	= Protection against sea or brackish water
SP	= Non-catalogue version



4

Geared Motor Selection

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BAUER GEAR MOTOR
A REGAL REXNORD BRAND

Bauer Gear Motor LLC.,
701 Carrier Dr., NC 28216 Charlotte
Phone (732)469-8770 bauer.us@bauergears.com

Information
Company: _____
Contact person: _____
Phone: _____
Email: _____

Questionnaire for geared motor selection

Gearbox type



☐ BG
Helical gears



☐ BF
Parallel shaft gears



☐ BK
Bevel gears



☐ BS
Worm gears



☐ Hiflex
☐ Standard
☐ Stainless

Number of items: _____
Country of operation: _____

Technical Data

Output shaft speed n2: _____ rpm
Torque M2: _____ Nm
Motor power: _____ kW
Efficiency class: _____
With pole-changing: _____

Voltage: _____ V
Connection: ☐ Y ☐ △
Temperature class: ☐ B ☐ F ☐ H
Frequency: ☐ 50 Hz ☐ 60 Hz
☐ Frequency inverter duty
Frequency range: _____ Hz

Operation

Service factor required: min _____ max _____
or Type of loads (conveyor, mixer, crusher, centrifuge, etc.): _____
Number of switching per hour: _____

Daily operating time:	☐ 8 hour	☐ 16 hour	☐ 24 hour
	☐ Light shock load	☐ Medium shock load	☐ Heavy shock load

Operation Duty: ☐ S1 ☐ S2 _____ min ☐ other S _____ Duty = _____ %

Output shaft design

☐ Solid shaft on side V/H/VH: _____
☐ Hollow shaft with keyway
☐ Special shaft dimensions (DxL), _____ x _____ mm
☐ Second shaft end on motor (DxL), ___ x ___ mm
☐ Solid shaft without parallel key
☐ Hollow Shaft for shrink disk
☐ Shrink disk
☐ Second shaft end on motor with parallel key (ZW)
☐ Second shaft end on motor with square shaft (ZV)
☐ Other (sketch attached)
☐ Splined Shaft acc. to DIN 5480

Mounting position

☐ Foot with clearance hole	☐ A-Flange	☐ rear	☐ bottom
☐ Foot with tapped holes	☐ C-Flange with tapped holes	☐ front	☐ top
☐ Torque arm with rubber buffers	☐ Foot plate	☐ left	☐ right

Mounting (acc. to page. 2 - H1, H2, V1, V2, etc.): _____
Terminal box position (acc. to page. 3): ☐ I ☐ II ☐ III ☐ IV
other: _____

Painting
☐ Standard RAL 7031
☐ other RAL _____

Environment

IP prot. type per EN 60034: ☐ IP54 ☐ IP65 ☐ IP66 ☐ IP67 ☐ IP68 ☐ IP69K
☐ Indoor installation ☐ Outdoor installation ☐ Corrosive environment: _____
Ambient temperature range: from _____ °C to + _____ °C Relative humidity: _____ %

Motor Accessories

☐ Brake voltage: _____ V
☐ Backstop: ☐ left ☐ right
☐ Thermistor motor protection
☐ Temperatursensor KTY
☐ Encoder type _____
☐ Rain cover
Required braking torque: _____ Nm
☐ Brake wear/function monitoring
☐ Thermostats motor protection
☐ Temperatursensor PT100
No. of pulse: _____
☐ Forced ventilation
☐ Manual brake release
☐ Brake heater
☐ Anticondensation heater (Motor)
Supply voltage ☐ HTL \ ☐ TTL

Additional requirements may be specified in a freely written form.

Drive configuration

Drive configuration General

Motions are necessary in production plants and equipment for the manufacture of goods and products. Geared motors are used to implement these motions in stationary production equipment. The objective of drive configuration is to obtain the optimal motor for each type of motion.

Motions in machines and equipment vary considerably. Experienced design engineers reduce the necessary motions to a few standard types:

- continuous linear motion
- reciprocating linear motion
- horizontal linear motion
- vertical or oblique linear motion for lifting and lowering loads
- continuous rotary motion and reciprocating rotary motion

All motions can be divided into:

- an acceleration phase
- a constant-velocity phase
- a braking (deceleration) phase

These motion phases must be examined separately when sizing a drive, in order to determine the phase with the highest load. After the maximum load has been determined, the drive system can be selected.

See our separate “Design Guide” publication for assistance with various use cases.

Required data for drive configuration

In addition to the data in the questionaire for geared motor selection, the following data is necessary for drive configuration:

Designation	Description	Unit
Z	Cycle rate	[1/h]
t_d	Operating time per day	[h]
t_a	Deceleration time	[s]
n_2	Output speed	[rpm]
n	Rated rotor shaft speed	[rpm]
J	Moment of inertia	[kgm²]
J_{ext}	External moment of inertia	[kgm²]
J_{ext}	External moment of inertia referred to the rotor shaft	[kgm²]
J_{rot}	Rotor moment of inertia	[kgm²]
F	Force	[N]
m	Mass	[kg]
v	Velocity	[m/s]
a	Acceleration	[m/s²]
g	Earth gravitational constant	[m/s²]
P_{dyn}	Dynamic power	[kW]
P_s	Static power	[kW]
P	Power	[kW]
M_2	Output torque	[Nm]
M_{2erf}	Required drive torque	[Nm]
M_N	Rated torque at rotor shaft	[Nm]
M_a	Deceleration torque	[Nm]
M_L	Braking or driving load torque	[Nm]
M_{gr}	Specific limiting torque of gearbox at gear ratio i	[Nm]
M_{Br}	Rated braking torque	[Nm]
i	Gear reduction ratio	
FI	Inertia ratio	

Drive configuration process

Motor configuration

Determining the motor power

The required power can generally be calculated as follows:

$$P = \frac{F \times v}{\eta}$$

As previously described, all motions are divided into an acceleration phase (dynamic power), a constant-velocity phase (static power), and a braking (deceleration) phase.

Depending on the type of motion, the force F necessary to overcome all opposing forces such as rolling friction, linear friction, gravitational force, acceleration and so on arising from the drive train has a strong influence on the required power and must be determined explicitly for each use case.

See chapter Motors for assistance in selecting the right motor power.

Determining the required torque

After the motor power has been determined, the required gearbox output torque can be calculated with:

$$M_2 = \frac{P \times 9550}{n_2}$$

Determining the gear reduction ratio

The gear reduction ratio is the ratio of the rated speed of the motor (motor data see in chapter Motors) to the desired output speed of the geared motor.

$$i = \frac{n}{n_2}$$

Gearbox size selection

Determining the factor of inertia

The inertia ratio is the ratio of the sum of the moments of inertia of all masses driven by the motor and converted to the motor speed, including the moment of inertia of the motor rotor, to the moment of inertia of the rotor:

$$FI = \frac{J_{ext'} + J_{rot}}{J_{rot}} \quad \text{where} \quad J_{ext'} = \frac{J_{ext}}{i^2}$$

Determining the shock load

The shock load (see chapter 6, 7, 8 and 9) is determined from the inertia factor, the type of transmission component and the relative moment of acceleration.

Determining the minimum service factor f_{Bmin}

Based on the operating time per day, the cycle rate and the ascertained shock load, the service factor fBmin can be taken from the tables in chapter 6, 7, 8 and 9.

Based on this minimum service factor f_{Bmin}, select a geared motor from the tables that has a higher service factor as well as the required output speed, output torque and motor power.

Note: The service factor relates solely to the required torque for static operation needed by the application, which should be covered by the output torque of the selected geared motor.
The dynamic portion is not taken into consideration here.

The actual service factor of the geared motor with regard to required torque for static operation can therefore be calculated as follows:

$$f_B = \frac{M_{gr}}{M_{2erf}}$$

The final step is to specify the accessory options for the geared motor.

Brake specification

Essentially it is necessary to determine, based on the amount of friction energy to be dissipated by the brake, whether the brake is a holding brake or a working brake. See chapter Motor Mounted Components for the definitions of holding brakes and service brakes.

Once all the necessary data and requirements are known, the required braking torque can be calculated as follows:

$$M_{br} = M_a \pm M_L$$

$$M_a = \frac{J \times n}{9{,}55 \times t_a}$$

If the specific application data is not known, for horizontally driven equipment we recommend selecting a braking torque that is 1.0 to 1.5 times the rated torque of the motor.

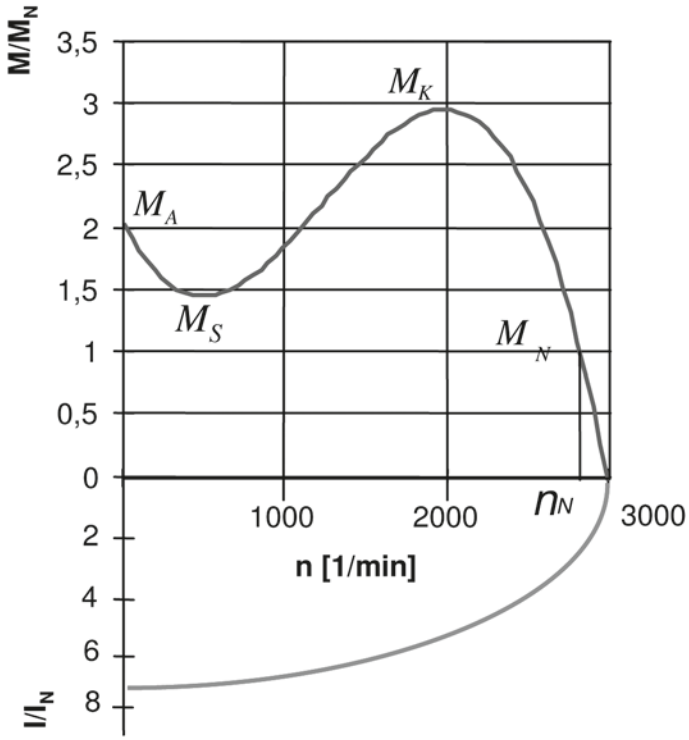
IIn the case of applications with significant external moments of inertia (FI greater than 2) and with operating cycles per hour, the brake size must always be selected on the basis of the thermally allowable braking energy. See chapter Motor Mounted Components for detailed information on brake configuration.

In the case of lifting equipment, for safety reasons a braking torque twice as large as the rated torque of the motor should always be selected.

Torque–speed characteristic

The starting torque M_A with the rotor stationary, which is also called the locked-rotor torque, determines the acceleration of the equipment or system. If the motor is powered directly from the mains, bear in mind that the starting torque, usually listed in the motor data tables in the form of the ratio M_A/M_N, is a fixed and unalterable quantity. This means that the desired acceleration can only be approximated when the motor is operated directly from the mains. Operation from a frequency inverter is discussed separately.

Torque vs. Speed Curve



The **starting torque M_A** with the rotor stationary, which is also called the locked-rotor torque, determines the acceleration of the equipment or system. If the motor is powered directly from the mains, bear in mind that the starting torque, usually listed in the motor data tables in the form of the ratio M_A/M_N, is a fixed and unalterable quantity. This means that the desired acceleration can only be approximated when the motor is operated directly from the mains. Operation from a frequency converter is discussed separately.

The **pull-up torque M_S** is the least amount of torque developed by the motor while it is coming up to speed. It must always be greater than the effective load torque at the time when the pull-up torque occurs, as otherwise it will not be possible to accelerate the drive.

The **breakdown torque M_K** is the maximum torque the motor is capable of producing. If the load increases above the rated torque M_n, the slip s increases, the speed n decreases, and the motor delivers more torque. This can rise to a maximum level M_K. After this point the motor stalls, which means that it suddenly stops running at this slip value (breakdown slip). If the breakdown torque is exceeded, either the load must be removed or the motor must be switched off immediately. Otherwise the motor will be destroyed as a result of overheating.

The **rated torque M_N** is the torque available in continuous operation at the rated power P_N and rated speed n_N.

Dynamic power

The dynamic power is the power that accelerates the entire system, which consists of the load, transmission components, gearbox and motor.

$$P_{dyn} = \frac{m \times a \times v}{\eta}$$

P_{dyn}	Dynamic power [W]
m	Mass [kg]
a	Acceleration [m/s²]
v	Velocity [m/s]
η	Efficiency

Static power

The static power includes all forces present under zero-acceleration conditions. This includes rolling friction, linear friction, lifting force (with lifting) and wind force, among others.

$$P_S = \frac{F_F \times v}{\eta}$$

P_S	Static power [W]
F_F	Travel resistance [N]

Total power P_G

$$P_G = P_{dyn} + P_S$$

$$P_G = \frac{m \times a \times v}{\eta} + \frac{F_F \times v}{\eta}$$

Horizontal motion, rotary motion and vertical motion upwards	
Start-up time [s]	$t_A = \frac{\left(J_M + \frac{J_{ext}}{\eta}\right) \times n_M}{9{,}55 \times \left(M_A - \frac{M_L}{\eta}\right)}$
Cycle rate [c/h]	$Z = Z_0 \times \frac{1 - \left(\frac{M_L}{M_A \times \eta}\right)}{\left(\frac{J_S + \frac{J_{ext}}{\eta} + J_M}{J_M}\right)} \times K_L$
Vertical motion downwards	
Start-up time [s]	$t_A = \frac{\left(J_M + \frac{J_{ext}}{\eta}\right) \times n_M}{9{,}55 \times \left(M_A - (M_L \times \eta)\right)}$
Cycle rate [c/h]	$Z = Z_0 \times \frac{1 - \left(\frac{M_L \times \eta}{M_A}\right)}{\left(\frac{J_S + J_M + (J_{ext} \times \eta)}{J_M}\right)} \times K_L$

No-load cycle rate Z_0

If the cycle rate is greater than normal (typically around 60 cycles per hour), the additional thermal load and, depending on the type of power transmission, the additional mechanical load must be taken into account in motor selection.
The no-load cycle rate Z_0 is the number of start cycles per hour with the motor running under no load (no external moments of inertia) in which the allowable winding temperature for the insulating material class F is reached.

No-load cycle rate Z_0:

PN [HP]	PN [kW]	Type	Z0 [c/h]
0.075	0.055	D04LA4	122000
0.1	0.075	D04LA4	95000
0.12	0.09	D04LA4	82000
0.15	0.11	D04LA4	70000
0.1	0.075	D05LA4	95000
0.12	0.09	D05LA4	82000
0.15	0.11	D05LA4	70000
0.25	0.18	D05LA4	47000
0.33	0.25	D05LA4	36000
0.4	0.3	D05LA4	31000
0.1	0.075	D06LA4	95000
0.12	0.09	D06LA4	82000
0.15	0.11	D06LA4	70000
0.25	0.18	D06LA4	47000
0.33	0.25	D06LA4	36000
0.4	0.3	D06LA4	31000
0.5	0.37	D07LA4	27000
0.75	0.55	D08MA4	19000
1	0.75	DPE08XB4	15000
1.5	1.1	DPE09XA4	11000
2	1.5	DPE09XB4	8700
3	2.2	DPE09XB4C	6400
4	3	DPE11LA4	5000
5	3.7	DPE11LA4	4200
5.4	4	DPE11LB4	4000
7.5	5.5	DPE11LB4C	3100
10	7.5	DPE13XA4	2400
12.5	9.5	DPE16LB4	2000
15	11	DPE16LB4	1800
20	15	DPE16XB4	1400
25	18.5	DPE18LB4	1200
30	22	DPE18XB4	1000
40	30	DPE20LA4	790
50	37	DPE22SA4	670
60	45	DPE22MA4	570

As a result of external loads, the no-load cycle rate is reduced to the allowable service cycle rate. The effect of the load is expressed by the inertia ratio FI and the load factor K_L.

Load factor KL

The load factor reflects the relative load **P/PN** and the duty cycle of the motor in operation between the cycles.

The relative load has a quadratic effect on the allowable cycle rate. The effect of the duty cycle depends on the circumstances. With little or no load, the stress on the motor decreases due to the relatively long cooling periods, while at rated load or heavy loading the stress on the motor increases due to load losses.

The load factor K_L for 4-pole motors is determined as follows:

$$K_{L100} = 1 - \left(\frac{P}{P_n} \right)^{1,5}$$

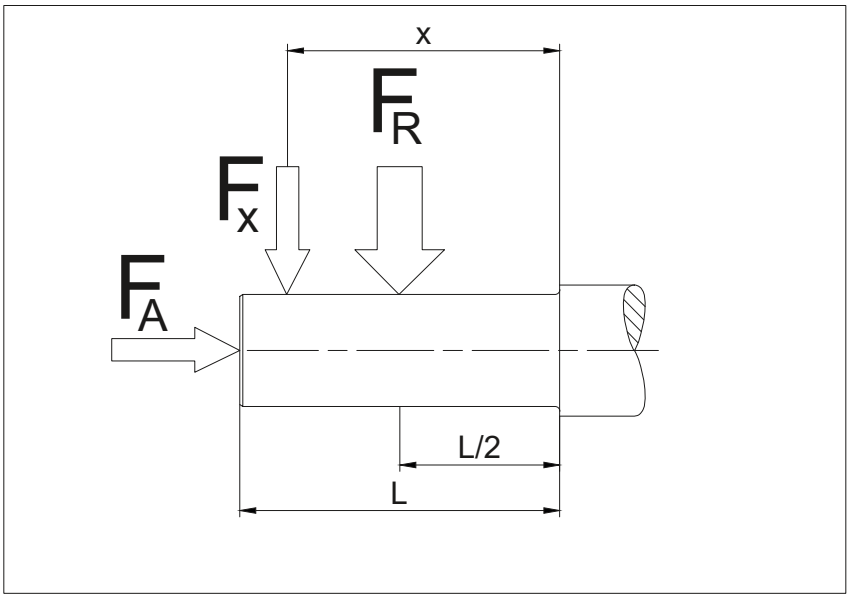
$$K_L = 0,35 + (K_{L100} - 0,25) \times ED$$

Radial and axial forces on the output shaft

Radial and axial forces on the output shaft

For each geared motor with a solid shaft, the allowable radial force $F_{R\,(N,V)}$ referred to the center of the output shaft, x = l/2, is listed in the selection tables. The listed data applies to both foot-mounted and flange-mounted versions. If the force application point F_X is off center, the allowable radial force must be recalculated taking into account the bearing lifetime and the shaft strength.

Maximum allowable radial force at force application point X



$F_{R(N,\,V)}$ Allowable radial force (x = l/2) according to the selection tables [N]
X Distance from shaft junction to the force application point [mm]
F_A Axial force [N]

To evaluate the radial force present at the force application point X, the allowable radial forces at position X must be determined with respect to the load limits of the bearings and the shaft strength.

If the calculated allowable radial forces at the force application point X are greater than the radial force that is present, the gearbox may be selected for the application. If the calculated values are not sufficient or the force application point X is not within the stub shaft length l, please consult Bauer Gear Motor.

If the calculated values are not sufficient or the force application point X is not within the stub shaft length l, please consult us.

Bearing load limit

$$F_{XL1} = F_q \times \frac{0{,}5 + b}{\left(\frac{X}{l} + b\right)}$$

$$F_{XL2} = F_q \times \frac{0{,}5 + a}{\left(\frac{X}{l} + a\right)}$$

Shaft strength

$$F_{XW1} = F_{qmax} \times \frac{0,5}{\left(\frac{X}{l}\right)}$$

$$F_{XW2} = F_{qmax} \times \frac{0,5 + c}{\left(\frac{X}{l} + c\right)}$$

For the selected gear ratio and bearing type (normal or reinforced), Fq is the allowable perpendicular force F_{RN} or F_{RV} taken from the geared motor selection tables.

F_{qmax} is the maximum allowable perpendicular force for the selected gearbox size as listed in the geared motor selection tables, independent of the bearing type (normal or reinforced).

The factors a, b and c for the individual gearbox types are listed in the following tables.

Helical gear unit BG series

Taille	Paliers	Arbre Code	l	a	b	c
BG04	normaux	-.1	24	0.5625	1.5000	-
BG05	normaux	-.1	28	0.5893	1.3929	-
BG06	normaux	-.1	30	0.6667	1.4167	-
BG10	normaux	-.1	40	0.7125	1.6750	-
		-.7		1.1000	2.0625	-
BG20	normaux	-.1	50	0.6100	2.2500	-
		-.7		0.9400	2.5800	-
BG30	normaux	-.1	60	0.5917	2.1750	-
		-.7		0.9417	2.5250	-
BG40	normaux	-.1	60	0.6917	2.3667	-
		-.7		1.0083	2.6833	-
BG50	normaux	-.1	80	0.5625	2.0000	-
		-.7		0.8563	2.2938	-
BG60	normaux	-.1	100	0.5300	2.0200	-
		-.7		0.7650	2.2550	-
BG70	normaux	-.1	120	0.4750	1.7292	-
		-.7		0.7292	1.9833	-
BG80	normaux	-.1	140	0.4286	1.7000	-
		-.7		0.6000	1.8714	-
BG90	normaux	-.1	200	0.3675	1.5300	-
		-.7		0.5825	1.7450	-
BG100	normaux	-.1	220	0.3477	1.4341	-
		-.7		0.5386	1.6250	-

Gear Motor Selection

Radial and axial forces on the output shaft

Shaft-mounted gear unit BF series

Frame size	Bearings	Output shaft code	l	a	b	c
BF06	normal	-.1	50	0.4500	1.4100	-
BF10	normal	-.1	60	0.5083	1.4833	-
		-.2		0.6500	1.6250	-
BF20	normal	-.1	70	0.4286	1.3571	-
		-.2		0.5571	1.4857	-
BF30	normal	-.1	80	0.3875	1.2563	-
		-.2		0.5688	1.4375	-
BF40	normal	-.1	100	0.4050	1.2250	-
		-.2		0.5250	1.3450	-
BF50	normal	-.1	120	0.3125	1.0625	-
		-.2		0.3959	1.1458	-
BF60	normal	-.1	140	0.3286	1.0821	-
		-.2		0.4036	1.1571	-
	reinforced	-.1		-	-	0.2750
		-.2		-	-	0.3643
BF70	normal	-.1	180	0.2722	1.0566	-
		-.2		0.3056	1.0889	-
	reinforced	-.1		-	-	0.2194
		-.2		-	-	0.2639
BF80	normal	-.1	220	0.2878	1.3536	-
		-.2		0.2873	1.3518	-
	reinforced	-.1		-	-	0.2364
		-.2		-	-	0.2268
BF90	normal	-.1	260	0.2500	1.4231	-
		-.2		0.2500	1.4231	-
	reinforced	-.1		-	-	0.2027
		-.2		-	-	0.1950

Bevel gear unit BK series

Frame size	Bearings	Output shaft code	l	a	b	c
BK06	normal	-.1	50	0.4375	1.9875	-
		-.2		0.4375	1.9875	-
		-.7		0.9125	2.4625	-
		-.8		0.9125	2.4625	-
BK10	normal	-.1	60	0.5917	2.2417	-
		-.2		0.5917	2.2417	-
BK20	normal	-.1	70	0.5071	2.2357	-
		-.2		0.5071	2.2357	-
	reinforced	-.1		-	-	0.3929
		-.2		-	-	0.3929
BK30	normal	-.1	80	0.5250	2.2750	-
		-.2		0.5250	2.2750	-
	reinforced	-.1		-	-	0.4125
		-.2		-	-	0.4125
BK40	normal	-.1	100	0.4300	2.1700	-
		-.2		0.4300	2.1700	-
	reinforced	-.1		-	-	0.3400
		-.2		-	-	0.3400
BK50	normal	-.1	120	0.4083	1.9417	-
		-.2		0.4083	1.417	-
	reinforced	-.1		-	-	0.3250
		-.2		-	-	0.3250
BK60	normal	-.1	140	0.3536	1.8036	-
		-.2		0.3536	1.0836	-
	reinforced	-.1		-	-	0.3121
		-.2		-	-	0.2979
BK70	normal	-.1	180	0.2861	1.6694	-
		-.2		0.2861	1.6694	-
	reinforced	-.1		-	-	0.2428
		-.2		-	-	0.2317
BK80	normal	-.1	220	0.2818	1.5545	-
		-.2		0.2818	1.5545	-
	reinforced	-.1		-	-	0.2305
		-.2		-	-	0.2214
BK90	normal	-.1	260	0.2519	1.6096	-
		-.2		0.2519	1.6096	-
	reinforced	-.1		-	-	0.1989
		-.2		-	-	0.1912

Gear Motor Selection

Radial and axial forces on the output shaft

Worm gear unit BS series

Frame size	Bearings	Output shaft code	l	a	b	c
BS02	normal	-.1	30	0.6000	2.1000	-
		-.2		-	-	-
		-.7		1.3333	2.8333	-
		-.8		-	-	-
BS03	normal	-.1	40	0.4375	1.9875	-
		-.2		-	-	-
		-.7		0.9125	2.4625	-
		-.8		-	-	-
BS04	normal	-.1	40	0.5375	1.7875	-
		-.2		-	-	-
BS06	normal	-.1	50	0.4800	1.9400	-
		-.2		-	-	-
BS10	normal	-.1	60	0.5917	2.3083	-
		-.2		-	-	-
BS20	normal	-.1	70	0.5500	2.4357	-
		-.2		-	-	-
BS30	normal	-.1	80	0.5312	2.4313	-
		-.2		-	-	-
BS40	normal	-.1	120	0.4292	1.7042	-
		-.2		-	-	-

Transmission components

If a transmission component is used (gearwheels, chainwheels, V-belt, etc.), the resulting radial forces can be determined as follows.

$$F_R = \frac{2000 \times M}{D_T} \times f_Z \leq F_{R(N,V)}$$

F_R Radial force [N]
M Torque [Nm]
D_T Pitch radius of the transmission component [mm]
f_Z Safety factor

A safety factor f_Z depending on the type of transmission component attached to the output shaft must be included when determining the value of the radial force F_R that is present.

Radial and axial forces on the output shaft

Factor f_z for the type of transmission component

Transmission component	Safety factor f_z	Note
Gearwheel	1	= > 17 teeth
Gearwheel	1,15	< 17 teeth
Chainwheel	1	= > 17 teeth
Chainwheel	1,25	< 17 teeth
Toothed rack	1,15	< 17 teeth (pinion)
V-belt	2……2,5	From tensioning force
Flat belt	2….3	From tensioning force
Friction wheel	3….4	

Axial force

The following specification applies to the allowable axial force F_A on the output shaft (either tension or compression) for all Bauer geared motors and for foot, flange or hollowshaft versions:

$$F_A = 0{,}5 \times F_{R(N,V)}$$

Please consult Bauer Gear Motor in case of larger axial forces.

Consequently, the most cost-effective motor selection must be based on the following factors.

- Duty type
  Evaluate the application, since most applications do not operate with S1 duty type.

- Operating time
  The longer the operating time, the shorter the payback time.

- Motor capacity utilisation
  Motor utilisation 75 % or higher load.

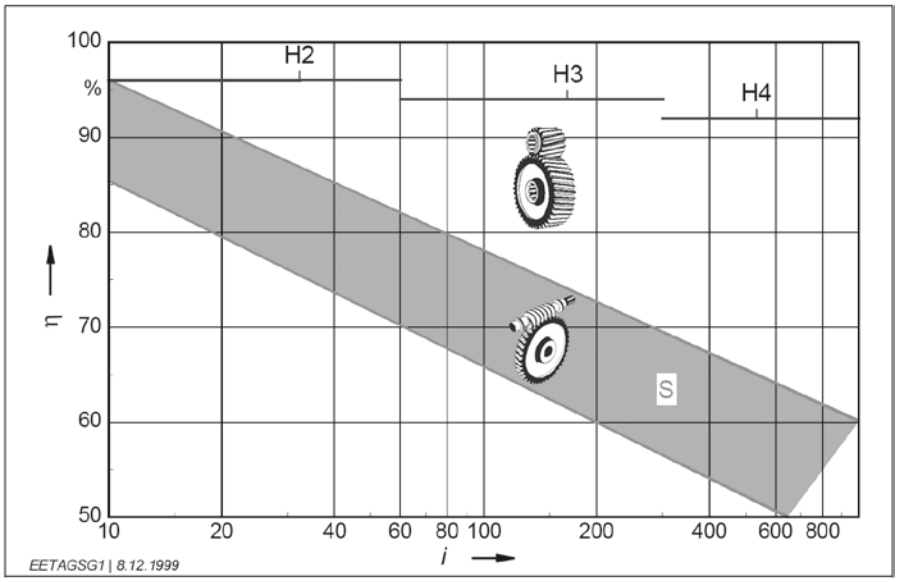
- Additional financial expenditure
  Safety factors increase the economic overhead.

- Payback time

Gear efficiency η_{gear}

Comparison of the general savings potential of gearboxes and motors in continuous running duty (S1) shows that the energy savings potential of gearboxes is significantly higher than that of motors. The efficiency of gearboxes is predominantly dependent on the tooth geometry and the friction values of the bearings and seals. At high input speeds and with vertical designs in which the first stage rotates fully immersed in oil, splash losses cannot be neglected. Vertical designs should generally be avoided.

The efficiency of worm gear drives is highly speed dependent (see illustration). Bauer worm gear units are available as two-stage worm gear units for frame sizes BS04 and larger. This enables very high reduction ratios and significantly higher efficiency than with pure worm gear units. A loss of 2 % per stage can be assumed for two-stage worm gear units.



Comparison of typical efficiency (ŋ) versus reduction ratio (i) for helical spur gear units (H) with two, three or four stages and two-stage worm gear units (S), relative to the rated power of the gear unit.

System efficiency η_{system}

The drive system provides the highest savings potential in the analysis of the overall efficiency. Designers and plant engineers should always strive to optimize the transmission components.

Transmission component	Conditions	Efficiency
Wire rope	Per full turn on the wire drum (with journal or roller bearings)	0.91–0.95
V-belt	Per full turn on the belt pulley (with normal belt tension)	0.88–0.93
Synthetic belts	For each full turn or roll, with roller bearings (normal belt tension)	0.81–0.85
Rubber belts	For each full turn or roll, with roller bearings (normal belt tension)	0.81–0.85
Toothed belts	For each full turn or roll, with roller bearings (normal belt tension)	0.90–0.96
Chains	For each full turn or chainwheel, with roller bearings (depending on chain size)	0.90–0.96
Spindles	Trapezoid-thread spindle Ballscrew spindle	0.30 – 0.70 0.70 – 0.95
Gear unit	With spur gears or bevel gears: 2% per stage, with worm gears and other types of toothing, according to manufacturer's data	0.94–0.98

Shock loads of machinery

Shock loads for various types of machinery are listed in standards and guidelines as well as industry-specific documents and manufacturer's documents. If for example a crusher or a press is listed here with an shock load class of III, this is justified. On the other hand, under favorable conditions a belt conveyor could have an shock load class of I, but this could quickly change to III with on/off operation, high speed and overdrive due to a loose chain.

Consequently, the classifications in the following table should by no means be taken blindly. They provide a rough point of reference, but the ultimate classification of the shock load should always take into account the factors specified by Bauer, in particular the inertia ratio, the cycle rate and the transmission component(s).

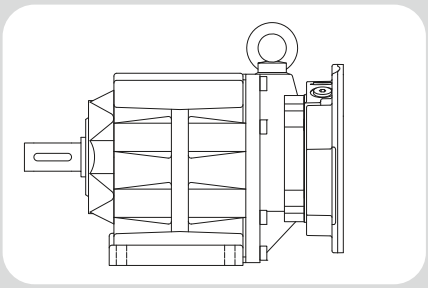
Drive	Shock load		
Construction machinery			
Construction lifts		II	
Concrete mixers		II	
Road construction machinery		II	
Chemical industry			
Cooling drums		II	
Mixers		II	
Stirrers (light media)	I		
Stirrers (viscous media)		II	
Drying drums		II	
Centrifuges (light)	I		
Centrifuges (heavy)		II	
Transport and conveying systems			
Hauling winches		II	
Conveying machines			III
Apron conveyors		II	
Belt conveyors (bulk material)	I		
Belt conveyors (piece goods)		II	
Bucket belt conveyors		II	
Chain conveyors		II	
Circular conveyors		II	
Freight lifts		II	
Flour bucket conveyors	I		
Passenger lifts		II	
Flat belts		II	
Screw conveyors		II	
Gravel bucket conveyors		II	
Inclined lifts			III
Steel belt conveyors		II	
Chain conveyors		II	
Blowers and fans			
Roots blowers		II	
Blowers (axial and radial)	I		
Cooling tower fans		II	
Suction blowers		II	

Drive	Shock load		
Rubber			
Extruders			III
Calenders		II	
Kneaders			III
Mixers		II	
Rolling mills			III
Timber processing and woodworking			
Debarking drums			III
Planers		II	
Woodworking machinery	I		
Saw frames			III
Crane systems			
Luffing mechanisms	I		
Traversing mechanisms			III
Hoisting mechanisms	I		
Slewing mechanisms		II	
Jib mechanisms		II	
Plastics			
Extruders		II	
Calenders		II	
Mixers		II	
Grinders and pulverisers		II	
Metalworking			
Plate bending machines		II	
Plate straightening machines			III
Hammers			III
Planers			III
Presses			III
Shears		II	
Forging presses			III
Punches			III
Countershafts and driveshafts	I		
Machine tools (principal)		II	
Machine tools (ancillary)	I		

Shock loads of machinery

Drive	Shock load		
Food processing			
Filling machines	I		
Kneading machines		II	
Mashing machines		II	
Packaging machines	I		
Sugar cane cutters		II	
Sugar cane mills			III
Sugar beet cutters		II	
Sugar beet washers		II	
Paper			
Couching			III
Smoothing rolls			III
Hollander		II	
Pulp grinder			III
Calender		II	
Wet presses			III
Shredders			III
Suction presses			III
Suction rolls			III
Drying rolls			III
Stone and soil			
Crushers			III
Rotary kilns			III
Hammer mills			III
Tube mills			III
Beating mills			III
Tile and block presses			III
Fabrics			
Winders		II	
Printing and dying machines		II	
Tanning vats		II	
Shredders		II	
Looms		II	

Drive	Shock load		
Rolling mills			
Plate shears			III
Plate turners		II	
Billet presses			III
Billet and slab lines			III
Billet conveyors			III
Wire drawing machines		II	
Descaling machines			III
Sheet metal mills			III
Plate mills			III
Winders (strip and wire)		II	
Cold rolling mills			III
Chain transports		II	
Billet shears			III
Cooling beds		II	
Cross transports		II	
Roller tables (light)		II	
Roller tables (heavy)			III
Roll straighteners		II	
Tube welders			III
Trimming shears		II	
Cropping shears			III
Continuous casting machines			III
Roll adjustment devices		II	
Manipulators			III
Laundry			
Drum dryers		II	
Washing machines		II	
Water treatment			
Centrifugal aerators		II	
Archimedes screw		II	

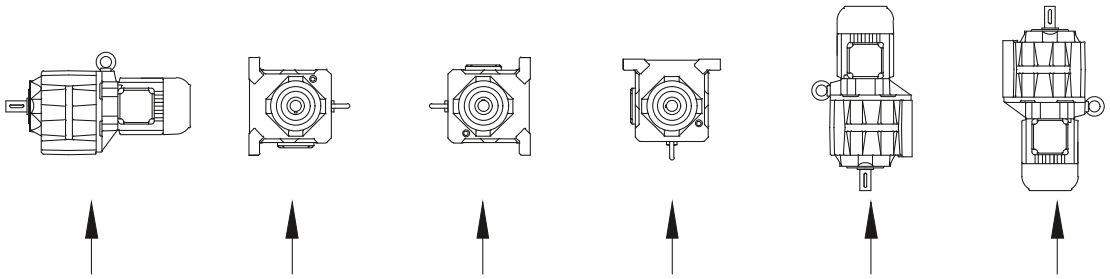


5

Gearboxes and Lubrication

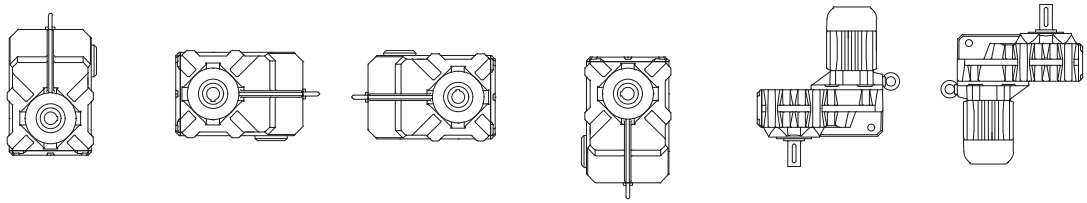
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BG series



Gear side	(U)	(R)	(L)	(U)	(V)	(H)
Mounting position	H4	H1	H2	H3	V1	V2

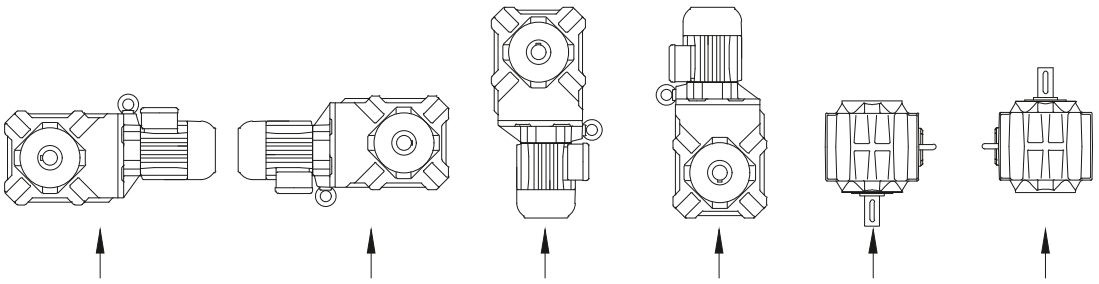
BF series



Gear side	(U)	(R)	(L)	(U)	(V)	(H)
Mounting position	H4	H1	H2	H3	V1	V2

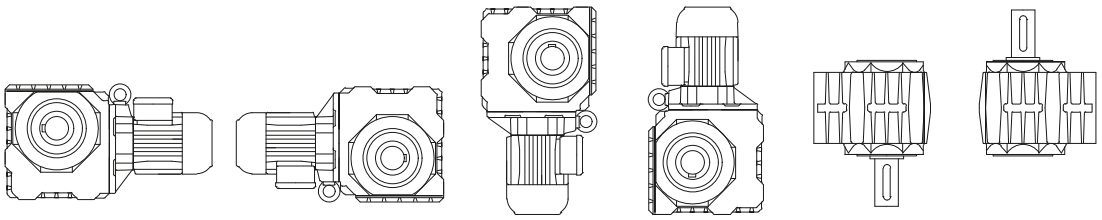
Standard mounting positions

BK series



Gear side	(U)	(O)	(R)	(L)	(V)	(H)
Mounting position	H1	H2	H3	H4	V1	V2

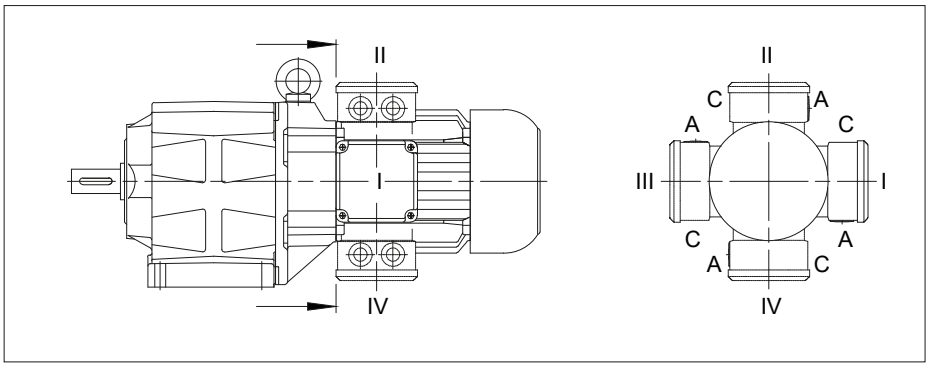
BS series

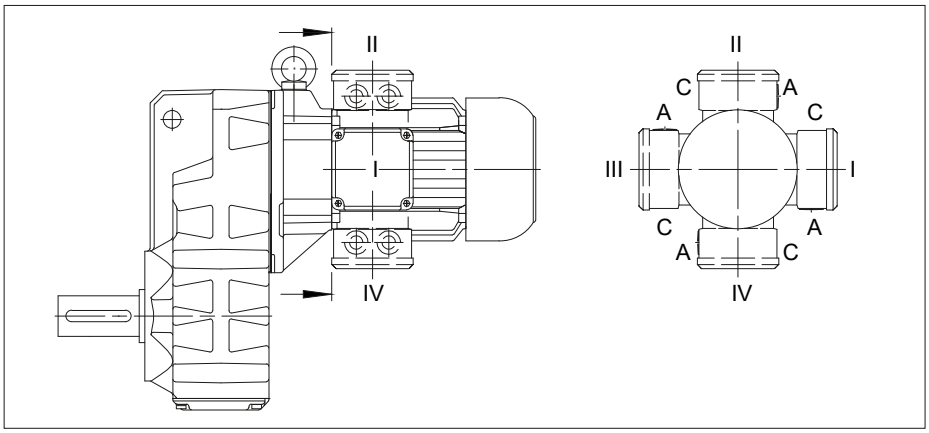


Gear side	(U)	(O)	(R)	(L)	(V)	(H)
Mounting position	H1	H2	H3	H4	V1	V2

Position of the terminal box and the cable entry points (BG and BF)

The standard position of the terminal box for helical-gear and shaft- mounted geared motors is position I. Cables may be introduced from side A or C.





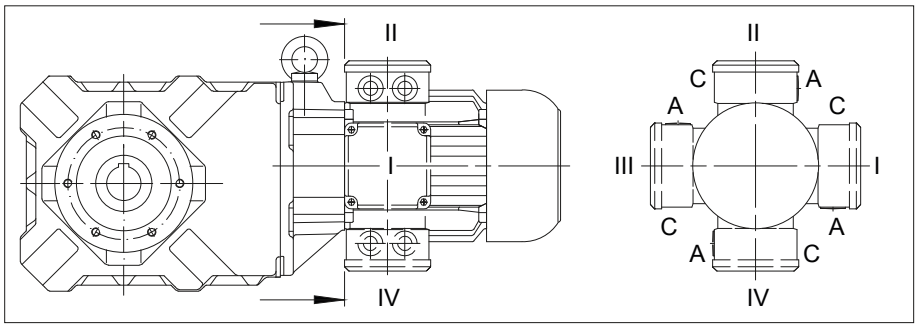
Turning or rotating the gearbox in space in the different mounting positions according to DIN 42950 does not influence the marking as shown. The details of the terminal box always show the position of the terminal box and the cable entry in relation to the gearbox and not in space. The mounting according to DIN 42950 is to be given separately.

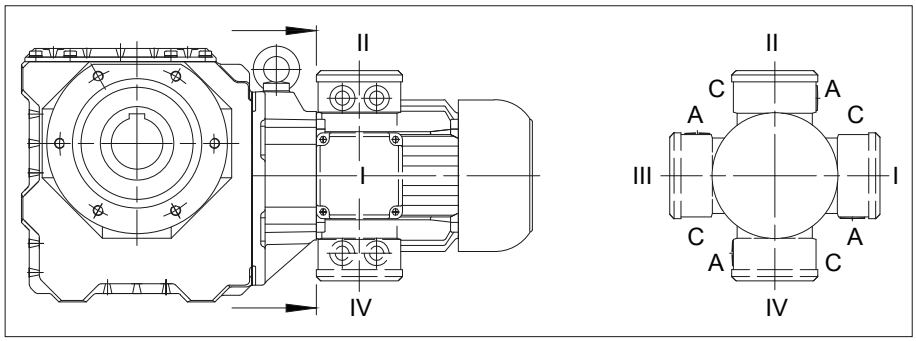
Position of the terminal box

Position of the terminal box and the cable entry points (BK and BS)

The standard position of the terminal box for bevel-geared and worm- geared motors is position II.

Cable entry through side A or side C is possible





Turning or rotating the gearbox in space in the different mounting positions according to DIN 42950 does not influence the marking as shown. The details of the terminal box always show the position of the terminal box and the cable entry in relation to the gearbox and not in space. The mounting according to DIN 42950 is to be given separately.

Radial and axial forces at the output shaft

The output shafts and output-shaft bearings are matched to the motor torques. It is advisable to locate the drive-transmission element‘s point of application as close as possible to the shaft collar to ensure that the load imposed by external radial forces is not unnecessarily high. Permissible values for radial forces referred to the output shaft center line are listed in the selection tables. Please consult us if your application involves extra-high axial loading.

Dimensions and fits of output shafts and keyways

The output shaft and second motor shaft extension together with keyways are machined to the following standards:

Solid shafts

Suffix letters		**AV**	**AM** or **CS** or none		
		Dimensions and tolerances	Dimen-sions	Tolerances	
				up to 50 mm dia	above 50 mm dia
Output dia	shaft	ANSI B4.1	ISO R 775	k6	m6
Keyway		ANSI B17.1	ISO R 773	P9	P9
Keyway shape	high	ANSI B17.1	ISO R 773	h9	h9
Bore of power transmission elements		AGMA 511.02	ISO R 286	H7	H7

Hollow shafts with keyway

Suffix letters		AV		**AM** or **CS** or none	
		Dimensions tolerances	and	Dimensions	Tolerances
Bore dia		ANSI B4.1		ISO R 775	H7
Keyway		ANSI B17.1		ISO R 773	JS9
Keyway shape	high	ANSI B17.1		ISO R 773	h9
Countershaft		ANSI B4.1		ISO R 286	h6

Plain hollow shafts without keyway for shrink disk connection (SSV)

Suffix letters	AV		**AM** or **CS** or none	
	Dimensions tolerances	and	Dimensions	Tolerances
External dia	ANSI B4.1		manufacturer´s standard	f7
Internal dia	ANSI B4.1		manufacturer´s standard	H7
Countershaft	ANSI B4.1		ISO R 286	h6

H7 permits the following tolerances:

Boring diameter (mm)	Limiting tolerances (1/1000 mm)
above 6 to 10	0 to +15
above 10 to 18	0 to +18
above 18 to 30	0 to +21
above 30 to 50	0 to +25
above 50 to 80	0 to +30
above 80 to 120	0 to +35
above 120 to 140	0 to +40

Boring diameter (inch)	Limiting tolerances (1/1000 inch)
above 0 to 0.12	0 to -0.4
above 0.12 to 0.24	0 to -0.5
above 0.24 to 0.40	0 to -0.6
above 0.40 to 0.71	0 to -0.7
above 0.71 to 1.19	0 to -0.8
above 1.19 to 1.97	0 to -1.0
above 1.97 to 3.15	0 to -1.2
above 3.15 to 4.73	0 to -1.4
above 4.73 to 7.09	0 to -1.6
above 7.09 to 9.85	0 to -1.8
above 9.85 to 12.41	0 to -2.0
above 12.41 to 15.75	0 to -2.2
above 15.75 to 19.69	0 to -2.5

H 6 permits the following tolerances:

Boring diameter (mm)	Limiting tolerances (1/1000 mm)
above 30 to 50	0 to -16
above 50 to 80	0 to -19
above 80 to 120	0 to -22
above 120 to 180	0 to -25

Boring diameter (inch)	Limiting tolerances (1/1000 inch)
above 0 to 0.12	0 to -0.25
above 0.12 to 0.24	0 to -0.3
above 0.24 to 0.40	0 to -0.4
above 0.40 to 0.71	0 to -0.4
above 0.71 to 1.19	0 to -0.5
above 1.19 to 1.97	0 to -0.6
above1.97 to 3.15	0 to -0.7
above 3.15 to 4.73	0 to -0.9
above 4.73 to 7.09	0 to -1.0
above 7.09 to 9.85	0 to -1.2
above 9.85 to 12.41	0 to -1.2
above 12.41 to 15.75	0 to -1.4
above 15.75 to 19.69	0 to -1.6

Installing transmission elements

Note:
Gearboxes using torque reaction by means of a flange (Code 2.; 3; 4.; 7.; 8.) or torque arm (Code 5.), must have the side for the torque reaction the same as where the radial force on the output shaft occurs (see rubber buffers for torque arms)! Please consult the factory for other designs.

Gear with solid shaft

Always exercise meticulous care when fitting transmission elements onto output shafts and, whenever possible, use the DIN 332 tapped bore provided for this purpose. Fitting is usually easier if the transmission element can be heated to approximately 100° C for installation. Dimension the locating bore to ISO H7.

Gears with solid shaft at each end (gear code -.3/): alignment of the two keys is subject to the DIN 7168 tolerances, the degree of accuracy is “fine”.

Gear with hollow shaft

Hollow shafts usually engage solid shafts of the driven machinery. The gear unit must be mounted such as to be free of constraint and be fixed axially (e.g. by means of assembly help acc. following description “notes for installing shaft mount gears with hollow shaft and keyway”). Special contract provision must be made if the hollow shaft has to guide the solid shaft or, for any other reason, close out-of-round tolerance referenced to a point on the gear housing (such as a flange, for instance) is required.

Shrink disc coupling

A shrink disc coupling (SSV) can transmit high torque from the non- grooved hub to the smooth shaft. The SSV is easily secured and released, using commercially available bolts. SSVs are the ideal supplement for shaft mount gears. The maximum transmittable torque for the selected shrink discs when fitted and mounted according to instructions is above the starting torque of the respective motors classified as standard (for classification of shrink disc sizes see chapter 11, 12, 13 “Additional dimensional drawings for Shrink disc coupling).

Gearboxes

Torque restraint

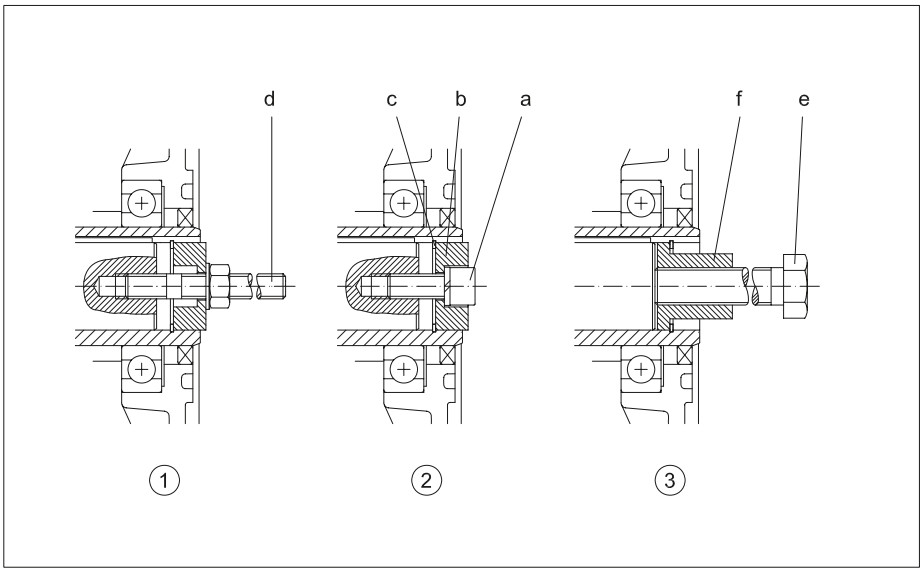
Shaft-mounted geared motors require a suitable torque restraint to resist the reaction torque. Shaft-mounted gears have cast torque arms as standard. Bevel gears and worm gears are available with bolt-on torque arms on request. The torque arm is screwed onto the front “V” on the side of the gear unit. It is always important to ensure that the torque arm does not create excessive constraining forces due to the driven shaft running untrue, for example. Excessive play can result in excessive shock torques in switching or reversing operations. Consequently, we recommend the use of pre-tensioned rubber damping elements. These rubber buffers are part of the scope of supply for designs with a torque arm (see chaper 11, 12, 13 dimensional drawings “Rubber buffer for torque restraint”).

Notes for installing shaft mount gears with hollow shaft and keyway

(1) Attaching the hollow shaft to the customer shaft
Threaded bolt (d) is screwed into the end thread of the shaft to be driven. By tightening the nut, apply force to thrust plate (b) and locating ring (c) to draw the gear unit onto the shaft.

(2) Axial fastening
Pressure piece (b) is rotated and fitted against retaining ring (c) using fixing screw (a).

(3) Removing
Extractor (f) is fitted between the end face of the shaft and retainer ring (c). Tighten press-off screw (e) against the end of the shaft and pull the gear unit off the shaft. Manufacturing drawings for the required parts are available on request. These parts are not included in the scope of supply.



Detailed information on shaft-mounted gear units, bevel-gear units and worm-gear units is available (see chaper 11, 12, 13 dimensional drawings “Tools for fitting shaft-mounted gear with hollow shaft and keyway”).

Gear ventilation

The lifetime of the gearbox lubricant increases, the better it is protected from negative environmental influences. Should the oil level or the gearbox ratio cause a very high lubricant temperature, the gearbox will be supplied as standard with a breather plug. Either on request or for corresponding high ambient temperatures, all gearboxes from size 10 can be supplied with a breather plug.

For the position of the threaded plugs see chapter 5 theraded plugs.

Output shaft seals

All size 10 and larger gears are available with double seals for the output shaft on request and at extra cost. Double seals are particularly effective if the output shaft points down and as protection against external influences

Lubricants

The drives are shipped ready-filled with gear lubricant. Lubricated in this way, the gear units are suitable for ambient temperatures in the range -20 °C to + 40 °C. The quantity of lubricant is optimized for the desired installed position as is stated on the nameplate. The type of lubricant is stated in the Operating Instructions. Lubricants for other temperature ranges or special applications available on request.

Wear-protective EP gear oils as indicated in the following table have proven particularly effective:

Manufacturer	Lubricant type					
	Mineral Oil	Synthetic Oil				USDA H1 Oil
	ISO VG 220	ISO VG 68		ISO VG 220	ISO VG 460	ISO VG 220
	Standard oil for gearboxes in the series **BF06-BF90 BG04-BG100 BK60-BK90**	Low temperature oil for gearboxes in the series **BF06-BF90 BG04-BG100**	**BK06-BK90 BM09-BM40 BS02-BS40**	Standard oil for gearboxes in the series **BS02-BS10 BK06-BK10 BM09-BM40** High temperature oil for gearboxes in the series **BS02-BS10 BK06-BK10 BF06-BF90 BG04-BG100 BK60-BK90 BM09-BM10**	Standard oil for gearboxes in the series **BS20-BS40 BK17-BK50 BM20-BM40** High temperature oil for gearboxes **BS20-BS40 BK17-BK50 BM20-BM40**	Food and Beverage Industry Oil for gearboxes in the series **BF06-BF90 BG04-BG100 BK06-BK90 BM09-BM40 BS02-BS40**
AGIP	BLASIA 220 [13 02 08]	–	–	BLASIA S 220 [13 02 06]	BLASIA S 460 [13 02 06]	–
BECHEM RHUS	STAROIL G 220 [13 02 08]	–	BERUSYNTH EP 68 [13 02 06]	BERUSYNTH EP 220 [13 02 06]	BERUSYNTH EP 460 [13 02 06]	BERUSYNTH EP 220 H1 [13 02 06]
CASTROL	ALPHA EP 220 [13 02 08] ALPHA SP 220 [13 02 08] OPTIGEAR EP 220 [13 02 08] OPTIGEAR 1100/220 [13 02 08]	Alphasyn T68 [13 02 06]	–	ALPHASYN PG 220 [13 02 06] OPTIGEAR 800/220 [13 02 06] OPTIGEAR 1300/220 [13 02 06] ALPHASYN GS 220 [13 02 06]	ALPHASYN PG 460 [13 02 06] OPTIGEAR 800/460 [13 02 06] OPTIGEAR 1300/460 [13 02 06] ALPHASYN GS 460 [13 02 06]	OPTILEB GT 220 (CLP-HC) [13 02 06] OPTILEB GT 1800/220 (CLP-PG) [13 02 08]
CHEVRON	Meropa 220 [13 02 08] GEARTEX EP-A SAE 85W-90 [13 02 06]	–	Meropa Synlube WS 68 [13 02 06]	Meropa Synlube WS 220 [13 02 06]	Meropa Synlube WS 460 [13 02 06]	Chevron lubricating oils FM 220 (USA) [13 02 06]
FUCHS	RENOLIN CLP 220 [13 02 08] RENOLIN CLPF 220 SUPER [13 02 08] RENOLIN CLP 220 PLUS [13 02 08]	RENOLIN UNISYN CLP 68 [13 02 06]	RENOLIN PG 68 [13 02 06]	RENOLIN PG 220 [13 02 06]	RENOLIN PG 460 [13 02 06]	CASSIDA FLUID GL 220 [13 02 06]
KLÜBER	KLÜBEROIL GEM 1-220 N [13 02 08]	–	KLÜBERSYNTH GH 6-80 [13 02 06]	KLÜBERSYNTH GH 6-220 [13 02 06]	KLÜBERSYNTH GH 6-460 [13 02 06]	KLÜBEROIL 4UH1-220 N [13 02 06] KLÜBERSYNTH UH1 6-220 [13 02 06]
MOBIL	MOBILGEAR 600 XP 220 [13 02 08]	MOBIL SHC 626 [13 02 06]	–	MOBIL SHC Gear 220 [13 02 06] MOBIL SHC 630 [13 02 06]	MOBIL SHC Gear460 [13 02 06] MOBIL SHC 634 [13 02 06]	MOBIL SHC CIBUS 220 [13 02 06]
OEST	Gearol 220 [13 02 06]	–	–	–	–	–
SHELL	OMALA S2 GX220 [13 02 08]	–	–	OMALA S4 WE 220 [13 02 06]	OMALA S4 WE 460 [13 02 06]	–
TOTAL	CARTER EP 220 [13 02 08] CARTER XEP 220 [13 02 06]	–	–	CARTER SY 220 [13 02 06]	CARTER SY 460 [13 02 06]	NEVASTANE SL220 [13 02 06] NEVASTANE EP 220 [13 02 06] NEVASTANE SY 220 [13 02 06]
WINTERSHALL	SRS ERSOLAN 220 [13 02 08]	–	–	–	–	–

[....] European Waste Catalogue Code (Decision 2001/118/CE)

Lubricants

Important:
Synthetic gear oils of a Polyglykol base (e.g. PGLP…) must be disposed of separately to mineral oil as **special waste.**

So long as the ambient temperature does not fall below – 20 °C the international definition of the viscosity class at 40 °C according to ISO 3448 and DIN 51519 ISO the viscosity class VG220 (SAE90) is recommended according, in North America AGMA 5EP.

For lower temperatures it is recommended to use oils of a lower nominal viscosity with a corresponding better starting characteristic, for instance a PGLP with a nominal viscosity VG68 (SAE80) or AGMA 2EP respectively. These types of oil can already be necessary at a temperature around the freezing point, if the break away torque of a drive is reduced by some smooth starting device or if the motor has a relatively low power.

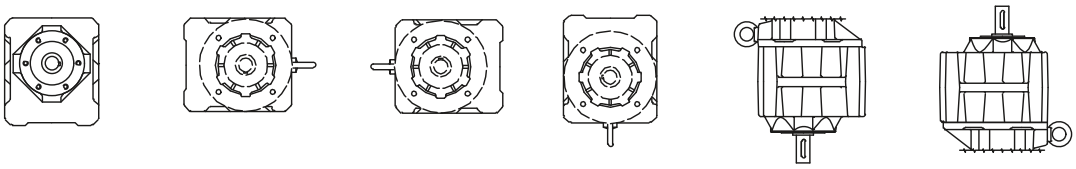
Lubricant quantities

The preferred quantity of lubricant for the planned type of installation is stated on the motor‘s rating plate (symbol “oil can”). Unless a Sight Glass is present oil should Never Be Topped UP. Information about the quantity of lubricant required for other types of installation can be obtained from the factory.

Lubricant quantities, BG-series gears

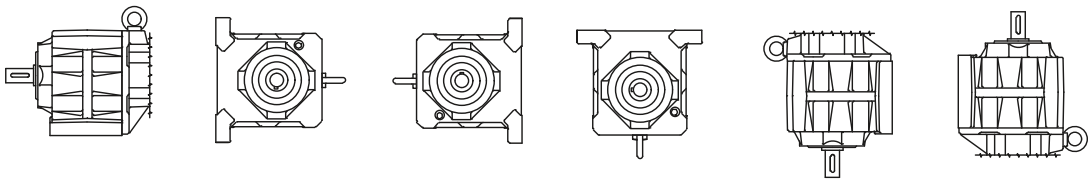
Gear-housing with flange or foot

Flange (Code-2./Code-3./Code-4./Code-7.)
Foot with threaded holes (Code -6.)
Foot with clearance holes (Code-9.)
Completely machined (Code -8.)



Foot housing

cast foot with clearance holes (Code -1.)



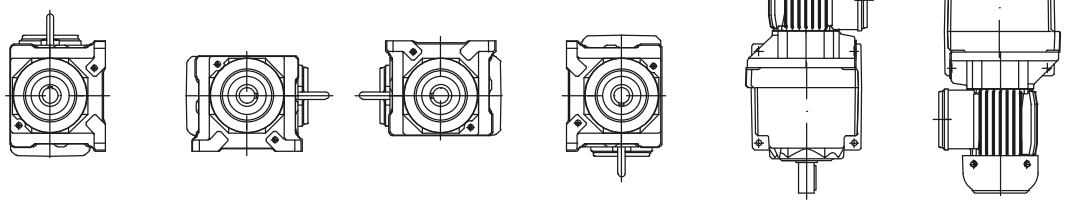
Gearbox type		H4	H1	H2	H3	V1	V2
BG04	*	0.06	0.06	0.06	0.06	0.11	0.11
	**	0.11	0.11	0.11	0.11	0.21	0.11
BG05	*	0.11	0.11	0.11	0.11	0.17	0.17
	**	0.17	0.17	0.17	0.17	0.34	0.17
BG06	*	0.17	0.17	0.17	0.17	0.32	0.32
	**	0.25	0.25	0.25	0.25	0.51	0.32
BG10	*	1.37	1.37	1.37	1.80	2.22	1.80
	**	0.95	0.95	0.95	1.27	1.59	1.27
BG15	**	0.85	0.85	0.85	0.74	1.31	1.16
BG20	*	1.69	1.69	1.69	2.32	2.96	2.32
	**	1.27	1.27	1.27	2.11	2.43	1.90
BG30	*	2.11	2.11	2.11	3.59	5.07	3.38
	**	2.11	2.11	2.11	3.59	4.86	3.59
BG40	*	3.59	3.59	3.59	5.28	7.40	4.44
	**	3.59	3.59	3.59	5.28	7.40	4.44
BG50	*	6.34	6.34	6.34	9.51	11.62	6.97
	**	6.34	6.34	6.34	9.51	11.62	6.97
BG60	*	11.62	11.62	11.62	14.79	23.04	13.53
	**	11.62	11.62	11.62	14.79	23.04	13.53
BG70		13.74	13.74	13.74	16.91	28.53	19.02
BG80		23.25	23.25	23.25	23.25	47.55	31.70
BG90		40.15	40.15	40.15	40.15	84.54	54.95
BG100		73.97	73.97	116.24	105.67	139.48	105.67

* Flange Housing
** Foot Housing

Lubrication quantity in liquid pint

Lubricants

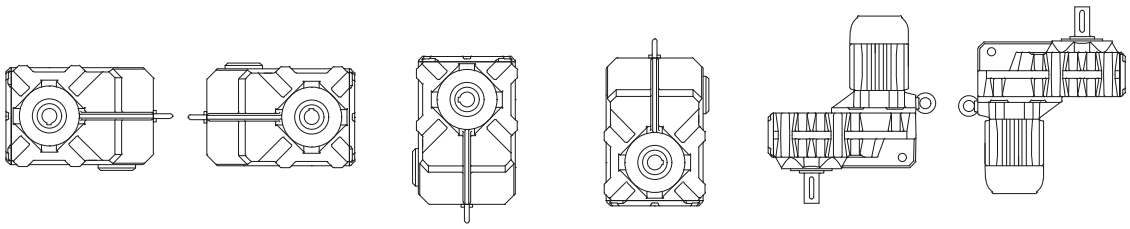
Lubricant quantities, BG20-01R



Gear type	H4	H1	H2	H3	V1	V2
BG20R	1.69	2.11	1.69	2.96	3.49	2.11

Lubrication quantity in liquid pint

Lubricant quantities, BF-series gears

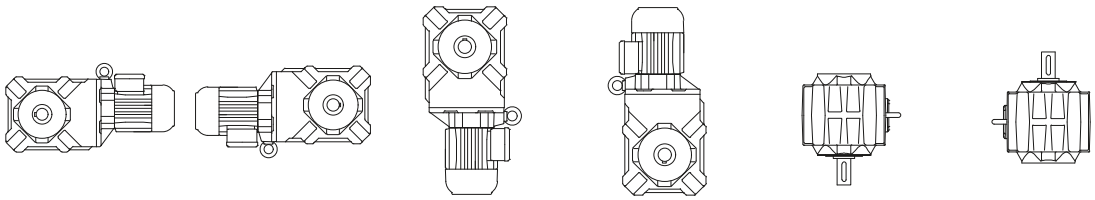


Gear type	H1	H2	H3	H4	V1	V2
BF06	0.53	0.53	0.53	0.78	0.74	0.63
BF10	1.80	1.80	1.80	2.32	3.06	3.17
BF20	2.75	2.75	2.75	3.59	4.65	4.76
BF30	3.59	3.59	3.59	4.65	6.76	6.34
BF40	5.71	5.71	5.71	7.40	10.36	10.14
BF50	8.03	8.03	8.03	10.57	14.16	14.16
BF60	14.16	14.16	14.16	19.02	25.99	25.36
BF70	25.78	25.78	25.78	33.81	51.14	46.07
BF80	35.93	35.93	35.93	44.38	68.05	58.12
BF90	67.63	67.63	67.63	86.65	131.03	112.01

Lubrication quantity in liquid pint

Lubricants

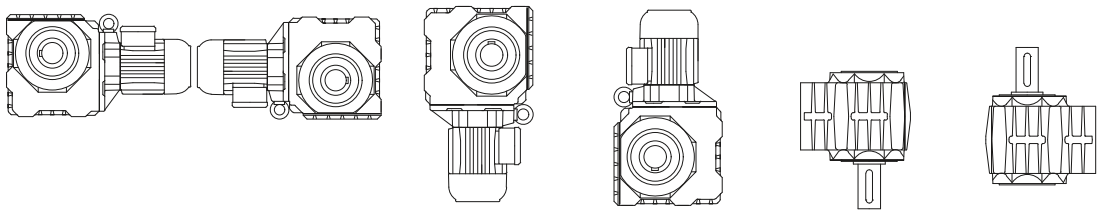
Lubricant quantities, BK-series gears



Gear type	H1	H2	H3	H4	V1	V2
BK06	0.32	0.49	0.61	0.66	0.38	0.49
BK10	1.75	1.75	1.94	3.70	1.94	1.94
BK17	2.11	3.59	3.80	5.49	2.75	3.80
BK20	3.17	3.17	3.38	6.13	3.49	3.49
BK30	4.65	4.65	4.86	9.30	5.07	5.07
BK40	7.40	7.40	7.40	14.79	7.82	7.82
BK50	12.26	12.26	12.26	24.30	12.68	12.68
BK60	12.68	18.39	14.58	25.36	18.18	18.18
BK70	21.56	31.70	24.30	43.32	28.53	30.64
BK80	38.04	53.89	40.15	78.20	49.67	53.89
BK90	69.74	101.44	76.08	145.83	95.10	101.44

Lubrication quantity in liquid pint

Lubricant quantities, BS-series gears

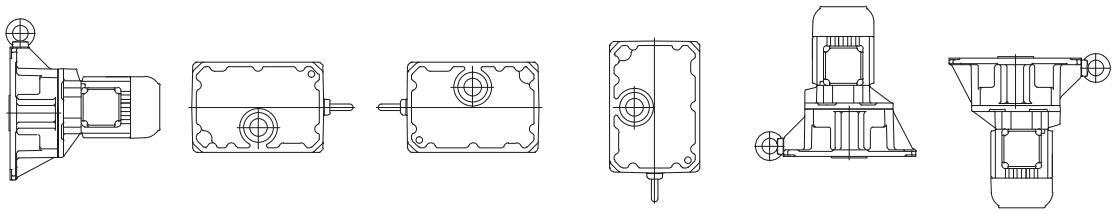


Gear type	H1	H2	H3	H4	V1	V2
BS02	0.13	0.13	0.13	0.13	0.13	0.13
BS03	0.36	0.36	0.36	0.36	0.36	0.36
BS04	0.23	0.36	0.23	0.42	0.23	0.23
BS06	0.51	0.76	0.51	0.95	0.51	0.51
BS10	1.90	2.75	1.90	3.38	1.90	1.90
BS20	3.17	4.44	3.17	5.71	3.17	3.17
BS30	4.65	6.34	4.65	8.03	4.65	4.65
BS40	7.40	9.93	7.40	12.68	7.40	7.40

Lubrication quantity in liquid pint

Lubricants

Lubricant quantities, pre-stage gears (Z)



BF BG	H4	H1	H2	H3	V1	V2
BK BS	H1	V1	V2	H2	H4	H3
Gear type						
BG10Z BF10Z BK10Z BS10Z	0.21	0.11	0.25	0.15	0.34	0.15
BG20Z BF20Z BK20Z BS20Z	0.32	0.15	0.40	0.36	0.57	0.21
BG30Z BF30Z BK30Z BS30Z BM30Z	0.42*	0.21	0.74	0.46	0.74	0.40
BG40Z BF40Z BK40Z BS40Z BM40Z	0.68*	0.36	1.06	0.78	1.27	0.68
BG50Z BF50Z BK50Z	1.06	0.63	1.94	1.48	2.43	1.06
BG60Z BF60Z BK60Z	1.90	1.06	3.28	2.32	4.23	1.48
BG70Z BF70Z BK70Z BF80Z	2.54	1.27	3.80	3.38	5.07	2.96
BG80Z BF90Z BK80Z BG100Z	6.55	2.75	8.45	5.49	10.99	4.23
BG90Z BK90Z	8.88	3.17	11.41	7.40	16.27	6.34

*: with BM30Z/BM40Z the pre-stage lubricant is filled via the main gearbox.

Lubrication quantity in liquid pint

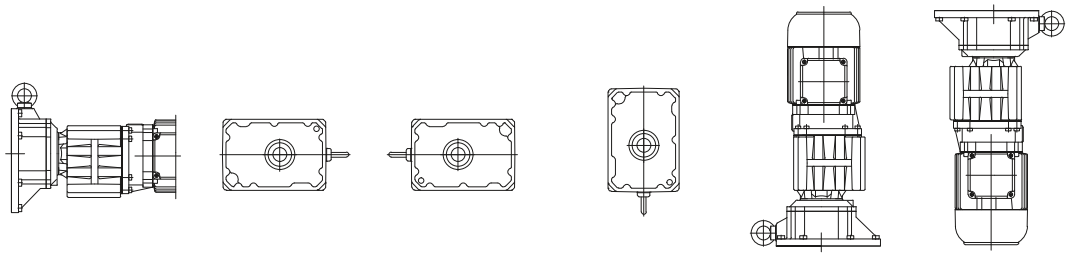
Lubrication quantity for intermediate gear

Definition of the terminal box position

Terminal box position for intermediate gear is similar to the main gearbox that means

Main gearbox BG, BF terminal box pos. I -> intermediate gearbox terminal box pos. I

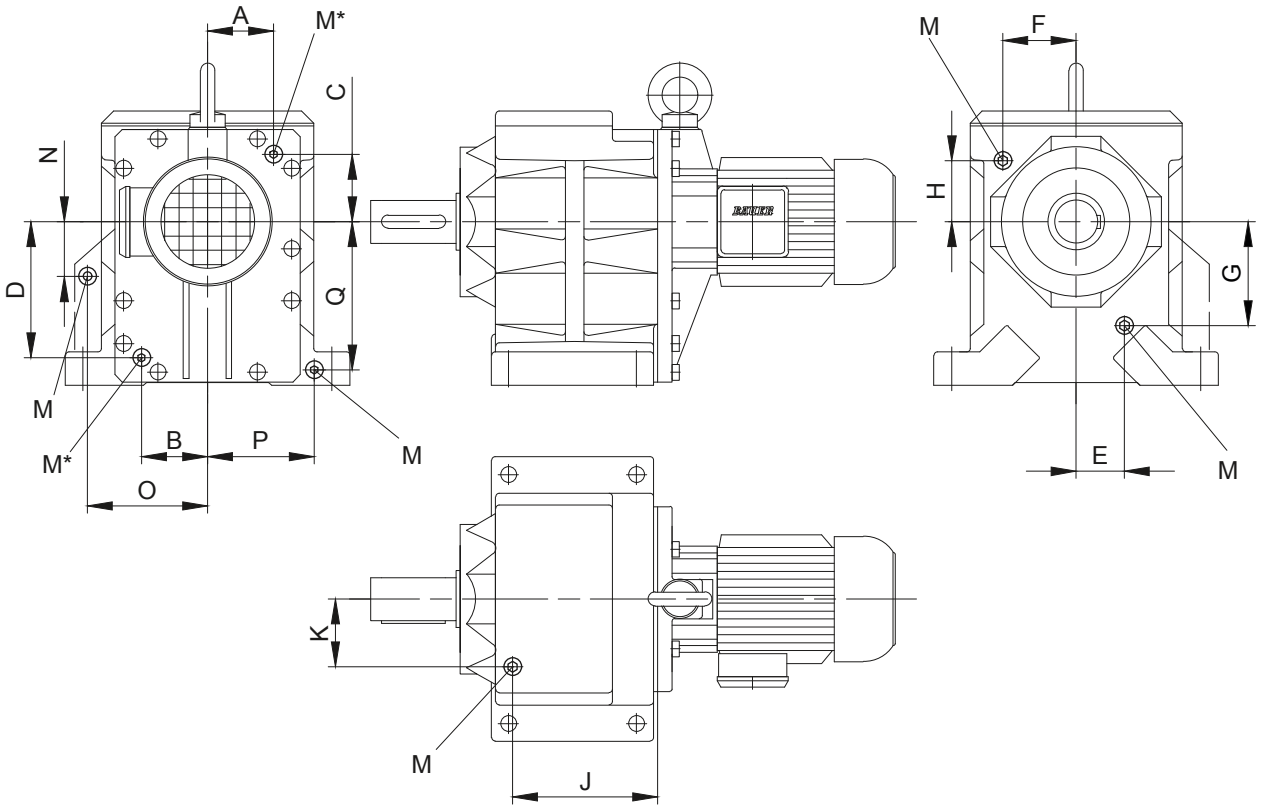
Main gearbox BK, BS terminal box pos. II -> intermediate gearbox terminal box pos. II



Mounting position of main gearbox							
	BF	H4	H1	H2	H3	V1	V2
	BG	B3/B5	B6	B7	B8	V5/H5	V6/H6
	BK	H1	V1	V2	H2	H4	H3
	BS						
Type designation of double gearbox combination							
BG06G04 BK06G04 BS06G04		0.06	0.06	0.06	0.06	0.11	0.11
BG10G06 BF10G06 BK10G06 BS10G06		0.17	0.17	0.17	0.17	0.32	0.32
BG20G06 BF20G06 BK20G06 BS20G06		0.17	0.17	0.17	0.17	0.32	0.32
BG30G06 BF30G06 BK30G06 BS30G06		0.17	0.17	0.17	0.17	0.32	0.32
BG40G10 BF40G10 BK40G10 BS40G10		1.37	1.37	1.37	1.80	2.22	1.80
BG50G10 BF50G10 BK50G10		1.37	1.37	1.37	1.80	2.22	1.80
BG60G20 BF60G20 BK60G20		1.69	1.69	1.69	2.32	2.96	2.32
BG70G20 BF70G20 BK70G20		1.69	1.69	1.69	2.32	2.96	2.32
BG80G40 BF80G40 BK80G40		3.59	3.59	3.59	5.28	6.97	4.44
BG90G50 BF90G50 BK90G50 BG100G50		6.34	6.34	6.34	9.51	11.62	6.97
Lubrication quantity in liquid pint							

Threaded plugs

Position of threaded plugs
-BG-series gears

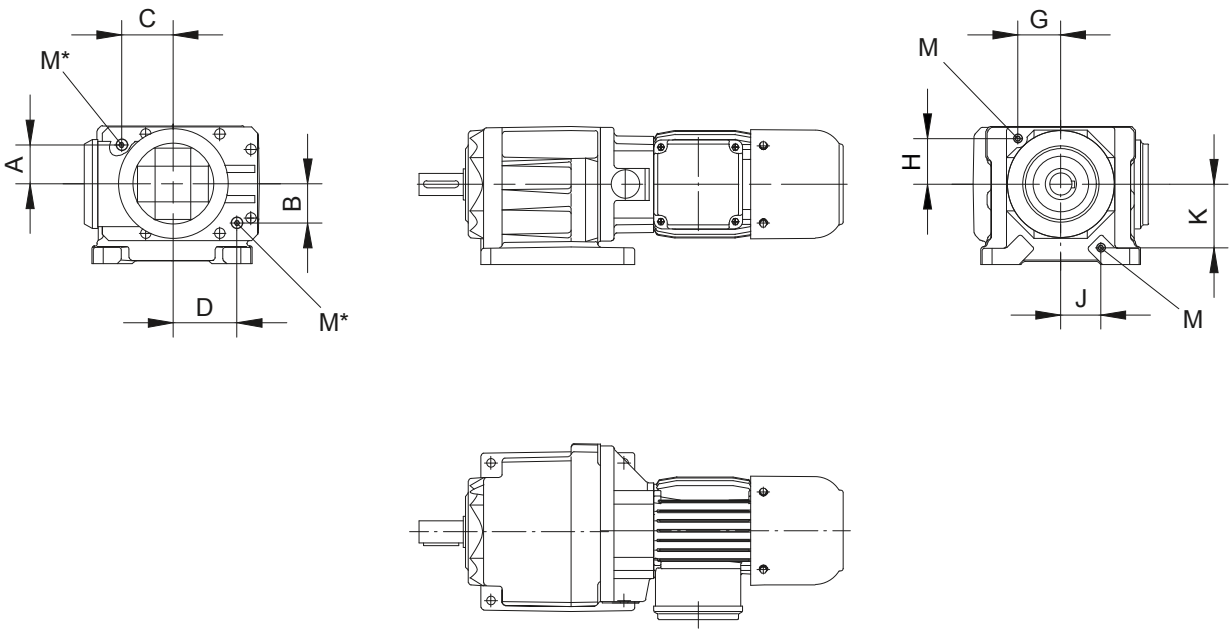


Type		A	B	C	D	E	F	G	H	J	K	N	O	P	Q	M
BG10	Foot housing	see position of the oil drain an filler plugs on the system cover	Tab.I-Tab.III size B.10			1.30	1.65	1.89	1.63	-	-	-	-	-	-	M10x1
BG10	Flange housing		Tab.I-Tab.III size B.10			1.06	-	2.87	-	-	-	-	-	-	-	M10x1
BG15	Foot housing		Tab.I-Tab.III size B.10			-	-	-	-	-	-	-	-	-	-	-
BG20	Foot housing		Tab.I-Tab.III size B.20			-	1.85	-	2.07	-	-	-	-	-	-	M10x1
BG20	Flange housing		Tab.I-Tab.III size B.20			-	1.10	-	2.68	-	-	-	-	-	-	M10x1
BG30	Foot housing		Tab.I-Tab.III size B.30			-	2.13	-	2.28	-	-	-	-	-	-	M10x1
BG30	Flange housing		Tab.I-Tab.III size B.30			-	2.28	-	1.89	-	-	-	-	-	-	M10x1
BG40	Foot housing		Tab.I-Tab.III size B.40			-	2.95	-	1.89	-	-	-	-	-	-	M10x1
BG40	Flange housing		Tab.I-Tab.III size B.40			-	2.95	-	1.89	-	-	-	-	-	-	M10x1.5
BG50	Foot housing		Tab.I-Tab.III size B.50			-	2.09	-	3.94	-	-	-	-	-	-	M10x1.5
BG50	Flange housing		Tab.I-Tab.III size B.50			-	2.09	-	3.94	-	-	-	-	-	-	M10x1.5
BG60	Foot housing		Tab.I-Tab.III size B.60			-	2.76	-	4.69	-	-	-	-	-	-	M10x1.5
BG60	Flange housing		Tab.I-Tab.III size B.60			-	2.76	-	4.69	-	-	-	-	-	-	M10x1.5
BG70			Tab.I-Tab.III size B.70			-	4.06	-	3.39	8.03	3.74	-	-	-	-	M10x1.5
BG80			Tab.I-Tab.III size B.80			-	5.24	-	4.33	9.33	4.37	-	-	-	-	M10x1.5
BG90			Tab.I-Tab.III size B.90			-	6.50	-	4.88	11.69	5.51	-	-	-	-	M24x1.5
BG100			Tab.I-Tab.III size B.80			-	7.95	-	5.04	16.54	6.50	5.32	10.35	7.95	11.54	M24x1.5

M = Plug according to DIN 908
Dimensions in inch

M* = Size and position of the drain plug see page 82.

Position of threaded plugs
-BG-20-01R

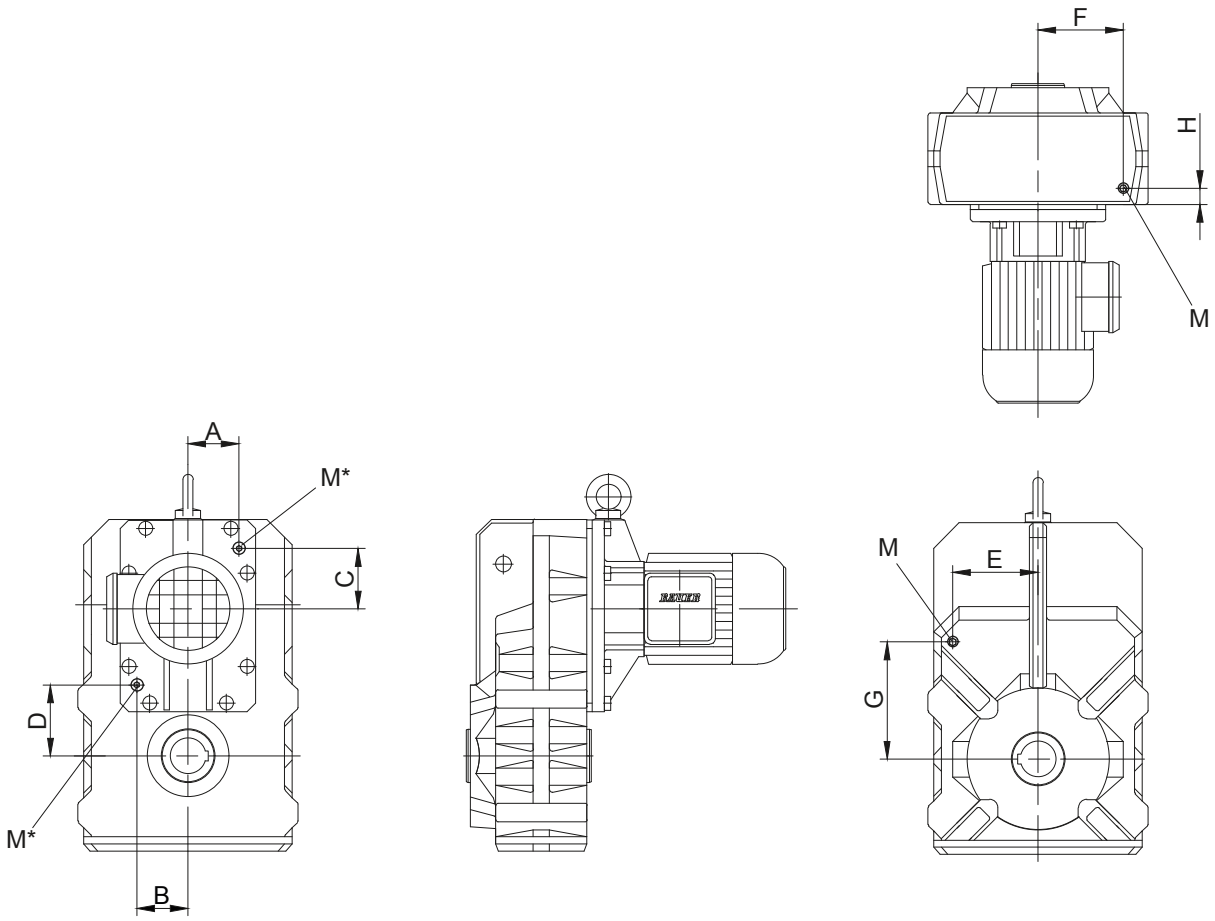


Type	A	B	C	D	G	H	J	K	M
BG20-01R Roller table	see position of the oil drain and filler plugs on the system cover Tab.I-Tab.III size B20				1.91	2.03	1.77	2.82	M10x1
M = Plug according to DIN 908 Dimensions in inch									

M* = Size and position of the drain plug see page 82.

Threaded plugs

Position of threaded plugs
-BF-series gears

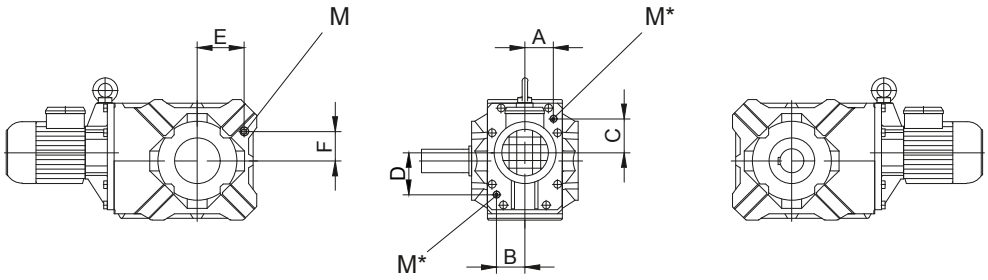


Type	A	B	C	D	E	F	G	H	M
BF06	see position of the oil drain and filler plugs on the system cover	on request							
BF10		Tab.I-Tab.III size		B.10	2.52	2.56	3.82	1.10	M10x1
BF20		Tab.I-Tab.III size		B.20	3.03	2.76	4.53	1.20	M10x1
BF30		Tab.I-Tab.III size		B.30	3.46	3.23	4.92	1.44	M10x1
BF40		Tab.I-Tab.III size		B.40	3.94	3.39	5.55	1.30	M14x1.5
BF50		Tab.I-Tab.III size		B.50	4.72	4.13	6.50	1.67	M14x1.5
BF60		Tab.I-Tab.III size		B.60	5.51	5.71	7.87	1.99	M20x1.5
BF70		Tab.I-Tab.III size		B.70	6.50	6.97	9.25	2.07	M20x1.5
BF80		Tab.I-Tab.III size		B.70	5.71	5.83	10.04	4.84	M20x1.5
BF90		Tab.I-Tab.III size		B.80	6.10	6.93	13.68	10.24	M24x1.5
M = Plug according to DIN 908 Dimensions in inch									

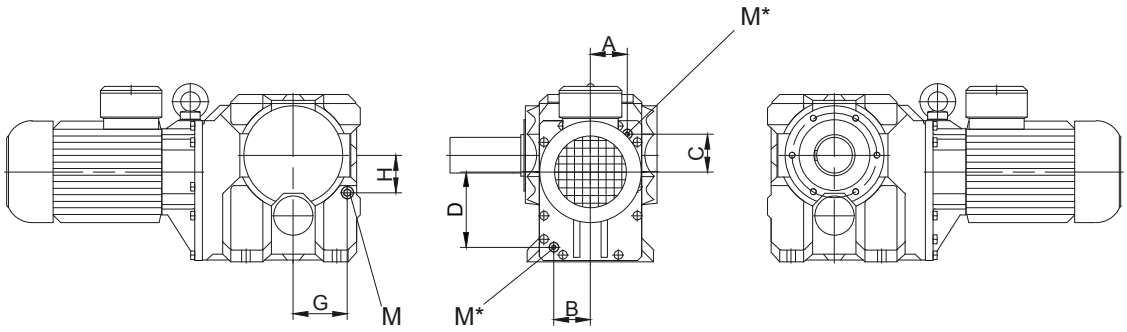
M* = Size and position of the drain plug see page 82.

Position of threaded plugs
-BK-series gears

BK10 - BK50



BK60 - BK90



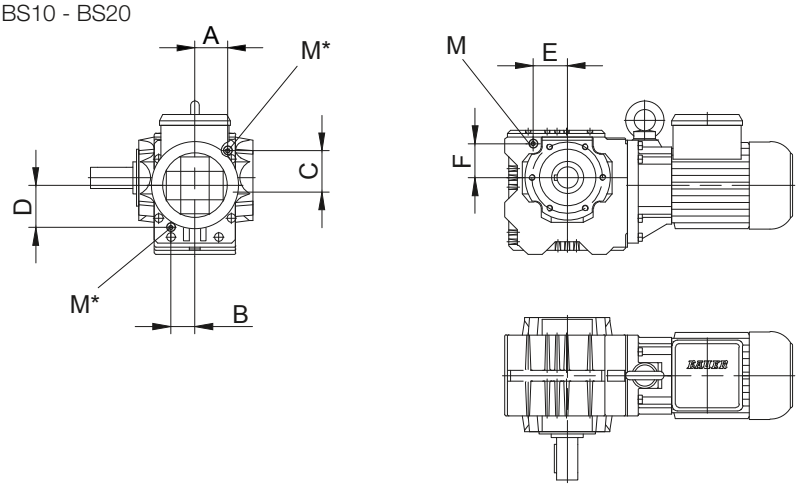
Type	A	B	C	D	E	F	G	H	M
BK06	see position of the oil drain and filler plugs on the system cover	on request							
BK10		Tab.I-Tab.III size B.10			2.44	1.28	-	-	M10x1
BK20		Tab.I-Tab.III size B.20			2.89	1.48	-	-	M10x1
BK30		Tab.I-Tab.III size B.30			3.15	1.69	-	-	M10x1
BK40		Tab.I-Tab.III size B.40			3.46	1.93	-	-	M14x1.5
BK50		Tab.I-Tab.III size B.50			4.65	2.91	-	-	M14x1.5
BK60		Tab.I-Tab.III size B.60			-	-	3.66	3.43	M20x1.5
BK70		Tab.I-Tab.III size B.70			-	-	5.39	3.74	M20x1.5
BK80		Tab.I-Tab.III size B.80			-	-	5.91	4.61	M20x1.5
BK90		Tab.I-Tab.III size B.90			-	-	8.19	5.32	M24x1.5
M = Plug according to DIN 908 Dimensions in inch									

M* = Size and position of the drain plug see page 82.

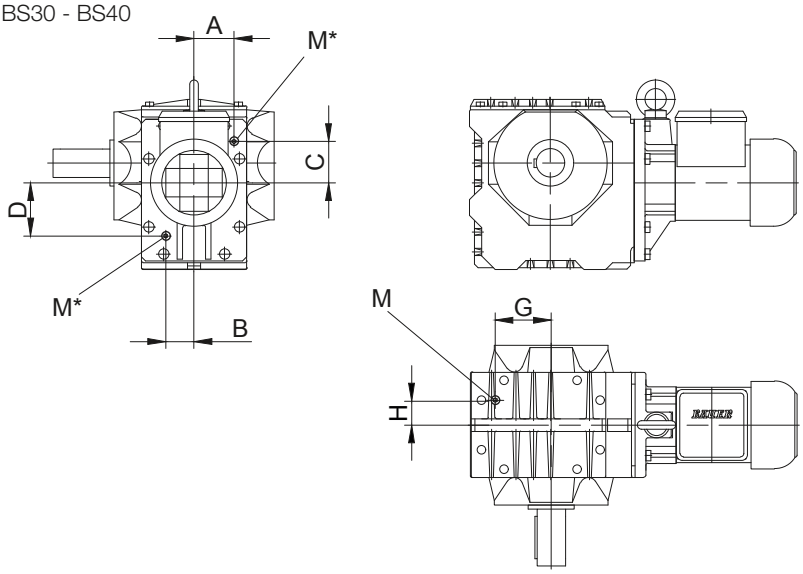
Threaded plugs

Position of threaded plugs
-BS-series gears

BS10 - BS20



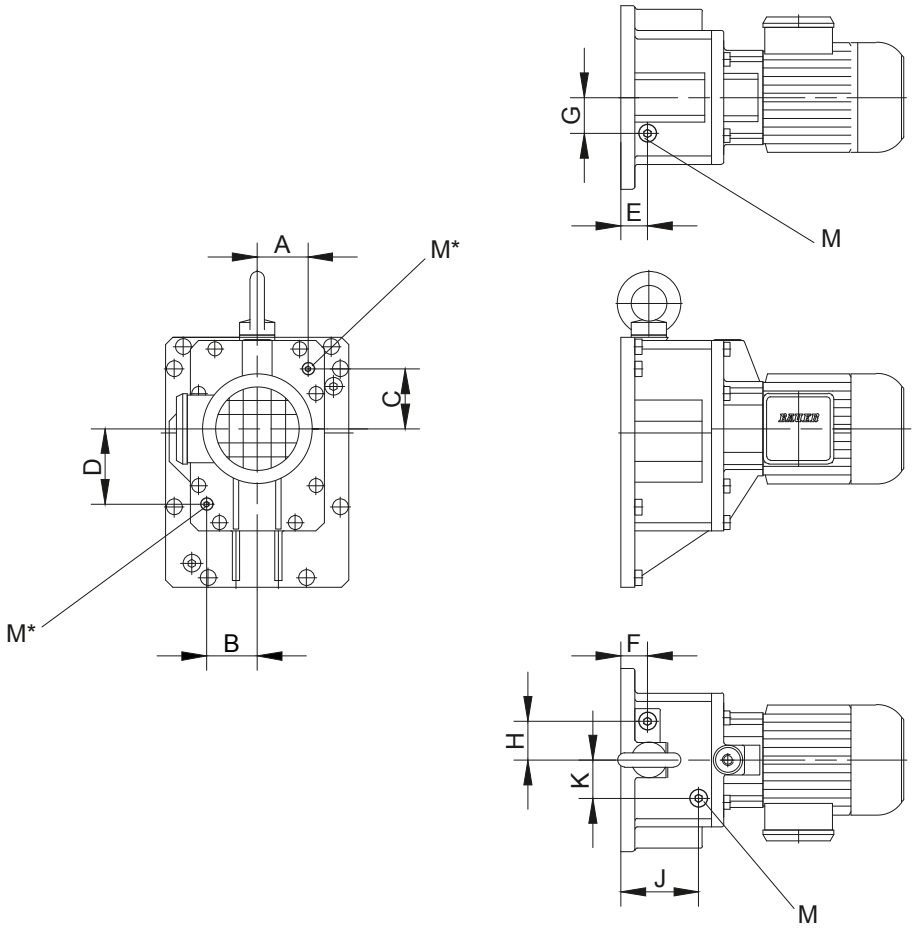
BS30 - BS40



Type	A	B	C	D	E	F	G	H	M
BS10	see position of the oil drain and filler plugs on the system cover	Tab.I-Tab.III size B.10			1.89	1.97	-	-	M10x1
BS20		Tab.I-Tab.III size B.20			2.32	2.48	-	-	M10x1
BS30		Tab.I-Tab.III size B.30			-	-	3.11	1.38	M10x1
BS40		Tab.I-Tab.III size B.40			-	-	3.68	1.63	M14x1.5
M = Plug according to DIN 908 Dimensions in inch									

M* = Size and position of the drain plug see page 82.

Position of threaded plugs
-pre-stage gears (Z)



Gear	A	B	C	D	E	F	G	H	J	K	M
BG10(Z);BK10(Z)	-	-	-	-	0.98	-	0.69	-	1.79	0.98	M10x1
BF10(Z);BS10(Z)											
BG20(Z);BK20(Z)	-	-	-	-	1.93	-	1.12	-	0.93	1.10	M10x1
BF20(Z);BS20(Z)											
BG30(Z);BK30(Z)	see position of the oil drain and filler plugs on the system cover	Tab.I and Tab.III size B10			-	0.94	-	1.18	-	-	M10x1
BF30(Z);BS30(Z)											
BG40(Z);BK40(Z)		Tab.I and Tab.III size B20			-	1.08	-	1.44	-	-	M14x1.5
BF40(Z);BS40(Z)											
BG50(Z);BK50(Z)		Tab.I and Tab.III size B30			-	-	-	-	1.14	1.69	M14x1.5
BF50(Z)											
BG60(Z);BK60(Z)		Tab.I and Tab.III size B40			-	1.30	-	1.89	-	-	M20x1.5
BF60(Z)											
BG70(Z);BK70(Z)		Tab.I and Tab.III size B50			-	1.50	-	2.17	-	-	M20x1.5
BF70(Z);BF80(Z)											
BG80(Z);BK80(Z)		Tab.I and Tab.III size B60			-	1.77	-	2.87	-	-	M20x1.5
BF90(Z);BG100(Z)											
BG90(Z);BK90(Z)		Tab.I and Tab.III size B70			-	1.77	-	2.44	-	-	M24x1.5
M = Plug according to DIN 908 Dimensions in inch											

M* = Size and position of the drain plug see page 82.

Threaded plugs

Position of threaded plugs
-in the System Cover Design with Standard Geared Motor

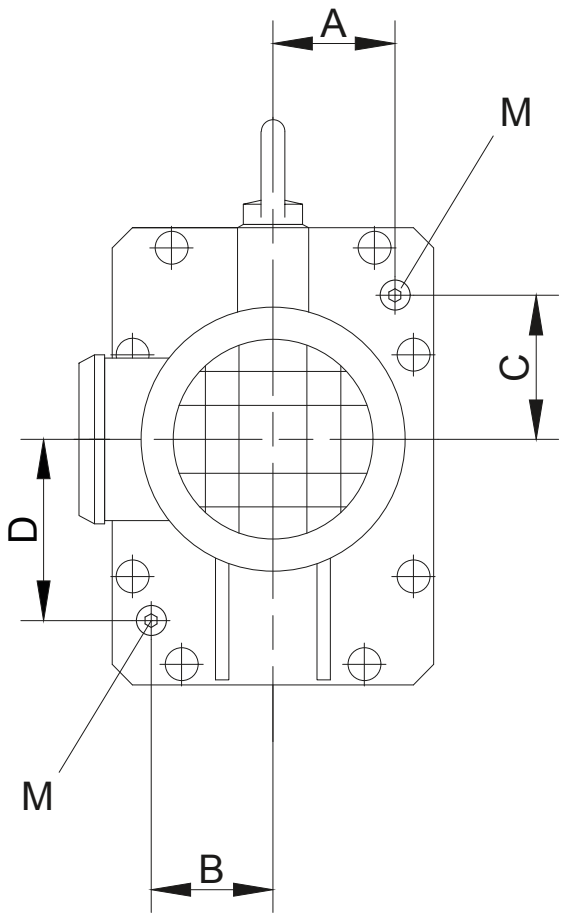


Table I: Design with Standard Geared Motor

Gear	Size	A	B	C	D	M
BG10(Z); BK10(Z);	D05-D..09	1.42	1.34	1.71	2.32	M10x1
BF10(Z);BS10(Z)						
BG15	D05-D..09	1.42	1.34	1.71	2.32	M10x1
BG20(Z); BK20(Z);	D05-D..09	1.73	1.73	2.28	2.85	M10x1
BF20(Z);BS20(Z)						
BG30(Z); BK30(Z);	D05-D..09	2.22	1.57	2.29	2.95	M10x1
BF30(Z);BS30(Z)						
BG40(Z); BK40(Z);	D..08-D..11	2.60	2.80	2.80	3.70	M14x1.5
BF40(Z);BS40(Z)						
BG50(Z); BK50(Z);	D..08-D..11	2.83	2.91	3.35	4.29	M14x1.5
BF50(Z);	D..13-D..16	3.07	2.91	3.23	4.29	M14x1.5
BG60(Z); BK60(Z);	D..09-D..13	3.31	3.19	4.72	6.10	M20x1.5
BF60(Z);	D..16	3.39	3.19	4.72	6.10	M20x1.5
BG70(Z); BK70(Z);	D..09-D..18	3.74	3.35	3.82	7.60	M20x1.5
BF70(Z);BF80(Z)						
BG80(Z); BK80(Z);	D..11-D..18	4.65	4.65	4.33.	9.65	M20x1.5
BF90(Z);BG100(Z)						
BG90(Z); BK90(Z);	D..13-D..18	5.71	5.71	4.57	11.57	M24x1.5
M = Plug according to DIN 908 Dimensions in inch						

Position of the drain plugs for BG, BK, BS and BF gear ranges and pre-stages.

Position of threaded plugs
-in the System Cover Design with foreign motor or gear design with input shaft

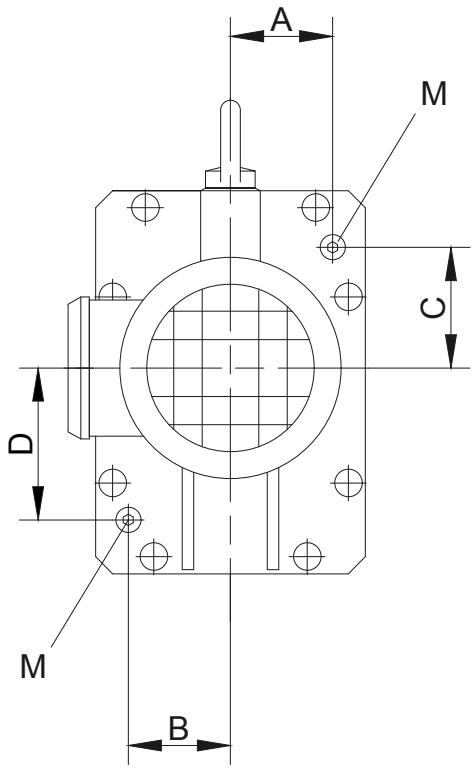


Table II: Design with foreign motor or gear design with input shaft

Gear	A	B	C	D	M
BG10(Z); BK10(Z); BF10(Z);BS10(Z)	1.34	1.34	1.59	2.24	M10x1
BG15	1.34	1.34	1.59	2.24	M10x1
BG20(Z); BK20(Z); BF20(Z);BS20(Z)	1.73	1.73	2.24	2.83	M10x1
BG30(Z); BK30(Z); BF30(Z);BS30(Z)	2.30	1.61	2.27	3.03	M10x1
BG40(Z); BK40(Z); BF40(Z);BS40(Z)	2.72	2.87	2.76	3.82	M14x1.5
BG50(Z); BK50(Z); BF50(Z);	2.95	2.95	3.23	4.33	M14x1.5
BG60(Z); BK60(Z); BF60(Z);	3.31	3.19	4.69	6.10	M20x1.5
BG70(Z); BK70(Z); BF70(Z);BF80(Z)	3.78	3.74	3.78	7.60	M20x1.5
BG80(Z); BK80(Z); BF90(Z);BG100(Z)	4.05	4.65	4.33	9.65	M20x1.5
BG90(Z); BK90(Z);	5.71	5.71	4.57	11.57	M24x1.5
M = Plug according to DIN 908 Dimensions in inch					

Position of the drain plugs for BG, BK, BS and BF gear ranges and pre-stages.

Threaded plugs

Position of threaded plugs
-in the System Cover Design with pre-stage Z

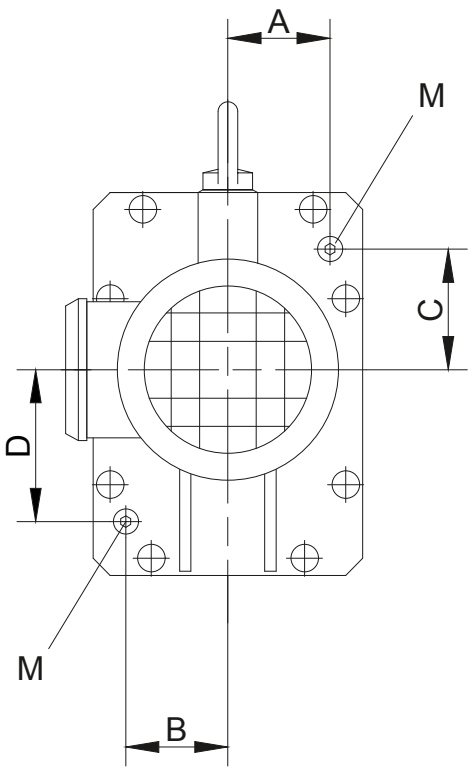
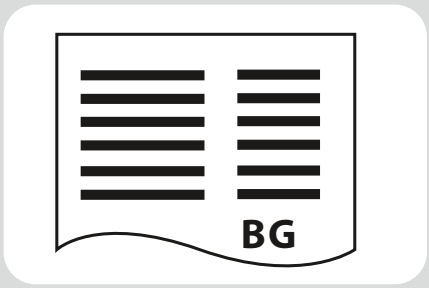


Table III: Design with pre-stage Z

Gear					M
B.10	1.50	1.56	1.73	2.42	M10x1
B.20	1.73	1.73	2.28	2.83	M10x1
B.30	2.32	1.65	2.29	3.03	M10x1
B.40	2.60	2.80	2.80	3.78	M14x1.5
B.50	2.83	2.87	3.35	4.37	M14x1.5
B.60	3.35	3.19	4.72	7.56	M20x1.5
B.70	3.74	3.74	3.82	7.60	M20x1.5
B.80	4.65	4.65	4.33	9.65	M20x1.5
B.90	5.47	5.47	4.88	11.89	M24x1.5
M = Plug according to DIN 908 Dimensions in inch					

Position of the drain plugs for BG, BK, BS and BF gear ranges and pre-stages.



6

BG-series helical-geared motors - Selection

Description of helical-geared units 87
Sizes 87
Bauer service factors (f_B) for helical-geared motors 87
Continuous operation without switching frequency Z ≤1/h 87
Switching duty 87
Bauer service factor 87
Explanation of shock classification 88
Key to abbreviations 88
Selection tables, helical-geared motors 88
Selection helical-geared motors 89

Sizes

Bauer BG-series helical-geared motors are available in 13 standard sizes with torques from 20 Nm to 18,500 Nm. Higher torques are available on request. The geared unit is accommodated in a sturdy cast housing.

Bauer service factors (f_B) for helical-geared motors

Of the numerous factors influencing the total loading of a geared unit, the most important include:

Mean torque (rated torque)

- Daily operating hours
- Severity of torque peaks (shock classification)
- Frequency of torque peaks (switching duty)

These factors can be represented in a simplified and practical manner by
The tables and explanations below aim to provide an objective description of the **shock classification**, rather than a classification of the driven machinery. Experience has shown that, in addition to the torque shocks caused by the driven machinery (M_x/M_N), above all the power transmission components (clutches, chains etc.) plus the mass ratios play a decisive role in this.

See Bauer special imprint SD32 for more information (available on request).

Continuous operation without switching frequency Z ≤1/h

Factor f_1 for shock classification and operating time

Shock classification	Operating hours per day t_d	>4 h	>8 h	>16 h
		≤8 h	≤16 h	≤24 h
I		0.8	1.0	1.2
II		1.05	1.25	1.45
III		1.45	1.55	1.7

Switching duty

Factor f_2 for shock classification and switching frequency
Switching frequency in single-shift operation t_d ≤8 h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	0.95	1.1	1.15
II	1.2	1.35	1.4
III	1.55	1.6	1.6

Switching frequency in multiple-shift operation t_d >8 h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	1.3	1.45	1.5
II	1.5	1.6	1.65
III	1.75	1.8	1.8

Bauer service factor

Bauer service factor $f_B = f_1$ or $f_B = f_2$

For example: Shock classification II for Z = 100 switching operations per hour and multiple-shift operation yields a service factor $f_B = f_2 = 1.5$

Explanation of shock classification

Shock classification I:
Uniform without shock loads. All the following requirements must be satisfied:
- FI ≤1.3
- M_x/M_N ≤1.0
- Shock-absorbing power transmission components (e.g. highly resilient, zero-play coupling, φ N≥ 5°)

Shock classification II:
Moderate shock loads. At least one of the following conditions applies:
- 1.3 <FI ≤4
- 1 <M_x/M_N ≤1.6
- Shock-neutral power transmission components (e.g. gear wheels, zero- play rigid coupling or resilient coupling with φ N <5°)

Shock classification III:
Heavy shock loads. At least one of the following conditions applies:
- FI >4
- 1.6 <M_x/M_N ≤2.0
- Shock-amplifying power transmission components (e.g. coupling with play or chain drive)

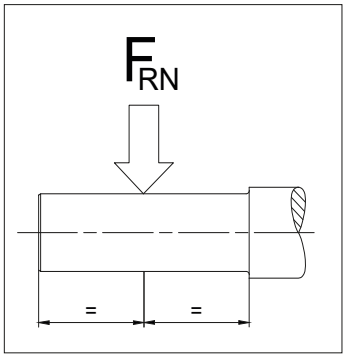
Key to abbreviations

Z	Switching duty number of switching operations per hour
t_d	Daily operating time in hours (h/d)
FI	Factor of inertia FI = (J_{ext} + J_{rot})/J_{rot}
J_{ext}	Mass moment of inertia of the machine to be driven, in relation to the motor's rotor shaft (kgm²)
J_{rot}	Mass moment of inertia of the motor rotor (kgm²)
M_x	Highest impact torque above the static torque which can occur during normal operation or in emergency situations
M_N	Required static load torque for the application
M_x/M_N	Relative torque - Factor
φ_N	Torsional offset of the resilient coupling under rated torque

Selection tables, helical-geared motors

Key to abbreviations

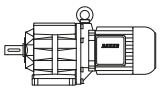
P	Rated output Power
n_2	Rated speed of the output shaft
i	Gear reduction ratio
M_2	Rated torque at the output shaft
f_B	Bauer service factor
F_{RN}	Maximum permissible radial force with a standard solid shaft (Code -.1 and -.7)
F_{RV}	Maximum permissible radial force with reinforced bearings in each case with standard solid shaft (Code -.1 and -.7)



Use the selection tables to determine the size of geared motor required. The codes clearly define the Type of gear (see chapter 10 "dimensional drawings, helical-geared motors"). The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

Motor power overload protection
Motor-power ratings, particularly in conjunction with four-stage and multi-stage gear units, are more than ample in some instances. Consequently, and in much the same way as with low-power motors, rated current is not a measure of gear loading and cannot be used to protect the gear unit against overloading. It is advisable to provide gears at risk from excessive load or blockage with a protective mechanism (e. g., slip clutch, slip hub, shear pin or an alternative).

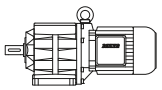
0.075 HP (0.055 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.075 HP (0.055 kW)	650	5.0	7	0.8	**BG04-../D04LA4**	2.51	76	340	-	-	10	4.4
0.075 HP (0.055 kW)	445	4.2	10	1.18	**BG04-../D04LA4**	3.65	88	390	-	-	10	4.4
0.075 HP (0.055 kW)	370	5.0	12	1.41	**BG04-../D04LA4**	4.39	85	380	-	-	10	4.4
0.075 HP (0.055 kW)	305	5.2	15	1.72	**BG04-../D04LA4**	5.36	85	380	-	-	10	4.4
0.075 HP (0.055 kW)	265	5.6	18	1.98	**BG04-../D04LA4**	6.18	93	415	-	-	10	4.4
0.075 HP (0.055 kW)	245	4.8	19	2.1	**BG04-../D04LA4**	6.67	92	410	-	-	10	4.4
0.075 HP (0.055 kW)	240	5.1	19	2.15	**BG04-../D04LA4**	6.80	94	420	-	-	10	4.4
0.075 HP (0.055 kW)	189	4.0	24	2.75	**BG04-../D04LA4**	8.58	92	410	-	-	10	4.4
0.075 HP (0.055 kW)	180	4.1	26	2.9	**BG04-../D04LA4**	9.00	106	470	-	-	10	4.4
0.075 HP (0.055 kW)	164	4.1	28	3.2	**BG04-../D04LA4**	9.90	108	480	-	-	10	4.4
0.075 HP (0.055 kW)	150	4.0	31	3.5	**BG04-../D04LA4**	10.82	108	480	-	-	10	4.4
0.075 HP (0.055 kW)	137	3.9	34	3.8	**BG04-../D04LA4**	11.90	110	490	-	-	10	4.4
0.075 HP (0.055 kW)	130	3.8	35	4.0	**BG04-../D04LA4**	12.55	110	490	-	-	10	4.4
0.075 HP (0.055 kW)	123	3.8	38	4.25	**BG04-../D04LA4**	13.20	112	500	-	-	10	4.4
0.075 HP (0.055 kW)	112	3.7	41	4.65	**BG04-../D04LA4**	14.52	115	510	-	-	10	4.4
0.075 HP (0.055 kW)	99	3.4	47	5.3	**BG04-../D04LA4**	16.44	119	530	-	-	10	4.4
0.075 HP (0.055 kW)	90	3.1	51	5.8	**BG04-../D04LA4**	18.08	121	540	-	-	10	4.4
0.075 HP (0.055 kW)	77	2.8	60	6.8	**BG04-../D04LA4**	21.12	126	560	-	-	10	4.4
0.075 HP (0.055 kW)	70	2.7	66	7.5	**BG04-../D04LA4**	23.23	135	600	-	-	10	4.4
0.075 HP (0.055 kW)	67	2.6	69	7.8	**BG04-../D04LA4**	24.45	137	610	-	-	10	4.4
0.075 HP (0.055 kW)	61	2.3	76	8.6	**BG04-../D04LA4**	26.89	146	650	-	-	10	4.4
0.075 HP (0.055 kW)	54	3.1	86	9.7	**BG05-../D04LA4**	30.35	171	760	-	-	11	5.1
0.075 HP (0.055 kW)	53	2.0	88	9.9	**BG04-../D04LA4**	30.91	155	690	-	-	10	4.4
0.075 HP (0.055 kW)	48	1.85	96	10.9	**BG04-../D04LA4**	34.00	162	720	-	-	10	4.4
0.075 HP (0.055 kW)	46.5	2.7	99	11.2	**BG05-../D04LA4**	35.00	182	810	-	-	11	5.1
0.075 HP (0.055 kW)	46	1.75	101	11.4	**BG04-../D04LA4**	35.35	164	730	-	-	10	4.4
0.075 HP (0.055 kW)	42.5	2.4	109	12.3	**BG05-../D04LA4**	38.18	191	850	-	-	11	5.1
0.075 HP (0.055 kW)	42	1.6	111	12.5	**BG04-../D04LA4**	38.89	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	41	2.3	113	12.8	**BG05-../D04LA4**	39.94	193	860	-	-	11	5.1
0.075 HP (0.055 kW)	38.5	1.45	120	13.6	**BG04-../D04LA4**	42.24	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	37.5	2.1	124	14	**BG05-../D04LA4**	43.57	202	900	-	-	11	5.1
0.075 HP (0.055 kW)	35.5	3.1	130	14.7	**BG06-../D04LA4**	46.19	200	890	-	-	13	6.1
0.075 HP (0.055 kW)	34.5	1.3	135	15.2	**BG04-../D04LA4**	47.52	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	34.5	1.95	135	15.2	**BG05-../D04LA4**	47.00	209	930	-	-	11	5.1
0.075 HP (0.055 kW)	32.5	2.8	142	16.1	**BG06-../D04LA4**	50.38	211	940	-	-	13	6.1
0.075 HP (0.055 kW)	32	1.85	145	16.4	**BG05-../D04LA4**	51.27	218	970	-	-	11	5.1
0.075 HP (0.055 kW)	31	1.2	150	16.9	**BG04-../D04LA4**	52.28	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	31	2.7	150	16.9	**BG06-../D04LA4**	52.56	214	950	-	-	13	6.1
0.075 HP (0.055 kW)	30.5	1.75	152	17.2	**BG05-../D04LA4**	53.44	220	980	-	-	11	5.1
0.075 HP (0.055 kW)	29.5	1.1	158	17.8	**BG04-../D04LA4**	54.97	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	28.5	2.4	163	18.4	**BG06-../D04LA4**	57.34	225	1000	-	-	13	6.1
0.075 HP (0.055 kW)	28	1.6	166	18.7	**BG05-../D04LA4**	58.30	225	1000	-	-	11	5.1
0.075 HP (0.055 kW)	27	1.05	172	19.4	**BG04-../D04LA4**	60.47	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	26.5	2.3	175	19.8	**BG06-../D04LA4**	61.22	229	1020	-	-	13	6.1
0.075 HP (0.055 kW)	24.5	2.1	186	21	**BG06-../D04LA4**	66.79	241	1070	-	-	13	6.1
0.075 HP (0.055 kW)	21.5	1.8	195	22	**BG06G04-../D04LA4**	75.99	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	20	1.85	208	23.5	**BG06G04-../D04LA4**	82.89	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	17.5	1.65	239	27	**BG06G04-../D04LA4**	93.00	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	16	1.5	266	30	**BG06G04-../D04LA4**	101.5	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	13.5	1.3	310	35	**BG06G04-../D04LA4**	122.0	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	13.5	3.1	341	38.5	**BG10Z-../D04LA4**	121.7	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	12.5	2.9	372	42	**BG10Z-../D04LA4**	131.8	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	11.5	2.6	403	45.5	**BG10Z-../D04LA4**	146.0	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	11	1.05	376	42.5	**BG06G04-../D04LA4**	149.0	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	9.8	2.3	469	53	**BG10Z-../D04LA4**	166.0	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	8.9	2.0	522	59	**BG10Z-../D04LA4**	184.0	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	8.8	0.83	478	54	**BG06G04-../D04LA4**	185.4	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	8.4	1.95	549	62	**BG10Z-../D04LA4**	194.6	450	2000	629	2800	24	11

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

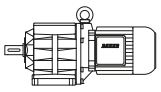
0.075 HP (0.055 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.075 HP (0.055 kW)	8.2	3.1	566	64	**BG20Z-../D04LA4**	199.9	1124	5000	-	-	29	13
0.075 HP (0.055 kW)	7.6	1.75	611	69	**BG10Z-../D04LA4**	215.7	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	7.3	2.8	628	71	**BG20Z-../D04LA4**	222.1	1124	5000	-	-	29	13
0.075 HP (0.055 kW)	6.8	1.55	682	77	**BG10Z-../D04LA4**	240.4	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	6.5	1.0	398*	45*	**BG06G04-../D04LA4**	250.2	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	5.9	1.0	398*	45*	**BG06G04-../D04LA4**	275.2	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	5.9	1.35	788	89	**BG10Z-../D04LA4**	276.0	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	5.5	3.3	584	66	**BG20G06-../D04LA4**	297.9	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	5.3	1.2	876	99	**BG10Z-../D04LA4**	305.8	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	4.9	1.0	398*	45*	**BG06G04-../D04LA4**	330.8	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	4.9	1.75	664	75	**BG10G06-../D04LA4**	332.0	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	4.7	2.7	735	83	**BG20G06-../D04LA4**	352.1	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	4.5	1.0	398*	45*	**BG06G04-../D04LA4**	367.0	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	4.3	1.45	805	91	**BG10G06-../D04LA4**	379.6	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	4.2	2.4	823	93	**BG20G06-../D04LA4**	391.1	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	3.8	1.25	912	103	**BG10G06-../D04LA4**	435.9	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	3.6	1.0	398*	45*	**BG06G04-../D04LA4**	457.0	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	3.6	2.0	982	111	**BG20G06-../D04LA4**	460.0	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	3.5	2.8	1018	115	**BG30G06-../D04LA4**	472.8	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	3.3	1.0	398*	45*	**BG06G04-../D04LA4**	502.6	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	3.2	1.05	1115	126	**BG10G06-../D04LA4**	512.6	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	3.0	1.6	1221	138	**BG20G06-../D04LA4**	550.6	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	2.9	2.3	1266	143	**BG30G06-../D04LA4**	565.8	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	2.8	1.0	398*	45*	**BG06G04-../D04LA4**	587.1	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	2.7	0.85	1354	153	**BG10G06-../D04LA4**	613.6	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	2.6	1.0	398*	45*	**BG06G04-../D04LA4**	645.8	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	2.5	1.3	1496	169	**BG20G06-../D04LA4**	671.9	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	2.4	1.85	1567	177	**BG30G06-../D04LA4**	690.6	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	2.2	1.0	398*	45*	**BG06G04-../D04LA4**	747.5	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	2.2	1.0	1151*	130*	**BG10G06-../D04LA4**	748.9	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	2.2	1.65	1726	195	**BG30G06-../D04LA4**	760.7	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	2.1	1.05	1814	205	**BG20G06-../D04LA4**	807.1	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	2.0	1.5	1903	215	**BG30G06-../D04LA4**	829.5	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	1.9	1.0	398*	45*	**BG06G04-../D04LA4**	859.3	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	1.9	1.0	1151*	130*	**BG10G06-../D04LA4**	899.5	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	1.8	1.0	398*	45*	**BG06G04-../D04LA4**	945.2	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	1.7	0.85	2301	260	**BG20G06-../D04LA4**	969.9	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	1.7	1.25	2301	260	**BG30G06-../D04LA4**	996.8	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	1.5	1.0	398*	45*	**BG06G04-../D04LA4**	1081	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	1.5	1.0	1151*	130*	**BG10G06-../D04LA4**	1081	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	1.5	1.0	1947*	220*	**BG20G06-../D04LA4**	1142	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	1.5	1.1	2655	300	**BG30G06-../D04LA4**	1088	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	1.4	1.0	398*	45*	**BG06G04-../D04LA4**	1174	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	1.3	1.0	398*	45*	**BG06G04-../D04LA4**	1321	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	1.3	1.0	1151*	130*	**BG10G06-../D04LA4**	1272	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	1.3	0.93	3098	350	**BG30G06-../D04LA4**	1280	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	1.2	1.0	1947*	220*	**BG20G06-../D04LA4**	1366	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	1.2	0.86	3363	380	**BG30G06-../D04LA4**	1404	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	1.1	1.0	398*	45*	**BG06G04-../D04LA4**	1528	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	1.1	1.0	1151*	130*	**BG10G06-../D04LA4**	1523	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	1.0	1.0	398*	45*	**BG06G04-../D04LA4**	1681	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	1.0	1.0	1947*	220*	**BG20G06-../D04LA4**	1672	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.95	1.0	2876*	325*	**BG30G06-../D04LA4**	1718	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.9	1.0	1151*	130*	**BG10G06-../D04LA4**	1863	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.9	1.0	1947*	220*	**BG20G06-../D04LA4**	1824	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.9	1.0	2876*	325*	**BG30G06-../D04LA4**	1875	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.85	1.0	398*	45*	**BG06G04-../D04LA4**	1948	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	0.8	1.0	398*	45*	**BG06G04-../D04LA4**	2126	241	1070	-	-	19	8.4

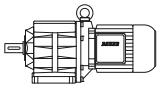
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.075 HP (0.055 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.075 HP (0.055 kW)	0.8	1.0	1947*	220*	**BG20G06-../D04LA4**	2114	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.75	1.0	2876*	325*	**BG30G06-../D04LA4**	2173	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.7	1.0	398*	45*	**BG06G04-../D04LA4**	2435	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	0.7	1.0	1151*	130*	**BG10G06-../D04LA4**	2356	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.7	1.0	1947*	220*	**BG20G06-../D04LA4**	2422	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.65	1.0	1151*	130*	**BG10G06-../D04LA4**	2699	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.65	1.0	1947*	220*	**BG20G06-../D04LA4**	2642	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.6	1.0	1151*	130*	**BG10G06-../D04LA4**	2944	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.6	1.0	2876*	325*	**BG30G06-../D04LA4**	2715	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.55	1.0	1947*	220*	**BG20G06-../D04LA4**	3031	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.55	1.0	2876*	325*	**BG30G06-../D04LA4**	3115	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.5	1.0	1947*	220*	**BG20G06-../D04LA4**	3306	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.48	1.0	1151*	130*	**BG10G06-../D04LA4**	3378	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.48	1.0	2876*	325*	**BG30G06-../D04LA4**	3398	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.44	1.0	1151*	130*	**BG10G06-../D04LA4**	3684	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.42	1.0	2876*	325*	**BG30G06-../D04LA4**	3867	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.41	1.0	1947*	220*	**BG20G06-../D04LA4**	4017	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.37	1.0	1151*	130*	**BG10G06-../D04LA4**	4477	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.37	1.0	1947*	220*	**BG20G06-../D04LA4**	4383	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.36	1.0	2876*	325*	**BG30G06-../D04LA4**	4504	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.34	1.0	1151*	130*	**BG10G06-../D04LA4**	4884	450	2000	629	2800	31	14

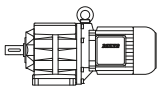
0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	650	3.6	10	1.1	**BG04-../D04LA4**	2.51	76	340	-	-	10	4.4
0.1 HP (0.075 kW)	445	3.1	14	1.6	**BG04-../D04LA4**	3.65	88	390	-	-	10	4.4
0.1 HP (0.075 kW)	370	3.6	17	1.93	**BG04-../D04LA4**	4.39	85	380	-	-	10	4.4
0.1 HP (0.075 kW)	305	3.9	20	2.3	**BG04-../D04LA4**	5.36	85	380	-	-	10	4.4
0.1 HP (0.075 kW)	265	4.1	24	2.7	**BG04-../D04LA4**	6.18	93	415	-	-	10	4.4
0.1 HP (0.075 kW)	245	3.4	26	2.9	**BG04-../D04LA4**	6.67	92	410	-	-	10	4.4
0.1 HP (0.075 kW)	240	3.7	26	2.95	**BG04-../D04LA4**	6.80	94	420	-	-	10	4.4
0.1 HP (0.075 kW)	189	2.9	33	3.75	**BG04-../D04LA4**	8.58	92	410	-	-	10	4.4
0.1 HP (0.075 kW)	180	3.0	35	3.95	**BG04-../D04LA4**	9.00	106	470	-	-	10	4.4
0.1 HP (0.075 kW)	164	3.0	39	4.35	**BG04-../D04LA4**	9.90	108	480	-	-	10	4.4
0.1 HP (0.075 kW)	150	2.9	42	4.75	**BG04-../D04LA4**	10.82	108	480	-	-	10	4.4
0.1 HP (0.075 kW)	137	2.9	46	5.2	**BG04-../D04LA4**	11.90	110	490	-	-	10	4.4
0.1 HP (0.075 kW)	130	2.7	49	5.5	**BG04-../D04LA4**	12.55	110	490	-	-	10	4.4
0.1 HP (0.075 kW)	123	2.8	51	5.8	**BG04-../D04LA4**	13.20	112	500	-	-	10	4.4
0.1 HP (0.075 kW)	112	2.7	56	6.3	**BG04-../D04LA4**	14.52	115	510	-	-	10	4.4
0.1 HP (0.075 kW)	99	2.5	64	7.2	**BG04-../D04LA4**	16.44	119	530	-	-	10	4.4
0.1 HP (0.075 kW)	90	2.3	70	7.9	**BG04-../D04LA4**	18.08	121	540	-	-	10	4.4
0.1 HP (0.075 kW)	87	3.2	73	8.2	**BG05-../D04LA4**	18.82	153	680	-	-	11	5.1
0.1 HP (0.075 kW)	79	3.0	80	9.0	**BG05-../D04LA4**	20.53	157	700	-	-	11	5.1
0.1 HP (0.075 kW)	77	2.0	82	9.3	**BG04-../D04LA4**	21.12	126	560	-	-	10	4.4
0.1 HP (0.075 kW)	70	1.95	90	10.2	**BG04-../D04LA4**	23.23	135	600	-	-	10	4.4
0.1 HP (0.075 kW)	68	2.7	93	10.5	**BG05-../D04LA4**	24.00	166	740	-	-	11	5.1
0.1 HP (0.075 kW)	67	1.9	94	10.6	**BG04-../D04LA4**	24.45	137	610	-	-	10	4.4
0.1 HP (0.075 kW)	62	2.5	102	11.5	**BG05-../D04LA4**	26.18	171	760	-	-	11	5.1
0.1 HP (0.075 kW)	61	1.7	104	11.7	**BG04-../D04LA4**	26.89	146	650	-	-	10	4.4

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

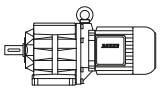
0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	59	2.5	107	12.1	**BG05-../D04LA4**	27.82	173	770	-	-	11	5.1
0.1 HP (0.075 kW)	54	2.3	117	13.2	**BG05-../D04LA4**	30.35	171	760	-	-	11	5.1
0.1 HP (0.075 kW)	53	1.5	119	13.5	**BG04-../D04LA4**	30.91	155	690	-	-	10	4.4
0.1 HP (0.075 kW)	51	3.2	124	14	**BG06-../D04LA4**	32.22	200	890	-	-	13	6.1
0.1 HP (0.075 kW)	48	1.35	132	14.9	**BG04-../D04LA4**	34.00	162	720	-	-	10	4.4
0.1 HP (0.075 kW)	46.5	1.95	136	15.4	**BG05-../D04LA4**	35.00	182	810	-	-	11	5.1
0.1 HP (0.075 kW)	46.5	2.9	136	15.4	**BG06-../D04LA4**	35.15	198	880	-	-	13	6.1
0.1 HP (0.075 kW)	46	1.3	137	15.5	**BG04-../D04LA4**	35.35	164	730	-	-	10	4.4
0.1 HP (0.075 kW)	44	2.8	143	16.2	**BG06-../D04LA4**	36.91	200	890	-	-	13	6.1
0.1 HP (0.075 kW)	42.5	1.8	149	16.8	**BG05-../D04LA4**	38.18	191	850	-	-	11	5.1
0.1 HP (0.075 kW)	42	1.2	150	17	**BG04-../D04LA4**	38.89	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	41	1.7	154	17.4	**BG05-../D04LA4**	39.94	193	860	-	-	11	5.1
0.1 HP (0.075 kW)	40.5	2.6	156	17.6	**BG06-../D04LA4**	40.26	200	890	-	-	13	6.1
0.1 HP (0.075 kW)	38.5	1.1	165	18.6	**BG04-../D04LA4**	42.24	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	37.5	1.55	169	19.1	**BG05-../D04LA4**	43.57	202	900	-	-	11	5.1
0.1 HP (0.075 kW)	35.5	2.3	177	20	**BG06-../D04LA4**	46.19	200	890	-	-	13	6.1
0.1 HP (0.075 kW)	34.5	0.98	181	20.5	**BG04-../D04LA4**	47.52	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	34.5	1.45	181	20.5	**BG05-../D04LA4**	47.00	209	930	-	-	11	5.1
0.1 HP (0.075 kW)	32.5	2.0	195	22	**BG06-../D04LA4**	50.38	211	940	-	-	13	6.1
0.1 HP (0.075 kW)	32	1.35	195	22	**BG05-../D04LA4**	51.27	218	970	-	-	11	5.1
0.1 HP (0.075 kW)	31	0.87	204	23	**BG04-../D04LA4**	52.28	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	31	1.95	204	23	**BG06-../D04LA4**	52.56	214	950	-	-	13	6.1
0.1 HP (0.075 kW)	30.5	1.3	204	23	**BG05-../D04LA4**	53.44	220	980	-	-	11	5.1
0.1 HP (0.075 kW)	29.5	0.83	212	24	**BG04-../D04LA4**	54.97	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	28.5	1.8	221	25	**BG06-../D04LA4**	57.34	225	1000	-	-	13	6.1
0.1 HP (0.075 kW)	28	1.2	226	25.5	**BG05-../D04LA4**	58.30	225	1000	-	-	11	5.1
0.1 HP (0.075 kW)	26.5	1.65	239	27	**BG06-../D04LA4**	61.22	229	1020	-	-	13	6.1
0.1 HP (0.075 kW)	24.5	1.55	257	29	**BG06-../D04LA4**	66.79	241	1070	-	-	13	6.1
0.1 HP (0.075 kW)	21.5	1.3	274	31	**BG06G04-../D04LA4**	75.99	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	20	1.3	296	33.5	**BG06G04-../D04LA4**	82.89	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	19	3.2	332	37.5	**BG10Z-../D06LA4**	85.76	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	18	3.0	350	39.5	**BG10Z-../D06LA4**	92.19	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	17.5	1.2	336	38	**BG06G04-../D04LA4**	93.00	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	16	1.1	367	41.5	**BG06G04-../D04LA4**	101.5	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	16	2.7	394	44.5	**BG10Z-../D06LA4**	102.1	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	15	2.5	420	47.5	**BG10Z-../D06LA4**	109.8	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	13.5	0.92	434	49	**BG06G04-../D04LA4**	122.0	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	13.5	2.3	469	53	**BG10Z-../D06LA4**	121.7	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	12.5	2.1	504	57	**BG10Z-../D06LA4**	131.8	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	11.5	1.95	549	62	**BG10Z-../D06LA4**	146.0	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	11.5	3.2	549	62	**BG20Z-../D06LA4**	141.3	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	10.5	2.9	602	68	**BG20Z-../D06LA4**	157.0	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	10	2.8	628	71	**BG20Z-../D06LA4**	162.2	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	9.8	1.65	646	73	**BG10Z-../D06LA4**	166.0	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	9.0	2.5	699	79	**BG20Z-../D06LA4**	180.1	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	8.9	1.5	708	80	**BG10Z-../D06LA4**	184.0	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	8.4	1.4	752	85	**BG10Z-../D06LA4**	194.6	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	8.2	2.3	770	87	**BG20Z-../D06LA4**	199.9	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	7.6	1.3	832	94	**BG10Z-../D06LA4**	215.7	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	7.3	2.0	867	98	**BG20Z-../D06LA4**	222.1	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	7.2	3.0	876	99	**BG30Z-../D06LA4**	225.9	1349	6000	-	-	49	22
0.1 HP (0.075 kW)	6.8	1.15	929	105	**BG10Z-../D06LA4**	240.4	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	6.6	2.7	726	82	**BG20G06-../D06LA4**	248.0	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	6.5	2.7	974	110	**BG30Z-../D06LA4**	250.6	1349	6000	-	-	49	22
0.1 HP (0.075 kW)	6.2	2.6	1018	115	**BG30Z-../D06LA4**	261.9	1349	6000	-	-	49	22
0.1 HP (0.075 kW)	5.9	0.99	1071	121	**BG10Z-../D06LA4**	276.0	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	5.6	2.4	1124	127	**BG30Z-../D06LA4**	290.5	1349	6000	-	-	49	22
0.1 HP (0.075 kW)	5.5	2.2	894	101	**BG20G06-../D06LA4**	297.9	1124	5000	472	2100	44	20

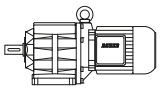
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	5.3	0.89	1195	135	**BG10Z-../D06LA4**	305.8	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	5.3	3.1	929	105	**BG30G06-../D06LA4**	306.2	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	4.9	1.15	1000	113	**BG10G06-../D06LA4**	332.0	450	2000	629	2800	40	18
0.1 HP (0.075 kW)	4.7	1.75	1097	124	**BG20G06-../D06LA4**	352.1	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	4.7	2.6	1097	124	**BG30G06-../D06LA4**	346.8	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	4.3	0.96	1195	135	**BG10G06-../D06LA4**	379.6	450	2000	629	2800	40	18
0.1 HP (0.075 kW)	4.2	1.6	1230	139	**BG20G06-../D06LA4**	391.1	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	4.1	2.3	1257	142	**BG30G06-../D06LA4**	401.9	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	3.8	0.85	1354	153	**BG10G06-../D06LA4**	435.9	450	2000	629	2800	40	18
0.1 HP (0.075 kW)	3.6	1.35	1452	164	**BG20G06-../D06LA4**	460.0	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	3.5	1.9	1496	169	**BG30G06-../D06LA4**	472.8	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	3.0	1.1	1770	200	**BG20G06-../D06LA4**	550.6	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	2.9	1.6	1814	205	**BG30G06-../D06LA4**	565.8	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	2.6	2.9	1434	162	**BG40G10-../D06LA4**	640.0	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	2.5	0.9	2168	245	**BG20G06-../D06LA4**	671.9	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	2.4	1.25	2257	255	**BG30G06-../D06LA4**	690.6	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	2.3	2.5	1646	186	**BG40G10-../D06LA4**	710.9	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	2.2	1.15	2478	280	**BG30G06-../D06LA4**	760.7	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	2.1	2.3	1770	200	**BG40G10-../D06LA4**	789.1	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	2.0	1.05	2744	310	**BG30G06-../D06LA4**	829.5	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	1.7	0.87	3319	375	**BG30G06-../D06LA4**	996.8	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	1.7	1.7	2390	270	**BG40G10-../D06LA4**	965.2	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	1.7	2.6	2390	270	**BG50G10-../D06LA4**	960.2	2248	10000	-	-	112	51
0.1 HP (0.075 kW)	1.4	1.35	3098	350	**BG40G10-../D06LA4**	1225	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	1.4	1.95	3098	350	**BG50G10-../D06LA4**	1219	2248	10000	-	-	112	51
0.1 HP (0.075 kW)	1.2	1.05	3850	435	**BG40G10-../D06LA4**	1459	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	1.2	1.6	3850	435	**BG50G10-../D06LA4**	1452	2248	10000	-	-	112	51
0.1 HP (0.075 kW)	0.95	1.15	5222	590	**BG50G10-../D06LA4**	1729	2248	10000	-	-	112	51
0.1 HP (0.075 kW)	0.95	2.7	4248	480	**BG60G20-../D06LA4**	1741	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.9	2.5	4602	520	**BG60G20-../D06LA4**	1880	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.75	1.9	6019	680	**BG60G20-../D06LA4**	2249	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.6	1.4	8143	920	**BG60G20-../D06LA4**	2818	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.6	2.6	8408	950	**BG70G20-../D06LA4**	2774	4496	20000	-	-	287	130
0.1 HP (0.075 kW)	0.55	1.25	9116	1030	**BG60G20-../D06LA4**	3234	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.55	2.4	9382	1060	**BG70G20-../D06LA4**	3184	4496	20000	-	-	287	130
0.1 HP (0.075 kW)	0.46	1.0	11329	1280	**BG60G20-../D06LA4**	3592	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.42	1.7	12922	1460	**BG70G20-../D06LA4**	3925	4496	20000	-	-	287	130

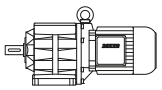
0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	650	3.0	12	1.32	**BG04-../D04LA4**	2.51	76	340	-	-	10	4.4
0.12 HP (0.09 kW)	445	2.6	17	1.93	**BG04-../D04LA4**	3.65	88	390	-	-	10	4.4
0.12 HP (0.09 kW)	370	3.0	20	2.3	**BG04-../D04LA4**	4.39	85	380	-	-	10	4.4
0.12 HP (0.09 kW)	305	3.2	25	2.8	**BG04-../D04LA4**	5.36	85	380	-	-	10	4.4
0.12 HP (0.09 kW)	265	3.4	28	3.2	**BG04-../D04LA4**	6.18	93	415	-	-	10	4.4
0.12 HP (0.09 kW)	245	2.9	31	3.5	**BG04-../D04LA4**	6.67	92	410	-	-	10	4.4
0.12 HP (0.09 kW)	240	3.1	31	3.55	**BG04-../D04LA4**	6.80	94	420	-	-	10	4.4
0.12 HP (0.09 kW)	189	2.4	40	4.5	**BG04-../D04LA4**	8.58	92	410	-	-	10	4.4
0.12 HP (0.09 kW)	180	2.5	42	4.75	**BG04-../D04LA4**	9.00	106	470	-	-	10	4.4

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

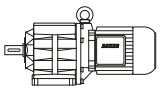
0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	164	2.5	46	5.2	**BG04-../D04LA4**	9.90	108	480	-	-	10	4.4
0.12 HP (0.09 kW)	150	2.5	50	5.7	**BG04-../D04LA4**	10.82	108	480	-	-	10	4.4
0.12 HP (0.09 kW)	137	2.4	55	6.2	**BG04-../D04LA4**	11.90	110	490	-	-	10	4.4
0.12 HP (0.09 kW)	135	3.3	56	6.3	**BG05-../D04LA4**	12.05	115	510	-	-	11	5.1
0.12 HP (0.09 kW)	130	2.3	58	6.6	**BG04-../D04LA4**	12.55	110	490	-	-	10	4.4
0.12 HP (0.09 kW)	129	3.3	58	6.6	**BG05-../D04LA4**	12.60	137	610	-	-	11	5.1
0.12 HP (0.09 kW)	123	2.3	61	6.9	**BG04-../D04LA4**	13.20	112	500	-	-	10	4.4
0.12 HP (0.09 kW)	118	3.2	64	7.2	**BG05-../D04LA4**	13.75	142	630	-	-	11	5.1
0.12 HP (0.09 kW)	112	2.2	67	7.6	**BG04-../D04LA4**	14.52	115	510	-	-	10	4.4
0.12 HP (0.09 kW)	107	3.0	71	8.0	**BG05-../D04LA4**	15.23	144	640	-	-	11	5.1
0.12 HP (0.09 kW)	99	2.1	76	8.6	**BG04-../D04LA4**	16.44	119	530	-	-	10	4.4
0.12 HP (0.09 kW)	98	2.9	77	8.7	**BG05-../D04LA4**	16.62	148	660	-	-	11	5.1
0.12 HP (0.09 kW)	90	1.9	84	9.5	**BG04-../D04LA4**	18.08	121	540	-	-	10	4.4
0.12 HP (0.09 kW)	87	2.7	87	9.8	**BG05-../D04LA4**	18.82	153	680	-	-	11	5.1
0.12 HP (0.09 kW)	79	2.5	96	10.8	**BG05-../D04LA4**	20.53	157	700	-	-	11	5.1
0.12 HP (0.09 kW)	77	1.7	98	11.1	**BG04-../D04LA4**	21.12	126	560	-	-	10	4.4
0.12 HP (0.09 kW)	70	1.65	108	12.2	**BG04-../D04LA4**	23.23	135	600	-	-	10	4.4
0.12 HP (0.09 kW)	68	2.2	112	12.6	**BG05-../D04LA4**	24.00	166	740	-	-	11	5.1
0.12 HP (0.09 kW)	67	1.55	113	12.8	**BG04-../D04LA4**	24.45	137	610	-	-	10	4.4
0.12 HP (0.09 kW)	62	2.1	122	13.8	**BG05-../D04LA4**	26.18	171	760	-	-	11	5.1
0.12 HP (0.09 kW)	61	1.45	124	14	**BG04-../D04LA4**	26.89	146	650	-	-	10	4.4
0.12 HP (0.09 kW)	59	2.1	128	14.5	**BG05-../D04LA4**	27.82	173	770	-	-	11	5.1
0.12 HP (0.09 kW)	59	3.1	128	14.5	**BG06-../D04LA4**	27.80	189	840	-	-	13	6.1
0.12 HP (0.09 kW)	54	1.9	141	15.9	**BG05-../D04LA4**	30.35	171	760	-	-	11	5.1
0.12 HP (0.09 kW)	53	1.25	143	16.2	**BG04-../D04LA4**	30.91	155	690	-	-	10	4.4
0.12 HP (0.09 kW)	51	2.7	149	16.8	**BG06-../D04LA4**	32.22	200	890	-	-	13	6.1
0.12 HP (0.09 kW)	48	1.1	158	17.9	**BG04-../D04LA4**	34.00	162	720	-	-	10	4.4
0.12 HP (0.09 kW)	46.5	1.65	163	18.4	**BG05-../D04LA4**	35.00	182	810	-	-	11	5.1
0.12 HP (0.09 kW)	46.5	2.4	163	18.4	**BG06-../D04LA4**	35.15	198	880	-	-	13	6.1
0.12 HP (0.09 kW)	46	1.1	165	18.6	**BG04-../D04LA4**	35.35	164	730	-	-	10	4.4
0.12 HP (0.09 kW)	44	2.3	173	19.5	**BG06-../D04LA4**	36.91	200	890	-	-	13	6.1
0.12 HP (0.09 kW)	42.5	1.5	177	20	**BG05-../D04LA4**	38.18	191	850	-	-	11	5.1
0.12 HP (0.09 kW)	42	1.0	177	20	**BG04-../D04LA4**	38.89	169	750	-	-	10	4.4
0.12 HP (0.09 kW)	41	1.45	181	20.5	**BG05-../D04LA4**	39.94	193	860	-	-	11	5.1
0.12 HP (0.09 kW)	40.5	2.1	186	21	**BG06-../D04LA4**	40.26	200	890	-	-	13	6.1
0.12 HP (0.09 kW)	38.5	0.91	195	22	**BG04-../D04LA4**	42.24	169	750	-	-	10	4.4
0.12 HP (0.09 kW)	37.5	1.35	199	22.5	**BG05-../D04LA4**	43.57	202	900	-	-	11	5.1
0.12 HP (0.09 kW)	35.5	1.9	212	24	**BG06-../D04LA4**	46.19	200	890	-	-	13	6.1
0.12 HP (0.09 kW)	34.5	0.82	217	24.5	**BG04-../D04LA4**	47.52	169	750	-	-	10	4.4
0.12 HP (0.09 kW)	34.5	1.2	217	24.5	**BG05-../D04LA4**	47.00	209	930	-	-	11	5.1
0.12 HP (0.09 kW)	32.5	1.75	230	26	**BG06-../D04LA4**	50.38	211	940	-	-	13	6.1
0.12 HP (0.09 kW)	32	1.15	235	26.5	**BG05-../D04LA4**	51.27	218	970	-	-	11	5.1
0.12 HP (0.09 kW)	31	1.65	243	27.5	**BG06-../D04LA4**	52.56	214	950	-	-	13	6.1
0.12 HP (0.09 kW)	30.5	1.05	248	28	**BG05-../D04LA4**	53.44	220	980	-	-	11	5.1
0.12 HP (0.09 kW)	28.5	1.5	266	30	**BG06-../D04LA4**	57.34	225	1000	-	-	13	6.1
0.12 HP (0.09 kW)	28	0.98	270	30.5	**BG05-../D04LA4**	58.30	225	1000	-	-	11	5.1
0.12 HP (0.09 kW)	26.5	1.4	283	32	**BG06-../D04LA4**	61.22	229	1020	-	-	13	6.1
0.12 HP (0.09 kW)	24.5	1.3	310	35	**BG06-../D04LA4**	66.79	241	1070	-	-	13	6.1
0.12 HP (0.09 kW)	22.5	3.2	336	38	**BG10-../D06LA4**	73.13	450	2000	629	2800	29	13
0.12 HP (0.09 kW)	21.5	1.05	332	37.5	**BG06G04-../D04LA4**	75.99	241	1070	-	-	19	8.4
0.12 HP (0.09 kW)	21	3.0	358	40.5	**BG10Z-../D06LA4**	77.40	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	20	1.05	358	40.5	**BG06G04-../D04LA4**	82.89	241	1070	-	-	19	8.4
0.12 HP (0.09 kW)	19	2.7	398	45	**BG10Z-../D06LA4**	85.76	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	18	2.5	420	47.5	**BG10Z-../D06LA4**	92.19	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	17.5	0.97	412	46.5	**BG06G04-../D04LA4**	93.00	241	1070	-	-	19	8.4
0.12 HP (0.09 kW)	16	0.9	443	50	**BG06G04-../D04LA4**	101.5	241	1070	-	-	19	8.4
0.12 HP (0.09 kW)	16	2.3	469	53	**BG10Z-../D06LA4**	102.1	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	15	2.1	504	57	**BG10Z-../D06LA4**	109.8	450	2000	629	2800	31	14

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

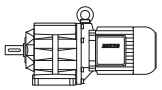
0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	13.5	1.9	558	63	**BG10Z-../D06LA4**	121.7	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	13	3.0	584	66	**BG20Z-../D06LA4**	125.3	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	12.5	1.75	602	68	**BG10Z-../D06LA4**	131.8	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	11.5	1.6	655	74	**BG10Z-../D06LA4**	146.0	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	11.5	2.7	655	74	**BG20Z-../D06LA4**	141.3	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	10.5	2.5	717	81	**BG20Z-../D06LA4**	157.0	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	10	2.4	752	85	**BG20Z-../D06LA4**	162.2	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	9.8	1.4	770	87	**BG10Z-../D06LA4**	166.0	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	9.0	2.1	841	95	**BG20Z-../D06LA4**	180.1	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	8.9	1.25	850	96	**BG10Z-../D06LA4**	184.0	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	8.9	3.1	850	96	**BG30Z-../D06LA4**	182.9	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	8.4	1.2	903	102	**BG10Z-../D06LA4**	194.6	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	8.2	1.9	920	104	**BG20Z-../D06LA4**	199.9	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	8.0	2.8	947	107	**BG30Z-../D06LA4**	202.9	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	7.6	1.05	1000	113	**BG10Z-../D06LA4**	215.7	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	7.3	1.7	1036	117	**BG20Z-../D06LA4**	222.1	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	7.2	2.5	1053	119	**BG30Z-../D06LA4**	225.9	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	6.8	0.95	1115	126	**BG10Z-../D06LA4**	240.4	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	6.6	2.1	912	103	**BG20G06-../D06LA4**	248.0	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	6.6	3.3	1151	130	**BG40Z-../D06LA4**	246.5	1574	7000	-	-	84	38
0.12 HP (0.09 kW)	6.5	2.3	1168	132	**BG30Z-../D06LA4**	250.6	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	6.2	2.2	1221	138	**BG30Z-../D06LA4**	261.9	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	6.0	3.0	1266	143	**BG40Z-../D06LA4**	273.6	1574	7000	-	-	84	38
0.12 HP (0.09 kW)	5.9	0.83	1283	145	**BG10Z-../D06LA4**	276.0	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	5.6	1.95	1354	153	**BG30Z-../D06LA4**	290.5	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	5.5	1.75	1124	127	**BG20G06-../D06LA4**	297.9	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	5.3	2.5	1168	132	**BG30G06-../D06LA4**	306.2	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	4.9	0.91	1266	143	**BG10G06-../D06LA4**	332.0	450	2000	629	2800	40	18
0.12 HP (0.09 kW)	4.7	1.45	1363	154	**BG20G06-../D06LA4**	352.1	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	4.7	2.1	1363	154	**BG30G06-../D06LA4**	346.8	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	4.2	1.25	1531	173	**BG20G06-../D06LA4**	391.1	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	4.1	1.85	1567	177	**BG30G06-../D06LA4**	401.9	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	3.6	1.1	1770	200	**BG20G06-../D06LA4**	460.0	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	3.5	1.55	1859	210	**BG30G06-../D06LA4**	472.8	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	3.1	2.9	1416	160	**BG40G10-../D06LA4**	534.2	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	3.0	0.9	2168	245	**BG20G06-../D06LA4**	550.6	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	2.9	1.25	2257	255	**BG30G06-../D06LA4**	565.8	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	2.6	2.2	1903	215	**BG40G10-../D06LA4**	640.0	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	2.4	1.05	2788	315	**BG30G06-../D06LA4**	690.6	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	2.3	1.9	2168	245	**BG40G10-../D06LA4**	710.9	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	2.3	2.8	2168	245	**BG50G10-../D06LA4**	708.3	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	2.2	0.94	3054	345	**BG30G06-../D06LA4**	760.7	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	2.1	1.7	2390	270	**BG40G10-../D06LA4**	789.1	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	2.1	2.6	2390	270	**BG50G10-../D06LA4**	785.1	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	2.0	0.84	3408	385	**BG30G06-../D06LA4**	829.5	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	1.7	1.35	3098	350	**BG40G10-../D06LA4**	965.2	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	1.7	1.95	3142	355	**BG50G10-../D06LA4**	960.2	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	1.4	1.0	4027	455	**BG40G10-../D06LA4**	1225	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	1.4	1.5	4027	455	**BG50G10-../D06LA4**	1219	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	1.3	3.3	3496	395	**BG60G20-../D06LA4**	1346	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	1.2	0.85	4868	550	**BG40G10-../D06LA4**	1459	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	1.2	1.25	4868	550	**BG50G10-../D06LA4**	1452	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	1.1	2.5	4514	510	**BG60G20-../D06LA4**	1496	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.95	2.1	5576	630	**BG60G20-../D06LA4**	1741	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.9	1.9	6019	680	**BG60G20-../D06LA4**	1880	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.85	3.2	6815	770	**BG70G20-../D06LA4**	1994	4496	20000	-	-	287	130
0.12 HP (0.09 kW)	0.75	1.5	7700	870	**BG60G20-../D06LA4**	2249	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.75	2.8	7966	900	**BG70G20-../D06LA4**	2215	4496	20000	-	-	287	130

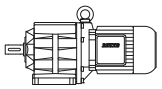
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	0.6	1.1	10267	1160	**BG60G20-../D06LA4**	2818	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.6	2.1	10532	1190	**BG70G20-../D06LA4**	2774	4496	20000	-	-	287	130
0.12 HP (0.09 kW)	0.55	1.0	11417	1290	**BG60G20-../D06LA4**	3234	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.55	1.9	11683	1320	**BG70G20-../D06LA4**	3184	4496	20000	-	-	287	130
0.12 HP (0.09 kW)	0.42	1.4	15931	1800	**BG70G20-../D06LA4**	3925	4496	20000	-	-	287	130

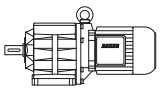
0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	650	2.5	14	1.61	**BG04-../D04LA4**	2.51	76	340	-	-	10	4.4
0.15 HP (0.11 kW)	445	2.1	21	2.35	**BG04-../D04LA4**	3.65	88	390	-	-	10	4.4
0.15 HP (0.11 kW)	370	2.5	25	2.8	**BG04-../D04LA4**	4.39	85	380	-	-	10	4.4
0.15 HP (0.11 kW)	305	2.6	30	3.4	**BG04-../D04LA4**	5.36	85	380	-	-	10	4.4
0.15 HP (0.11 kW)	265	2.8	35	3.95	**BG04-../D04LA4**	6.18	93	415	-	-	10	4.4
0.15 HP (0.11 kW)	245	2.4	38	4.25	**BG04-../D04LA4**	6.67	92	410	-	-	10	4.4
0.15 HP (0.11 kW)	240	2.5	39	4.35	**BG04-../D04LA4**	6.80	94	420	-	-	10	4.4
0.15 HP (0.11 kW)	189	2.0	49	5.5	**BG04-../D04LA4**	8.58	92	410	-	-	10	4.4
0.15 HP (0.11 kW)	180	2.1	51	5.8	**BG04-../D04LA4**	9.00	106	470	-	-	10	4.4
0.15 HP (0.11 kW)	164	2.0	57	6.4	**BG04-../D04LA4**	9.90	108	480	-	-	10	4.4
0.15 HP (0.11 kW)	153	2.9	60	6.8	**BG05-../D04LA4**	10.59	133	590	-	-	11	5.1
0.15 HP (0.11 kW)	150	2.0	62	7.0	**BG04-../D04LA4**	10.82	108	480	-	-	10	4.4
0.15 HP (0.11 kW)	141	2.8	65	7.4	**BG05-../D04LA4**	11.55	135	600	-	-	11	5.1
0.15 HP (0.11 kW)	137	1.95	67	7.6	**BG04-../D04LA4**	11.90	110	490	-	-	10	4.4
0.15 HP (0.11 kW)	135	2.7	68	7.7	**BG05-../D04LA4**	12.05	115	510	-	-	11	5.1
0.15 HP (0.11 kW)	130	1.9	71	8.0	**BG04-../D04LA4**	12.55	110	490	-	-	10	4.4
0.15 HP (0.11 kW)	129	2.7	72	8.1	**BG05-../D04LA4**	12.60	137	610	-	-	11	5.1
0.15 HP (0.11 kW)	123	1.9	75	8.5	**BG04-../D04LA4**	13.20	112	500	-	-	10	4.4
0.15 HP (0.11 kW)	118	2.6	79	8.9	**BG05-../D04LA4**	13.75	142	630	-	-	11	5.1
0.15 HP (0.11 kW)	112	1.85	82	9.3	**BG04-../D04LA4**	14.52	115	510	-	-	10	4.4
0.15 HP (0.11 kW)	107	2.4	87	9.8	**BG05-../D04LA4**	15.23	144	640	-	-	11	5.1
0.15 HP (0.11 kW)	99	1.7	94	10.6	**BG04-../D04LA4**	16.44	119	530	-	-	10	4.4
0.15 HP (0.11 kW)	98	2.3	95	10.7	**BG05-../D04LA4**	16.62	148	660	-	-	11	5.1
0.15 HP (0.11 kW)	90	1.55	103	11.6	**BG04-../D04LA4**	18.08	121	540	-	-	10	4.4
0.15 HP (0.11 kW)	87	2.2	106	12	**BG05-../D04LA4**	18.82	153	680	-	-	11	5.1
0.15 HP (0.11 kW)	86	3.3	108	12.2	**BG06-../D04LA4**	18.98	173	770	-	-	13	6.1
0.15 HP (0.11 kW)	79	2.0	117	13.2	**BG05-../D04LA4**	20.53	157	700	-	-	11	5.1
0.15 HP (0.11 kW)	78	3.0	119	13.4	**BG06-../D04LA4**	20.82	180	800	-	-	13	6.1
0.15 HP (0.11 kW)	77	1.4	120	13.6	**BG04-../D04LA4**	21.12	126	560	-	-	10	4.4
0.15 HP (0.11 kW)	72	3.0	128	14.5	**BG06-../D04LA4**	22.71	182	810	-	-	13	6.1
0.15 HP (0.11 kW)	70	1.35	133	15	**BG04-../D04LA4**	23.23	135	600	-	-	10	4.4
0.15 HP (0.11 kW)	68	1.8	136	15.4	**BG05-../D04LA4**	24.00	166	740	-	-	11	5.1
0.15 HP (0.11 kW)	67	1.3	138	15.6	**BG04-../D04LA4**	24.45	137	610	-	-	10	4.4
0.15 HP (0.11 kW)	64	2.7	145	16.4	**BG06-../D04LA4**	25.48	191	850	-	-	13	6.1
0.15 HP (0.11 kW)	62	1.7	150	16.9	**BG05-../D04LA4**	26.18	171	760	-	-	11	5.1
0.15 HP (0.11 kW)	61	1.15	152	17.2	**BG04-../D04LA4**	26.89	146	650	-	-	10	4.4
0.15 HP (0.11 kW)	59	1.7	158	17.8	**BG05-../D04LA4**	27.82	173	770	-	-	11	5.1
0.15 HP (0.11 kW)	59	2.5	158	17.8	**BG06-../D04LA4**	27.80	189	840	-	-	13	6.1
0.15 HP (0.11 kW)	54	1.55	172	19.4	**BG05-../D04LA4**	30.35	171	760	-	-	11	5.1
0.15 HP (0.11 kW)	53	1.0	175	19.8	**BG04-../D04LA4**	30.91	155	690	-	-	10	4.4
0.15 HP (0.11 kW)	51	2.2	181	20.5	**BG06-../D04LA4**	32.22	200	890	-	-	13	6.1
0.15 HP (0.11 kW)	48	0.93	190	21.5	**BG04-../D04LA4**	34.00	162	720	-	-	10	4.4

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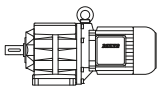
0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	46.5	1.35	199	22.5	**BG05-../D04LA4**	35.00	182	810	-	-	11	5.1
0.15 HP (0.11 kW)	46.5	2.0	199	22.5	**BG06-../D04LA4**	35.15	198	880	-	-	13	6.1
0.15 HP (0.11 kW)	46	0.89	199	22.5	**BG04-../D04LA4**	35.35	164	730	-	-	10	4.4
0.15 HP (0.11 kW)	44	1.9	208	23.5	**BG06-../D04LA4**	36.91	200	890	-	-	13	6.1
0.15 HP (0.11 kW)	42.5	1.2	217	24.5	**BG05-../D04LA4**	38.18	191	850	-	-	11	5.1
0.15 HP (0.11 kW)	42	0.8	221	25	**BG04-../D04LA4**	38.89	169	750	-	-	10	4.4
0.15 HP (0.11 kW)	41	1.2	226	25.5	**BG05-../D04LA4**	39.94	193	860	-	-	11	5.1
0.15 HP (0.11 kW)	40.5	1.75	226	25.5	**BG06-../D04LA4**	40.26	200	890	-	-	13	6.1
0.15 HP (0.11 kW)	37.5	1.05	248	28	**BG05-../D04LA4**	43.57	202	900	-	-	11	5.1
0.15 HP (0.11 kW)	35.5	1.55	261	29.5	**BG06-../D04LA4**	46.19	200	890	-	-	13	6.1
0.15 HP (0.11 kW)	34.5	1.0	266	30	**BG05-../D04LA4**	47.00	209	930	-	-	11	5.1
0.15 HP (0.11 kW)	32.5	1.4	283	32	**BG06-../D04LA4**	50.38	211	940	-	-	13	6.1
0.15 HP (0.11 kW)	32	0.92	288	32.5	**BG05-../D04LA4**	51.27	218	970	-	-	11	5.1
0.15 HP (0.11 kW)	31	1.35	296	33.5	**BG06-../D04LA4**	52.56	214	950	-	-	13	6.1
0.15 HP (0.11 kW)	30.5	0.88	301	34	**BG05-../D04LA4**	53.44	220	980	-	-	11	5.1
0.15 HP (0.11 kW)	28.5	1.25	323	36.5	**BG06-../D04LA4**	57.34	225	1000	-	-	13	6.1
0.15 HP (0.11 kW)	28.5	3.3	323	36.5	**BG10-../D06LA4**	57.48	450	2000	629	2800	29	13
0.15 HP (0.11 kW)	28	0.8	332	37.5	**BG05-../D04LA4**	58.30	225	1000	-	-	11	5.1
0.15 HP (0.11 kW)	26.5	1.15	350	39.5	**BG06-../D04LA4**	61.22	229	1020	-	-	13	6.1
0.15 HP (0.11 kW)	25.5	2.9	363	41	**BG10-../D06LA4**	63.69	450	2000	629	2800	29	13
0.15 HP (0.11 kW)	25	2.9	372	42	**BG10-../D06LA4**	66.00	450	2000	629	2800	29	13
0.15 HP (0.11 kW)	24.5	1.05	376	42.5	**BG06-../D04LA4**	66.79	241	1070	-	-	13	6.1
0.15 HP (0.11 kW)	22.5	2.6	412	46.5	**BG10-../D06LA4**	73.13	450	2000	629	2800	29	13
0.15 HP (0.11 kW)	21.5	0.86	412	46.5	**BG06G04-../D04LA4**	75.99	241	1070	-	-	19	8.4
0.15 HP (0.11 kW)	21	2.4	443	50	**BG10Z-../D06LA4**	77.40	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	20	0.86	443	50	**BG06G04-../D04LA4**	82.89	241	1070	-	-	19	8.4
0.15 HP (0.11 kW)	19	2.2	487	55	**BG10Z-../D06LA4**	85.76	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	18	2.1	513	58	**BG10Z-../D06LA4**	92.19	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	17.5	3.3	531	60	**BG20Z-../D06LA4**	94.27	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	16	1.85	575	65	**BG10Z-../D06LA4**	102.1	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	15.5	3.0	593	67	**BG20Z-../D06LA4**	104.7	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	15	1.7	620	70	**BG10Z-../D06LA4**	109.8	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	14.5	2.8	637	72	**BG20Z-../D06LA4**	112.8	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	13.5	1.55	682	77	**BG10Z-../D06LA4**	121.7	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	13	2.5	708	80	**BG20Z-../D06LA4**	125.3	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	12.5	1.45	743	84	**BG10Z-../D06LA4**	131.8	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	11.5	1.3	805	91	**BG10Z-../D06LA4**	146.0	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	11.5	2.2	805	91	**BG20Z-../D06LA4**	141.3	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	11.5	3.3	805	91	**BG30Z-../D06LA4**	142.5	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	11	3.2	841	95	**BG30Z-../D06LA4**	151.5	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	10.5	2.0	885	100	**BG20Z-../D06LA4**	157.0	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	10	1.9	929	105	**BG20Z-../D06LA4**	162.2	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	9.8	1.1	947	107	**BG10Z-../D06LA4**	166.0	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	9.7	2.8	956	108	**BG30Z-../D06LA4**	168.1	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	9.0	1.7	1027	116	**BG20Z-../D06LA4**	180.1	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	8.9	1.0	1044	118	**BG10Z-../D06LA4**	184.0	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	8.9	2.5	1044	118	**BG30Z-../D06LA4**	182.9	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	8.4	0.96	1106	125	**BG10Z-../D06LA4**	194.6	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	8.2	1.55	1133	128	**BG20Z-../D06LA4**	199.9	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	8.2	3.3	1133	128	**BG40Z-../D06LA4**	199.9	1574	7000	-	-	84	38
0.15 HP (0.11 kW)	8.0	2.3	1159	131	**BG30Z-../D06LA4**	202.9	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	7.6	0.87	1221	138	**BG10Z-../D06LA4**	215.7	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	7.4	3.0	1248	141	**BG40Z-../D06LA4**	221.9	1574	7000	-	-	84	38
0.15 HP (0.11 kW)	7.3	1.4	1266	143	**BG20Z-../D06LA4**	222.1	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	7.2	2.1	1283	145	**BG30Z-../D06LA4**	225.9	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	6.8	1.0	1142	129	**BG10G06-../D06LA4**	240.7	450	2000	629	2800	40	18
0.15 HP (0.11 kW)	6.6	1.65	1168	132	**BG20G06-../D06LA4**	248.0	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	6.6	2.7	1407	159	**BG40Z-../D06LA4**	246.5	1574	7000	-	-	84	38

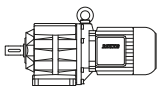
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	6.5	1.85	1425	161	**BG30Z-../D06LA4**	250.6	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	6.2	1.8	1496	169	**BG30Z-../D06LA4**	261.9	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	6.0	2.4	1549	175	**BG40Z-../D06LA4**	273.6	1574	7000	-	-	84	38
0.15 HP (0.11 kW)	5.9	0.88	1310	148	**BG10G06-../D06LA4**	276.4	450	2000	629	2800	40	18
0.15 HP (0.11 kW)	5.6	1.6	1655	187	**BG30Z-../D06LA4**	290.5	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	5.5	1.35	1434	162	**BG20G06-../D06LA4**	297.9	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	5.3	1.95	1487	168	**BG30G06-../D06LA4**	306.2	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	4.7	1.15	1726	195	**BG20G06-../D06LA4**	352.1	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	4.7	1.65	1726	195	**BG30G06-../D06LA4**	346.8	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	4.2	1.0	1903	215	**BG20G06-../D06LA4**	391.1	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	4.1	1.5	1947	220	**BG30G06-../D06LA4**	401.9	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	3.7	2.6	1558	176	**BG40G10-../D06LA4**	448.8	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	3.6	0.86	2257	255	**BG20G06-../D06LA4**	460.0	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	3.5	1.25	2345	265	**BG30G06-../D06LA4**	472.8	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	3.1	2.1	1947	220	**BG40G10-../D06LA4**	534.2	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	3.1	3.1	1947	220	**BG50G10-../D06LA4**	531.5	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	2.9	1.0	2832	320	**BG30G06-../D06LA4**	565.8	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	2.7	2.5	2434	275	**BG50G10-../D06LA4**	621.3	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	2.6	1.6	2567	290	**BG40G10-../D06LA4**	640.0	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	2.4	0.82	3496	395	**BG30G06-../D06LA4**	690.6	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	2.3	1.4	2921	330	**BG40G10-../D06LA4**	710.9	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	2.3	2.1	2921	330	**BG50G10-../D06LA4**	708.3	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	2.1	1.3	3186	360	**BG40G10-../D06LA4**	789.1	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	2.1	1.9	3186	360	**BG50G10-../D06LA4**	785.1	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	1.7	1.0	4116	465	**BG40G10-../D06LA4**	965.2	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	1.7	1.5	4116	465	**BG50G10-../D06LA4**	960.2	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	1.6	3.1	3673	415	**BG60G20-../D06LA4**	1051	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	1.4	1.15	5222	590	**BG50G10-../D06LA4**	1219	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	1.4	2.6	4425	500	**BG60G20-../D06LA4**	1168	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	1.3	2.4	4779	540	**BG60G20-../D06LA4**	1346	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	1.2	0.97	6284	710	**BG50G10-../D06LA4**	1452	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	1.1	1.9	6019	680	**BG60G20-../D06LA4**	1496	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	1.0	3.1	7169	810	**BG70G20-../D06LA4**	1666	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.95	1.55	7346	830	**BG60G20-../D06LA4**	1741	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	0.9	1.45	7877	890	**BG60G20-../D06LA4**	1880	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	0.85	2.5	8762	990	**BG70G20-../D06LA4**	1994	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.75	1.15	10001	1130	**BG60G20-../D06LA4**	2249	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	0.75	2.2	10267	1160	**BG70G20-../D06LA4**	2215	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.6	1.65	13365	1510	**BG70G20-../D06LA4**	2774	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.55	1.5	14781	1670	**BG70G20-../D06LA4**	3184	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.42	1.1	19914	2250	**BG70G20-../D06LA4**	3925	4496	20000	-	-	287	130

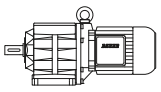
0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	620	3.3	24	2.75	**BG05-../D05LA4**	2.64	94	420	-	-	15	7.0
0.25 HP (0.18 kW)	480	2.8	31	3.55	**BG05-../D05LA4**	3.38	103	460	-	-	15	7.0
0.25 HP (0.18 kW)	355	2.5	42	4.8	**BG05-../D05LA4**	4.59	110	490	-	-	15	7.0
0.25 HP (0.18 kW)	300	2.5	50	5.7	**BG05-../D05LA4**	5.46	110	490	-	-	15	7.0
0.25 HP (0.18 kW)	270	2.7	56	6.3	**BG05-../D05LA4**	6.09	108	480	-	-	15	7.0
0.25 HP (0.18 kW)	250	2.4	60	6.8	**BG05-../D05LA4**	6.60	115	510	-	-	15	7.0

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

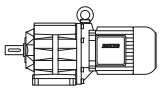
0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	245	2.4	62	7.0	**BG05-../D05LA4**	6.64	112	500	-	-	15	7.0
0.25 HP (0.18 kW)	210	2.2	72	8.1	**BG05-../D05LA4**	7.80	119	530	-	-	15	7.0
0.25 HP (0.18 kW)	199	2.1	76	8.6	**BG05-../D05LA4**	8.15	115	510	-	-	15	7.0
0.25 HP (0.18 kW)	194	3.2	78	8.8	**BG06-../D05LA4**	8.39	135	600	-	-	18	8.0
0.25 HP (0.18 kW)	191	2.1	80	9.0	**BG05-../D05LA4**	8.51	124	550	-	-	15	7.0
0.25 HP (0.18 kW)	173	3.0	88	9.9	**BG06-../D05LA4**	9.38	144	640	-	-	18	8.0
0.25 HP (0.18 kW)	159	2.9	96	10.8	**BG06-../D05LA4**	10.24	144	640	-	-	18	8.0
0.25 HP (0.18 kW)	153	1.8	99	11.2	**BG05-../D05LA4**	10.59	133	590	-	-	15	7.0
0.25 HP (0.18 kW)	144	2.7	105	11.9	**BG06-../D05LA4**	11.28	151	670	-	-	18	8.0
0.25 HP (0.18 kW)	141	1.75	107	12.1	**BG05-../D05LA4**	11.55	135	600	-	-	15	7.0
0.25 HP (0.18 kW)	135	1.65	112	12.7	**BG05-../D05LA4**	12.05	115	510	-	-	15	7.0
0.25 HP (0.18 kW)	132	2.5	115	13	**BG06-../D05LA4**	12.30	151	670	-	-	18	8.0
0.25 HP (0.18 kW)	129	1.65	118	13.3	**BG05-../D05LA4**	12.60	137	610	-	-	15	7.0
0.25 HP (0.18 kW)	125	2.4	121	13.7	**BG06-../D05LA4**	12.98	135	600	-	-	18	8.0
0.25 HP (0.18 kW)	118	1.6	128	14.5	**BG05-../D05LA4**	13.75	142	630	-	-	15	7.0
0.25 HP (0.18 kW)	110	2.2	138	15.6	**BG06-../D05LA4**	14.78	164	730	-	-	18	8.0
0.25 HP (0.18 kW)	107	1.5	142	16	**BG05-../D05LA4**	15.23	144	640	-	-	15	7.0
0.25 HP (0.18 kW)	101	2.1	150	17	**BG06-../D05LA4**	16.13	166	740	-	-	18	8.0
0.25 HP (0.18 kW)	98	1.45	155	17.5	**BG05-../D05LA4**	16.62	148	660	-	-	15	7.0
0.25 HP (0.18 kW)	94	2.1	161	18.2	**BG06-../D05LA4**	17.40	171	760	-	-	18	8.0
0.25 HP (0.18 kW)	87	1.3	174	19.7	**BG05-../D05LA4**	18.82	153	680	-	-	15	7.0
0.25 HP (0.18 kW)	86	2.0	176	19.9	**BG06-../D05LA4**	18.98	173	770	-	-	18	8.0
0.25 HP (0.18 kW)	79	1.25	190	21.5	**BG05-../D05LA4**	20.53	157	700	-	-	15	7.0
0.25 HP (0.18 kW)	78	1.8	195	22	**BG06-../D05LA4**	20.82	180	800	-	-	18	8.0
0.25 HP (0.18 kW)	72	1.85	208	23.5	**BG06-../D05LA4**	22.71	182	810	-	-	18	8.0
0.25 HP (0.18 kW)	68	1.1	221	25	**BG05-../D05LA4**	24.00	166	740	-	-	15	7.0
0.25 HP (0.18 kW)	64	1.7	235	26.5	**BG06-../D05LA4**	25.48	191	850	-	-	18	8.0
0.25 HP (0.18 kW)	62	1.05	243	27.5	**BG05-../D05LA4**	26.18	171	760	-	-	15	7.0
0.25 HP (0.18 kW)	59	1.05	257	29	**BG05-../D05LA4**	27.82	173	770	-	-	15	7.0
0.25 HP (0.18 kW)	59	1.55	257	29	**BG06-../D05LA4**	27.80	189	840	-	-	18	8.0
0.25 HP (0.18 kW)	54	0.95	279	31.5	**BG05-../D05LA4**	30.35	171	760	-	-	15	7.0
0.25 HP (0.18 kW)	51	1.35	296	33.5	**BG06-../D05LA4**	32.22	200	890	-	-	18	8.0
0.25 HP (0.18 kW)	46.5	0.82	323	36.5	**BG05-../D05LA4**	35.00	182	810	-	-	15	7.0
0.25 HP (0.18 kW)	46.5	1.25	323	36.5	**BG06-../D05LA4**	35.15	198	880	-	-	18	8.0
0.25 HP (0.18 kW)	46.5	3.3	323	36.5	**BG10-../D06LA4**	34.92	380	1690	528	2350	29	13
0.25 HP (0.18 kW)	44	1.15	345	39	**BG06-../D05LA4**	36.91	200	890	-	-	18	8.0
0.25 HP (0.18 kW)	41	2.9	367	41.5	**BG10-../D06LA4**	39.70	400	1780	551	2450	29	13
0.25 HP (0.18 kW)	40.5	1.05	372	42	**BG06-../D05LA4**	40.26	200	890	-	-	18	8.0
0.25 HP (0.18 kW)	37	2.6	407	46	**BG10-../D06LA4**	43.99	423	1880	585	2600	29	13
0.25 HP (0.18 kW)	35.5	0.94	425	48	**BG06-../D05LA4**	46.19	200	890	-	-	18	8.0
0.25 HP (0.18 kW)	35	2.4	434	49	**BG10-../D06LA4**	46.55	432	1920	596	2650	29	13
0.25 HP (0.18 kW)	32.5	0.87	460	52	**BG06-../D05LA4**	50.38	211	940	-	-	18	8.0
0.25 HP (0.18 kW)	31.5	2.2	478	54	**BG10-../D06LA4**	51.57	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	31	0.82	487	55	**BG06-../D05LA4**	52.56	214	950	-	-	18	8.0
0.25 HP (0.18 kW)	28.5	2.0	531	60	**BG10-../D06LA4**	57.48	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	27.5	3.2	549	62	**BG20-../D06LA4**	59.07	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	25.5	1.8	593	67	**BG10-../D06LA4**	63.69	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	25	1.75	602	68	**BG10-../D06LA4**	66.00	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	25	2.9	602	68	**BG20-../D06LA4**	65.62	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	24	2.8	628	71	**BG20Z-../D06LA4**	67.53	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	22.5	1.6	673	76	**BG10-../D06LA4**	73.13	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	22	2.6	690	78	**BG20Z-../D06LA4**	75.00	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	21	1.5	717	81	**BG10Z-../D06LA4**	77.40	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	21	2.5	717	81	**BG20Z-../D06LA4**	78.60	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	19	1.35	797	90	**BG10Z-../D06LA4**	85.76	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	19	2.2	797	90	**BG20Z-../D06LA4**	87.30	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	19	3.3	797	90	**BG30Z-../D06LA4**	86.13	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	18	1.25	841	95	**BG10Z-../D06LA4**	92.19	450	2000	629	2800	31	14

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

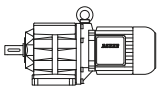
0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	17.5	2.0	867	98	**BG20Z-../D06LA4**	94.27	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	17	3.0	894	101	**BG30Z-../D06LA4**	95.55	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	16	1.1	947	107	**BG10Z-../D06LA4**	102.1	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	15.5	1.8	974	110	**BG20Z-../D06LA4**	104.7	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	15	1.05	1009	114	**BG10Z-../D06LA4**	109.8	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	15	2.6	1009	114	**BG30Z-../D06LA4**	109.6	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	14.5	1.7	1044	118	**BG20Z-../D06LA4**	112.8	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	13.5	0.94	1124	127	**BG10Z-../D06LA4**	121.7	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	13.5	3.3	1124	127	**BG40Z-../D06LA4**	121.3	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	13	1.5	1168	132	**BG20Z-../D06LA4**	125.3	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	13	2.3	1168	132	**BG30Z-../D06LA4**	128.5	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	12.5	0.88	1213	137	**BG10Z-../D06LA4**	131.8	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	12.5	3.1	1213	137	**BG40Z-../D06LA4**	134.6	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	11.5	0.81	1319	149	**BG10Z-../D06LA4**	146.0	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	11.5	1.35	1319	149	**BG20Z-../D06LA4**	141.3	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	11.5	2.0	1319	149	**BG30Z-../D06LA4**	142.5	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	11.5	2.9	1319	149	**BG40Z-../D06LA4**	141.4	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	11	0.93	1239	140	**BG10G06-../D06LA4**	150.1	450	2000	629	2800	40	18
0.25 HP (0.18 kW)	11	1.9	1381	156	**BG30Z-../D06LA4**	151.5	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	10.5	1.25	1443	163	**BG20Z-../D06LA4**	157.0	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	10.5	2.6	1443	163	**BG40Z-../D06LA4**	156.9	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	10	1.15	1513	171	**BG20Z-../D06LA4**	162.2	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	9.8	0.83	1390	157	**BG10G06-../D06LA4**	166.3	450	2000	629	2800	40	18
0.25 HP (0.18 kW)	9.8	2.4	1549	175	**BG40Z-../D06LA4**	166.1	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	9.7	1.7	1567	177	**BG30Z-../D06LA4**	168.1	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	9.0	1.05	1690	191	**BG20Z-../D06LA4**	180.1	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	8.9	1.55	1708	193	**BG30Z-../D06LA4**	182.9	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	8.9	3.3	1708	193	**BG50Z-../D06LA4**	182.8	2248	10000	-	-	104	47
0.25 HP (0.18 kW)	8.8	2.2	1726	195	**BG40Z-../D06LA4**	184.4	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	8.2	0.98	1814	205	**BG20Z-../D06LA4**	199.9	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	8.2	2.1	1814	205	**BG40Z-../D06LA4**	199.9	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	8.0	1.45	1859	210	**BG30Z-../D06LA4**	202.9	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	8.0	3.0	1859	210	**BG50Z-../D06LA4**	204.7	2248	10000	-	-	104	47
0.25 HP (0.18 kW)	7.4	1.85	2036	230	**BG40Z-../D06LA4**	221.9	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	7.3	0.85	2080	235	**BG20Z-../D06LA4**	222.1	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	7.2	1.3	2080	235	**BG30Z-../D06LA4**	225.9	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	7.2	2.7	2080	235	**BG50Z-../D06LA4**	226.9	2248	10000	-	-	104	47
0.25 HP (0.18 kW)	6.6	0.96	2036	230	**BG20G06-../D06LA4**	248.0	1124	5000	472	2100	44	20
0.25 HP (0.18 kW)	6.6	1.65	2301	260	**BG40Z-../D06LA4**	246.5	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	6.5	1.15	2301	260	**BG30Z-../D06LA4**	250.6	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	6.3	2.3	2390	270	**BG50Z-../D06LA4**	258.6	2248	10000	-	-	104	47
0.25 HP (0.18 kW)	6.2	1.1	2434	275	**BG30Z-../D06LA4**	261.9	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	6.0	1.5	2522	285	**BG40Z-../D06LA4**	273.6	1574	7000	-	-	84	38
0.25 HP (0.18 kW)	5.7	2.2	1859	210	**BG40G10-../D06LA4**	288.6	1574	7000	-	-	95	43
0.25 HP (0.18 kW)	5.7	2.1	2655	300	**BG50Z-../D06LA4**	286.7	2248	10000	-	-	104	47
0.25 HP (0.18 kW)	5.6	0.98	2699	305	**BG30Z-../D06LA4**	290.5	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	5.3	1.1	2567	290	**BG30G06-../D06LA4**	306.2	1349	6000	-	-	55	25
0.25 HP (0.18 kW)	4.7	0.97	2965	335	**BG30G06-../D06LA4**	346.8	1349	6000	-	-	55	25
0.25 HP (0.18 kW)	4.7	2.6	2345	265	**BG50G10-../D06LA4**	351.7	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	4.6	1.7	2390	270	**BG40G10-../D06LA4**	353.5	1574	7000	-	-	95	43
0.25 HP (0.18 kW)	4.1	0.84	3408	385	**BG30G06-../D06LA4**	401.9	1349	6000	-	-	55	25
0.25 HP (0.18 kW)	3.7	1.3	3142	355	**BG40G10-../D06LA4**	448.8	1574	7000	-	-	95	43
0.25 HP (0.18 kW)	3.7	1.95	3142	355	**BG50G10-../D06LA4**	446.5	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	3.1	1.05	3850	435	**BG40G10-../D06LA4**	534.2	1574	7000	-	-	95	43
0.25 HP (0.18 kW)	3.1	1.6	3850	435	**BG50G10-../D06LA4**	531.5	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	2.9	3.1	3762	425	**BG60G20-../D06LA4**	559.5	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	2.7	1.35	4602	520	**BG50G10-../D06LA4**	621.3	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	2.6	0.86	4779	540	**BG40G10-../D06LA4**	640.0	1574	7000	-	-	95	43

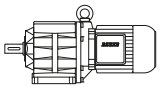
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	2.5	2.5	4602	520	**BG60G20-../D06LA4**	651.3	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	2.3	1.1	5487	620	**BG50G10-../D06LA4**	708.3	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	2.1	1.0	6019	680	**BG50G10-../D06LA4**	785.1	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	2.1	2.1	5399	610	**BG60G20-../D06LA4**	804.5	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.9	1.95	5930	670	**BG60G20-../D06LA4**	891.5	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.7	0.8	7612	860	**BG50G10-../D06LA4**	960.2	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	1.6	1.55	7346	830	**BG60G20-../D06LA4**	1051	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.6	2.9	7523	850	**BG70G20-../D06LA4**	1035	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	1.4	1.35	8674	980	**BG60G20-../D06LA4**	1168	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.4	2.5	8762	990	**BG70G20-../D06LA4**	1193	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	1.3	1.25	9293	1050	**BG60G20-../D06LA4**	1346	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.2	2.1	10532	1190	**BG70G20-../D06LA4**	1389	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	1.1	1.0	11417	1290	**BG60G20-../D06LA4**	1496	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.1	1.9	11683	1320	**BG70G20-../D06LA4**	1543	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	1.0	1.7	13011	1470	**BG70G20-../D06LA4**	1666	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	0.85	1.4	15754	1780	**BG70G20-../D06LA4**	1994	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	0.75	1.2	18144	2050	**BG70G20-../D06LA4**	2215	4496	20000	-	-	287	130

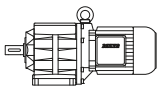
0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	620	2.3	34	3.85	**BG05-../D05LA4**	2.64	94	420	-	-	15	7.0
0.33 HP (0.25 kW)	480	2.0	44	4.95	**BG05-../D05LA4**	3.38	103	460	-	-	15	7.0
0.33 HP (0.25 kW)	360	3.3	58	6.6	**BG06-../D05LA4**	4.54	119	530	-	-	18	8.0
0.33 HP (0.25 kW)	355	1.8	59	6.7	**BG05-../D05LA4**	4.59	110	490	-	-	15	7.0
0.33 HP (0.25 kW)	300	1.75	70	7.9	**BG05-../D05LA4**	5.46	110	490	-	-	15	7.0
0.33 HP (0.25 kW)	275	2.8	76	8.6	**BG06-../D05LA4**	5.96	128	570	-	-	18	8.0
0.33 HP (0.25 kW)	270	1.95	78	8.8	**BG05-../D05LA4**	6.09	108	480	-	-	15	7.0
0.33 HP (0.25 kW)	250	1.7	84	9.5	**BG05-../D05LA4**	6.60	115	510	-	-	15	7.0
0.33 HP (0.25 kW)	245	1.75	86	9.7	**BG05-../D05LA4**	6.64	112	500	-	-	15	7.0
0.33 HP (0.25 kW)	235	2.6	89	10.1	**BG06-../D05LA4**	7.01	130	580	-	-	18	8.0
0.33 HP (0.25 kW)	210	1.6	100	11.3	**BG05-../D05LA4**	7.80	119	530	-	-	15	7.0
0.33 HP (0.25 kW)	199	1.5	105	11.9	**BG05-../D05LA4**	8.15	115	510	-	-	15	7.0
0.33 HP (0.25 kW)	194	2.3	109	12.3	**BG06-../D05LA4**	8.39	135	600	-	-	18	8.0
0.33 HP (0.25 kW)	191	1.5	111	12.5	**BG05-../D05LA4**	8.51	124	550	-	-	15	7.0
0.33 HP (0.25 kW)	173	2.2	122	13.8	**BG06-../D05LA4**	9.38	144	640	-	-	18	8.0
0.33 HP (0.25 kW)	159	2.1	133	15	**BG06-../D05LA4**	10.24	144	640	-	-	18	8.0
0.33 HP (0.25 kW)	153	1.3	138	15.6	**BG05-../D05LA4**	10.59	133	590	-	-	15	7.0
0.33 HP (0.25 kW)	144	1.95	146	16.5	**BG06-../D05LA4**	11.28	151	670	-	-	18	8.0
0.33 HP (0.25 kW)	141	1.25	150	16.9	**BG05-../D05LA4**	11.55	135	600	-	-	15	7.0
0.33 HP (0.25 kW)	135	1.2	156	17.6	**BG05-../D05LA4**	12.05	115	510	-	-	15	7.0
0.33 HP (0.25 kW)	132	1.85	159	18	**BG06-../D05LA4**	12.30	151	670	-	-	18	8.0
0.33 HP (0.25 kW)	129	1.2	164	18.5	**BG05-../D05LA4**	12.60	137	610	-	-	15	7.0
0.33 HP (0.25 kW)	125	1.75	169	19.1	**BG06-../D05LA4**	12.98	135	600	-	-	18	8.0
0.33 HP (0.25 kW)	118	1.15	177	20	**BG05-../D05LA4**	13.75	142	630	-	-	15	7.0
0.33 HP (0.25 kW)	110	1.6	190	21.5	**BG06-../D05LA4**	14.78	164	730	-	-	18	8.0
0.33 HP (0.25 kW)	107	1.1	195	22	**BG05-../D05LA4**	15.23	144	640	-	-	15	7.0
0.33 HP (0.25 kW)	101	1.5	208	23.5	**BG06-../D05LA4**	16.13	166	740	-	-	18	8.0
0.33 HP (0.25 kW)	98	1.05	212	24	**BG05-../D05LA4**	16.62	148	660	-	-	15	7.0
0.33 HP (0.25 kW)	94	1.5	221	25	**BG06-../D05LA4**	17.40	171	760	-	-	18	8.0
0.33 HP (0.25 kW)	87	0.96	239	27	**BG05-../D05LA4**	18.82	153	680	-	-	15	7.0

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

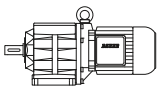
0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	86	1.45	243	27.5	**BG06-../D05LA4**	18.98	173	770	-	-	18	8.0
0.33 HP (0.25 kW)	79	0.9	266	30	**BG05-../D05LA4**	20.53	157	700	-	-	15	7.0
0.33 HP (0.25 kW)	78	1.3	270	30.5	**BG06-../D05LA4**	20.82	180	800	-	-	18	8.0
0.33 HP (0.25 kW)	72	1.3	292	33	**BG06-../D05LA4**	22.71	182	810	-	-	18	8.0
0.33 HP (0.25 kW)	68	0.8	310	35	**BG05-../D05LA4**	24.00	166	740	-	-	15	7.0
0.33 HP (0.25 kW)	64	1.2	327	37	**BG06-../D05LA4**	25.48	191	850	-	-	18	8.0
0.33 HP (0.25 kW)	62	3.1	341	38.5	**BG10-../D06LA4**	26.26	328	1460	450	2000	29	13
0.33 HP (0.25 kW)	59	1.15	354	40	**BG06-../D05LA4**	27.80	189	840	-	-	18	8.0
0.33 HP (0.25 kW)	56	2.8	376	42.5	**BG10-../D06LA4**	29.09	346	1540	483	2150	29	13
0.33 HP (0.25 kW)	52	2.6	403	45.5	**BG10-../D06LA4**	31.52	360	1600	495	2200	29	13
0.33 HP (0.25 kW)	51	0.97	412	46.5	**BG06-../D05LA4**	32.22	200	890	-	-	18	8.0
0.33 HP (0.25 kW)	47.5	3.0	443	50	**BG15-../D06LA4**	34.20	674	3000	1349	6000	29	13
0.33 HP (0.25 kW)	46.5	0.88	451	51	**BG06-../D05LA4**	35.15	198	880	-	-	18	8.0
0.33 HP (0.25 kW)	46.5	2.4	451	51	**BG10-../D06LA4**	34.92	380	1690	528	2350	29	13
0.33 HP (0.25 kW)	44	0.83	478	54	**BG06-../D05LA4**	36.91	200	890	-	-	18	8.0
0.33 HP (0.25 kW)	43	2.7	487	55	**BG15-../D06LA4**	37.90	674	3000	1349	6000	29	13
0.33 HP (0.25 kW)	41	2.1	513	58	**BG10-../D06LA4**	39.70	400	1780	551	2450	29	13
0.33 HP (0.25 kW)	39	3.3	540	61	**BG20-../D06LA4**	41.76	1012	4500	-	-	35	16
0.33 HP (0.25 kW)	37	1.9	566	64	**BG10-../D06LA4**	43.99	423	1880	585	2600	29	13
0.33 HP (0.25 kW)	35	1.75	602	68	**BG10-../D06LA4**	46.55	432	1920	596	2650	29	13
0.33 HP (0.25 kW)	35	2.9	602	68	**BG20-../D06LA4**	46.38	1057	4700	-	-	35	16
0.33 HP (0.25 kW)	34	2.9	620	70	**BG20-../D06LA4**	47.92	1068	4750	-	-	35	16
0.33 HP (0.25 kW)	31.5	1.6	664	75	**BG10-../D06LA4**	51.57	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	30.5	2.6	690	78	**BG20-../D06LA4**	53.22	1113	4950	-	-	35	16
0.33 HP (0.25 kW)	28.5	1.45	735	83	**BG10-../D06LA4**	57.48	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	27.5	2.3	761	86	**BG20-../D06LA4**	59.07	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	25.5	1.3	823	93	**BG10-../D06LA4**	63.69	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	25	1.25	841	95	**BG10-../D06LA4**	66.00	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	25	2.1	841	95	**BG20-../D06LA4**	65.62	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	24.5	3.1	859	97	**BG30-../D06LA4**	67.44	1349	6000	-	-	44	20
0.33 HP (0.25 kW)	24	2.0	876	99	**BG20Z-../D06LA4**	67.53	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	22.5	1.15	938	106	**BG10-../D06LA4**	73.13	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	22.5	2.8	938	106	**BG30Z-../D06LA4**	73.51	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	22	1.85	956	108	**BG20Z-../D06LA4**	75.00	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	21	1.05	1000	113	**BG10Z-../D06LA4**	77.40	450	2000	629	2800	31	14
0.33 HP (0.25 kW)	21	1.75	1000	113	**BG20Z-../D06LA4**	78.60	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	20	2.5	1053	119	**BG30Z-../D06LA4**	81.55	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	19	0.96	1106	125	**BG10Z-../D06LA4**	85.76	450	2000	629	2800	31	14
0.33 HP (0.25 kW)	19	1.6	1106	125	**BG20Z-../D06LA4**	87.30	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	19	2.4	1106	125	**BG30Z-../D06LA4**	86.13	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	18	0.91	1168	132	**BG10Z-../D06LA4**	92.19	450	2000	629	2800	31	14
0.33 HP (0.25 kW)	18	3.2	1168	132	**BG40Z-../D06LA4**	91.02	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	17.5	1.45	1204	136	**BG20Z-../D06LA4**	94.27	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	17	2.1	1239	140	**BG30Z-../D06LA4**	95.55	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	17	3.0	1239	140	**BG40Z-../D06LA4**	96.86	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	16	0.81	1319	149	**BG10Z-../D06LA4**	102.1	450	2000	629	2800	31	14
0.33 HP (0.25 kW)	15.5	1.3	1363	154	**BG20Z-../D06LA4**	104.7	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	15.5	2.8	1363	154	**BG40Z-../D06LA4**	107.5	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	15	1.9	1407	159	**BG30Z-../D06LA4**	109.6	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	14.5	1.2	1452	164	**BG20Z-../D06LA4**	112.8	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	13.5	2.4	1558	176	**BG40Z-../D06LA4**	121.3	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	13	1.1	1620	183	**BG20Z-../D06LA4**	125.3	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	13	1.65	1620	183	**BG30Z-../D06LA4**	128.5	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	12.5	2.2	1690	191	**BG40Z-../D06LA4**	134.6	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	11.5	0.98	1814	205	**BG20Z-../D06LA4**	141.3	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	11.5	1.45	1814	205	**BG30Z-../D06LA4**	142.5	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	11.5	2.1	1814	205	**BG40Z-../D06LA4**	141.4	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	11.5	3.1	1814	205	**BG50Z-../D06LA4**	142.9	2248	10000	-	-	104	47

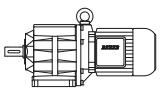
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	11	1.4	1903	215	**BG30Z-../D06LA4**	151.5	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	10.5	0.89	1991	225	**BG20Z-../D06LA4**	157.0	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	10.5	1.9	1991	225	**BG40Z-../D06LA4**	156.9	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	10	0.85	2080	235	**BG20Z-../D06LA4**	162.2	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	9.9	2.6	2124	240	**BG50Z-../D06LA4**	164.9	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	9.8	1.75	2124	240	**BG40Z-../D06LA4**	166.1	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	9.7	1.2	2168	245	**BG30Z-../D06LA4**	168.1	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	8.9	1.15	2345	265	**BG30Z-../D06LA4**	182.9	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	8.9	2.4	2345	265	**BG50Z-../D06LA4**	182.8	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	8.8	1.55	2390	270	**BG40Z-../D06LA4**	184.4	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	8.2	1.45	2567	290	**BG40Z-../D06LA4**	199.9	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	8.0	1.0	2611	295	**BG30Z-../D06LA4**	202.9	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	8.0	2.1	2611	295	**BG50Z-../D06LA4**	204.7	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	7.4	1.35	2832	320	**BG40Z-../D06LA4**	221.9	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	7.2	0.91	2921	330	**BG30Z-../D06LA4**	225.9	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	7.2	1.9	2921	330	**BG50Z-../D06LA4**	226.9	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	6.6	1.2	3186	360	**BG40Z-../D06LA4**	246.5	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	6.5	0.82	3231	365	**BG30Z-../D06LA4**	250.6	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	6.4	0.94	3054	345	**BG30G06-../D06LA4**	254.9	1349	6000	-	-	55	25
0.33 HP (0.25 kW)	6.3	1.7	3319	375	**BG50Z-../D06LA4**	258.6	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	6.0	1.1	3496	395	**BG40Z-../D06LA4**	273.6	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	5.7	1.45	2876	325	**BG40G10-../D06LA4**	288.6	1574	7000	-	-	95	43
0.33 HP (0.25 kW)	5.7	1.5	3673	415	**BG50Z-../D06LA4**	286.7	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	4.7	1.7	3585	405	**BG50G10-../D06LA4**	351.7	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	4.6	1.1	3673	415	**BG40G10-../D06LA4**	353.5	1574	7000	-	-	95	43
0.33 HP (0.25 kW)	3.8	2.8	4071	460	**BG60G20-../D06LA4**	437.3	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	3.7	0.88	4691	530	**BG40G10-../D06LA4**	448.8	1574	7000	-	-	95	43
0.33 HP (0.25 kW)	3.7	1.3	4691	530	**BG50G10-../D06LA4**	446.5	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	3.3	2.3	5045	570	**BG60G20-../D06LA4**	504.9	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	3.1	1.05	5753	650	**BG50G10-../D06LA4**	531.5	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	2.9	2.0	5753	650	**BG60G20-../D06LA4**	559.5	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	2.7	0.9	6815	770	**BG50G10-../D06LA4**	621.3	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	2.5	1.65	6992	790	**BG60G20-../D06LA4**	651.3	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	2.5	3.2	6904	780	**BG70G20-../D06LA4**	665.8	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	2.1	1.4	8231	930	**BG60G20-../D06LA4**	804.5	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	2.1	2.7	8231	930	**BG70G20-../D06LA4**	790.2	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.9	1.25	9116	1030	**BG60G20-../D06LA4**	891.5	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	1.9	2.4	9293	1050	**BG70G20-../D06LA4**	877.6	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.6	1.05	11063	1250	**BG60G20-../D06LA4**	1051	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	1.6	1.95	11240	1270	**BG70G20-../D06LA4**	1035	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.4	0.9	12834	1450	**BG60G20-../D06LA4**	1168	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	1.4	1.7	13011	1470	**BG70G20-../D06LA4**	1193	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.3	0.83	13896	1570	**BG60G20-../D06LA4**	1346	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	1.2	1.45	15489	1750	**BG70G20-../D06LA4**	1389	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.1	1.3	17082	1930	**BG70G20-../D06LA4**	1543	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.0	1.2	18587	2100	**BG70G20-../D06LA4**	1666	4496	20000	-	-	287	130

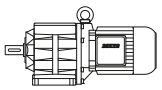
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	620	1.95	41	4.6	**BG05-../D05LA4**	2.64	94	420	-	-	15	7.0

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

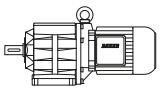
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	480	1.7	52	5.9	**BG05-../D05LA4**	3.38	103	460	-	-	15	7.0
0.4 HP (0.3 kW)	430	3.0	58	6.6	**BG06-../D05LA4**	3.78	117	520	-	-	18	8.0
0.4 HP (0.3 kW)	360	2.8	70	7.9	**BG06-../D05LA4**	4.54	119	530	-	-	18	8.0
0.4 HP (0.3 kW)	355	1.5	71	8.0	**BG05-../D05LA4**	4.59	110	490	-	-	15	7.0
0.4 HP (0.3 kW)	300	1.45	84	9.5	**BG05-../D05LA4**	5.46	110	490	-	-	15	7.0
0.4 HP (0.3 kW)	275	2.3	92	10.4	**BG06-../D05LA4**	5.96	128	570	-	-	18	8.0
0.4 HP (0.3 kW)	270	1.6	94	10.6	**BG05-../D05LA4**	6.09	108	480	-	-	15	7.0
0.4 HP (0.3 kW)	250	1.4	101	11.4	**BG05-../D05LA4**	6.60	115	510	-	-	15	7.0
0.4 HP (0.3 kW)	245	1.45	103	11.6	**BG05-../D05LA4**	6.64	112	500	-	-	15	7.0
0.4 HP (0.3 kW)	235	2.1	107	12.1	**BG06-../D05LA4**	7.01	130	580	-	-	18	8.0
0.4 HP (0.3 kW)	210	1.3	120	13.6	**BG05-../D05LA4**	7.80	119	530	-	-	15	7.0
0.4 HP (0.3 kW)	199	1.25	127	14.3	**BG05-../D05LA4**	8.15	115	510	-	-	15	7.0
0.4 HP (0.3 kW)	194	1.9	130	14.7	**BG06-../D05LA4**	8.39	135	600	-	-	18	8.0
0.4 HP (0.3 kW)	191	1.25	133	15	**BG05-../D05LA4**	8.51	124	550	-	-	15	7.0
0.4 HP (0.3 kW)	173	1.8	146	16.5	**BG06-../D05LA4**	9.38	144	640	-	-	18	8.0
0.4 HP (0.3 kW)	159	1.7	159	18	**BG06-../D05LA4**	10.24	144	640	-	-	18	8.0
0.4 HP (0.3 kW)	153	1.05	166	18.7	**BG05-../D05LA4**	10.59	133	590	-	-	15	7.0
0.4 HP (0.3 kW)	144	1.6	175	19.8	**BG06-../D05LA4**	11.28	151	670	-	-	18	8.0
0.4 HP (0.3 kW)	141	1.05	177	20	**BG05-../D05LA4**	11.55	135	600	-	-	15	7.0
0.4 HP (0.3 kW)	135	1.0	186	21	**BG05-../D05LA4**	12.05	115	510	-	-	15	7.0
0.4 HP (0.3 kW)	132	1.55	190	21.5	**BG06-../D05LA4**	12.30	151	670	-	-	18	8.0
0.4 HP (0.3 kW)	129	1.0	195	22	**BG05-../D05LA4**	12.60	137	610	-	-	15	7.0
0.4 HP (0.3 kW)	125	1.45	199	22.5	**BG06-../D05LA4**	12.98	135	600	-	-	18	8.0
0.4 HP (0.3 kW)	118	0.96	212	24	**BG05-../D05LA4**	13.75	142	630	-	-	15	7.0
0.4 HP (0.3 kW)	110	1.3	230	26	**BG06-../D05LA4**	14.78	164	730	-	-	18	8.0
0.4 HP (0.3 kW)	107	0.91	235	26.5	**BG05-../D05LA4**	15.23	144	640	-	-	15	7.0
0.4 HP (0.3 kW)	101	1.25	248	28	**BG06-../D05LA4**	16.13	166	740	-	-	18	8.0
0.4 HP (0.3 kW)	98	0.86	257	29	**BG05-../D05LA4**	16.62	148	660	-	-	15	7.0
0.4 HP (0.3 kW)	94	1.25	266	30	**BG06-../D05LA4**	17.40	171	760	-	-	18	8.0
0.4 HP (0.3 kW)	87	0.8	288	32.5	**BG05-../D05LA4**	18.82	153	680	-	-	15	7.0
0.4 HP (0.3 kW)	86	1.2	292	33	**BG06-../D05LA4**	18.98	173	770	-	-	18	8.0
0.4 HP (0.3 kW)	79	3.3	319	36	**BG10-../D06LA4**	20.51	290	1290	405	1800	29	13
0.4 HP (0.3 kW)	78	1.1	323	36.5	**BG06-../D05LA4**	20.82	180	800	-	-	18	8.0
0.4 HP (0.3 kW)	74	3.1	341	38.5	**BG10-../D06LA4**	22.04	299	1330	418	1860	29	13
0.4 HP (0.3 kW)	72	1.1	350	39.5	**BG06-../D05LA4**	22.71	182	810	-	-	18	8.0
0.4 HP (0.3 kW)	67	2.8	376	42.5	**BG10-../D06LA4**	24.42	317	1410	443	1970	29	13
0.4 HP (0.3 kW)	64	1.0	394	44.5	**BG06-../D05LA4**	25.48	191	850	-	-	18	8.0
0.4 HP (0.3 kW)	62	2.6	407	46	**BG10-../D06LA4**	26.26	328	1460	450	2000	29	13
0.4 HP (0.3 kW)	60	3.2	420	47.5	**BG15-../D06LA4**	27.08	674	3000	1349	6000	29	13
0.4 HP (0.3 kW)	59	0.93	429	48.5	**BG06-../D05LA4**	27.80	189	840	-	-	18	8.0
0.4 HP (0.3 kW)	56	2.4	451	51	**BG10-../D06LA4**	29.09	346	1540	483	2150	29	13
0.4 HP (0.3 kW)	54	2.8	469	53	**BG15-../D06LA4**	30.08	674	3000	1349	6000	29	13
0.4 HP (0.3 kW)	52	2.2	487	55	**BG10-../D06LA4**	31.52	360	1600	495	2200	29	13
0.4 HP (0.3 kW)	51	0.8	496	56	**BG06-../D05LA4**	32.22	200	890	-	-	18	8.0
0.4 HP (0.3 kW)	47.5	2.5	531	60	**BG15-../D06LA4**	34.20	674	3000	1349	6000	29	13
0.4 HP (0.3 kW)	46.5	1.95	540	61	**BG10-../D06LA4**	34.92	380	1690	528	2350	29	13
0.4 HP (0.3 kW)	44	3.1	575	65	**BG20-../D06LA4**	37.02	967	4300	-	-	35	16
0.4 HP (0.3 kW)	43	2.3	584	66	**BG15-../D06LA4**	37.90	674	3000	1349	6000	29	13
0.4 HP (0.3 kW)	41	1.75	611	69	**BG10-../D06LA4**	39.70	400	1780	551	2450	29	13
0.4 HP (0.3 kW)	39	2.7	646	73	**BG20-../D06LA4**	41.76	1012	4500	-	-	35	16
0.4 HP (0.3 kW)	37	1.55	682	77	**BG10-../D06LA4**	43.99	423	1880	585	2600	29	13
0.4 HP (0.3 kW)	35	1.5	717	81	**BG10-../D06LA4**	46.55	432	1920	596	2650	29	13
0.4 HP (0.3 kW)	35	2.5	717	81	**BG20-../D06LA4**	46.38	1057	4700	-	-	35	16
0.4 HP (0.3 kW)	34	2.4	743	84	**BG20-../D06LA4**	47.92	1068	4750	-	-	35	16
0.4 HP (0.3 kW)	31.5	1.35	797	90	**BG10-../D06LA4**	51.57	450	2000	629	2800	29	13
0.4 HP (0.3 kW)	31	3.3	814	92	**BG30-../D06LA4**	52.44	1349	6000	-	-	44	20
0.4 HP (0.3 kW)	30.5	2.2	823	93	**BG20-../D06LA4**	53.22	1113	4950	-	-	35	16
0.4 HP (0.3 kW)	28.5	1.2	885	100	**BG10-../D06LA4**	57.48	450	2000	629	2800	29	13

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

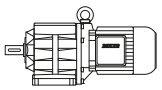
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	28	2.9	903	102	**BG30-../D06LA4**	58.18	1349	6000	-	-	44	20
0.4 HP (0.3 kW)	27.5	1.9	920	104	**BG20-../D06LA4**	59.07	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	27	2.8	938	106	**BG30-../D06LA4**	60.79	1349	6000	-	-	44	20
0.4 HP (0.3 kW)	25.5	1.05	991	112	**BG10-../D06LA4**	63.69	450	2000	629	2800	29	13
0.4 HP (0.3 kW)	25	1.05	1009	114	**BG10-../D06LA4**	66.00	450	2000	629	2800	29	13
0.4 HP (0.3 kW)	25	1.75	1009	114	**BG20-../D06LA4**	65.62	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	24.5	2.6	1027	116	**BG30-../D06LA4**	67.44	1349	6000	-	-	44	20
0.4 HP (0.3 kW)	24	1.7	1053	119	**BG20Z-../D06LA4**	67.53	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	22.5	0.94	1124	127	**BG10-../D06LA4**	73.13	450	2000	629	2800	29	13
0.4 HP (0.3 kW)	22.5	2.4	1124	127	**BG30Z-../D06LA4**	73.51	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	22	1.55	1151	130	**BG20Z-../D06LA4**	75.00	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	22	3.3	1151	130	**BG40Z-../D06LA4**	75.19	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	21	0.88	1204	136	**BG10Z-../D06LA4**	77.40	450	2000	629	2800	31	14
0.4 HP (0.3 kW)	21	1.45	1204	136	**BG20Z-../D06LA4**	78.60	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	20	2.1	1266	143	**BG30Z-../D06LA4**	81.55	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	20	3.0	1266	143	**BG40Z-../D06LA4**	82.00	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	19	0.8	1328	150	**BG10Z-../D06LA4**	85.76	450	2000	629	2800	31	14
0.4 HP (0.3 kW)	19	1.35	1328	150	**BG20Z-../D06LA4**	87.30	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	19	2.0	1328	150	**BG30Z-../D06LA4**	86.13	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	18	2.7	1407	159	**BG40Z-../D06LA4**	91.02	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	17.5	1.25	1443	163	**BG20Z-../D06LA4**	94.27	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	17	1.8	1487	168	**BG30Z-../D06LA4**	95.55	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	17	2.5	1487	168	**BG40Z-../D06LA4**	96.86	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	15.5	1.1	1629	184	**BG20Z-../D06LA4**	104.7	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	15.5	2.3	1629	184	**BG40Z-../D06LA4**	107.5	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	15	1.55	1690	191	**BG30Z-../D06LA4**	109.6	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	14.5	1.0	1744	197	**BG20Z-../D06LA4**	112.8	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	13.5	2.0	1859	210	**BG40Z-../D06LA4**	121.3	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	13	0.91	1947	220	**BG20Z-../D06LA4**	125.3	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	13	1.35	1947	220	**BG30Z-../D06LA4**	128.5	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	13	2.9	1947	220	**BG50Z-../D06LA4**	128.9	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	12.5	1.9	1991	225	**BG40Z-../D06LA4**	134.6	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	11.5	0.82	2168	245	**BG20Z-../D06LA4**	141.3	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	11.5	1.2	2168	245	**BG30Z-../D06LA4**	142.5	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	11.5	1.75	2168	245	**BG40Z-../D06LA4**	141.4	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	11.5	2.6	2168	245	**BG50Z-../D06LA4**	142.9	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	11	1.15	2301	260	**BG30Z-../D06LA4**	151.5	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	10.5	1.55	2390	270	**BG40Z-../D06LA4**	156.9	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	9.9	2.2	2522	285	**BG50Z-../D06LA4**	164.9	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	9.8	1.45	2567	290	**BG40Z-../D06LA4**	166.1	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	9.7	1.0	2611	295	**BG30Z-../D06LA4**	168.1	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	8.9	0.94	2832	320	**BG30Z-../D06LA4**	182.9	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	8.9	1.95	2832	320	**BG50Z-../D06LA4**	182.8	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	8.8	1.3	2876	325	**BG40Z-../D06LA4**	184.4	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	8.2	1.25	3054	345	**BG40Z-../D06LA4**	199.9	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	8.0	0.85	3142	355	**BG30Z-../D06LA4**	202.9	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	8.0	1.75	3142	355	**BG50Z-../D06LA4**	204.7	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	7.4	1.1	3408	385	**BG40Z-../D06LA4**	221.9	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	7.2	1.6	3496	395	**BG50Z-../D06LA4**	226.9	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	6.6	0.99	3806	430	**BG40Z-../D06LA4**	246.5	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	6.3	1.4	3983	450	**BG50Z-../D06LA4**	258.6	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	6.0	0.89	4204	475	**BG40Z-../D06LA4**	273.6	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	5.7	1.15	3629	410	**BG40G10-../D06LA4**	288.6	1574	7000	-	-	95	43
0.4 HP (0.3 kW)	5.7	1.25	4425	500	**BG50Z-../D06LA4**	286.7	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	5.3	3.2	3629	410	**BG60G20-../D06LA4**	306.1	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	4.9	3.0	3894	440	**BG60G20-../D06LA4**	334.3	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	4.7	1.35	4514	510	**BG50G10-../D06LA4**	351.7	2248	10000	-	-	112	51
0.4 HP (0.3 kW)	4.6	0.89	4602	520	**BG40G10-../D06LA4**	353.5	1574	7000	-	-	95	43

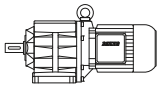
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	4.4	2.6	4381	495	**BG60G20-../D06LA4**	370.5	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	3.8	2.2	5133	580	**BG60G20-../D06LA4**	437.3	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	3.7	1.05	5841	660	**BG50G10-../D06LA4**	446.5	2248	10000	-	-	112	51
0.4 HP (0.3 kW)	3.3	1.85	6284	710	**BG60G20-../D06LA4**	504.9	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	3.1	0.86	7081	800	**BG50G10-../D06LA4**	531.5	2248	10000	-	-	112	51
0.4 HP (0.3 kW)	2.9	1.6	7258	820	**BG60G20-../D06LA4**	559.5	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	2.9	3.0	7435	840	**BG70G20-../D06LA4**	577.3	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	2.5	1.35	8674	980	**BG60G20-../D06LA4**	651.3	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	2.5	2.6	8585	970	**BG70G20-../D06LA4**	665.8	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	2.1	1.1	10267	1160	**BG60G20-../D06LA4**	804.5	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	2.1	2.2	10267	1160	**BG70G20-../D06LA4**	790.2	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.9	1.0	11329	1280	**BG60G20-../D06LA4**	891.5	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	1.9	1.9	11506	1300	**BG70G20-../D06LA4**	877.6	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.6	0.84	13719	1550	**BG60G20-../D06LA4**	1051	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	1.6	1.6	13896	1570	**BG70G20-../D06LA4**	1035	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.4	1.4	16020	1810	**BG70G20-../D06LA4**	1193	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.2	1.2	18587	2100	**BG70G20-../D06LA4**	1389	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.1	1.05	20799	2350	**BG70G20-../D06LA4**	1543	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.0	0.96	23012	2600	**BG70G20-../D06LA4**	1666	4496	20000	-	-	287	130

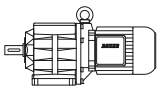
0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	620	1.6	50	5.6	**BG05-../D07LA4**	2.64	94	420	-	-	19	8.5
0.5 HP (0.37 kW)	480	1.35	65	7.3	**BG05-../D07LA4**	3.38	103	460	-	-	19	8.5
0.5 HP (0.37 kW)	430	2.4	73	8.2	**BG06-../D07LA4**	3.78	117	520	-	-	21	9.5
0.5 HP (0.37 kW)	360	2.2	87	9.8	**BG06-../D07LA4**	4.54	119	530	-	-	21	9.5
0.5 HP (0.37 kW)	355	1.2	88	9.9	**BG05-../D07LA4**	4.59	110	490	-	-	19	8.5
0.5 HP (0.37 kW)	300	1.2	104	11.7	**BG05-../D07LA4**	5.46	110	490	-	-	19	8.5
0.5 HP (0.37 kW)	275	1.9	113	12.8	**BG06-../D07LA4**	5.96	128	570	-	-	21	9.5
0.5 HP (0.37 kW)	270	1.3	115	13	**BG05-../D07LA4**	6.09	108	480	-	-	19	8.5
0.5 HP (0.37 kW)	250	1.15	125	14.1	**BG05-../D07LA4**	6.60	115	510	-	-	19	8.5
0.5 HP (0.37 kW)	245	1.2	127	14.4	**BG05-../D07LA4**	6.64	112	500	-	-	19	8.5
0.5 HP (0.37 kW)	235	1.75	133	15	**BG06-../D07LA4**	7.01	130	580	-	-	21	9.5
0.5 HP (0.37 kW)	210	1.05	149	16.8	**BG05-../D07LA4**	7.80	119	530	-	-	19	8.5
0.5 HP (0.37 kW)	199	1.0	157	17.7	**BG05-../D07LA4**	8.15	115	510	-	-	19	8.5
0.5 HP (0.37 kW)	194	1.55	161	18.2	**BG06-../D07LA4**	8.39	135	600	-	-	21	9.5
0.5 HP (0.37 kW)	191	1.05	164	18.5	**BG05-../D07LA4**	8.51	124	550	-	-	19	8.5
0.5 HP (0.37 kW)	173	1.5	177	20	**BG06-../D07LA4**	9.38	144	640	-	-	21	9.5
0.5 HP (0.37 kW)	159	1.4	195	22	**BG06-../D07LA4**	10.24	144	640	-	-	21	9.5
0.5 HP (0.37 kW)	153	0.87	204	23	**BG05-../D07LA4**	10.59	133	590	-	-	19	8.5
0.5 HP (0.37 kW)	144	1.3	217	24.5	**BG06-../D07LA4**	11.28	151	670	-	-	21	9.5
0.5 HP (0.37 kW)	141	0.84	221	25	**BG05-../D07LA4**	11.55	135	600	-	-	19	8.5
0.5 HP (0.37 kW)	135	0.81	230	26	**BG05-../D07LA4**	12.05	115	510	-	-	19	8.5
0.5 HP (0.37 kW)	132	1.25	235	26.5	**BG06-../D07LA4**	12.30	151	670	-	-	21	9.5
0.5 HP (0.37 kW)	129	0.81	239	27	**BG05-../D07LA4**	12.60	137	610	-	-	19	8.5
0.5 HP (0.37 kW)	125	1.2	248	28	**BG06-../D07LA4**	12.98	135	600	-	-	21	9.5
0.5 HP (0.37 kW)	110	1.05	283	32	**BG06-../D07LA4**	14.78	164	730	-	-	21	9.5
0.5 HP (0.37 kW)	101	1.0	305	34.5	**BG06-../D07LA4**	16.13	166	740	-	-	21	9.5
0.5 HP (0.37 kW)	94	1.0	332	37.5	**BG06-../D07LA4**	17.40	171	760	-	-	21	9.5
0.5 HP (0.37 kW)	88	3.0	354	40	**BG10-../D07LA4**	18.51	272	1210	380	1690	29	13

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

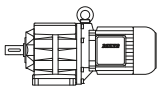
0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	86	0.98	363	41	**BG06-../D07LA4**	18.98	173	770	-	-	21	9.5
0.5 HP (0.37 kW)	79	2.7	394	44.5	**BG10-../D07LA4**	20.51	290	1290	405	1800	29	13
0.5 HP (0.37 kW)	78	0.89	398	45	**BG06-../D07LA4**	20.82	180	800	-	-	21	9.5
0.5 HP (0.37 kW)	74	2.5	420	47.5	**BG10-../D07LA4**	22.04	299	1330	418	1860	29	13
0.5 HP (0.37 kW)	72	0.88	434	49	**BG06-../D07LA4**	22.71	182	810	-	-	21	9.5
0.5 HP (0.37 kW)	67	2.3	460	52	**BG10-../D07LA4**	24.42	317	1410	443	1970	29	13
0.5 HP (0.37 kW)	64	0.82	487	55	**BG06-../D07LA4**	25.48	191	850	-	-	21	9.5
0.5 HP (0.37 kW)	62	2.1	496	56	**BG10-../D07LA4**	26.26	328	1460	450	2000	29	13
0.5 HP (0.37 kW)	60	2.6	513	58	**BG15-../D07LA4**	27.08	674	3000	1349	6000	29	13
0.5 HP (0.37 kW)	56	1.9	558	63	**BG10-../D07LA4**	29.09	346	1540	483	2150	29	13
0.5 HP (0.37 kW)	54	2.3	575	65	**BG15-../D07LA4**	30.08	674	3000	1349	6000	29	13
0.5 HP (0.37 kW)	53	3.0	584	66	**BG20-../D07LA4**	30.94	899	4000	-	-	35	16
0.5 HP (0.37 kW)	52	1.8	593	67	**BG10-../D07LA4**	31.52	360	1600	495	2200	29	13
0.5 HP (0.37 kW)	49	2.8	637	72	**BG20-../D07LA4**	33.33	922	4100	-	-	35	16
0.5 HP (0.37 kW)	47.5	2.0	655	74	**BG15-../D07LA4**	34.20	674	3000	1349	6000	29	13
0.5 HP (0.37 kW)	46.5	1.6	664	75	**BG10-../D07LA4**	34.92	380	1690	528	2350	29	13
0.5 HP (0.37 kW)	44	2.5	708	80	**BG20-../D07LA4**	37.02	967	4300	-	-	35	16
0.5 HP (0.37 kW)	43	1.85	726	82	**BG15-../D07LA4**	37.90	674	3000	1349	6000	29	13
0.5 HP (0.37 kW)	41	1.4	761	86	**BG10-../D07LA4**	39.70	400	1780	551	2450	29	13
0.5 HP (0.37 kW)	39	2.2	797	90	**BG20-../D07LA4**	41.76	1012	4500	-	-	35	16
0.5 HP (0.37 kW)	38.5	3.3	805	91	**BG30-../D07LA4**	42.46	1326	5900	-	-	44	20
0.5 HP (0.37 kW)	37	1.25	841	95	**BG10-../D07LA4**	43.99	423	1880	585	2600	29	13
0.5 HP (0.37 kW)	35	1.2	885	100	**BG10-../D07LA4**	46.55	432	1920	596	2650	29	13
0.5 HP (0.37 kW)	35	2.0	885	100	**BG20-../D07LA4**	46.38	1057	4700	-	-	35	16
0.5 HP (0.37 kW)	34.5	2.9	903	102	**BG30-../D07LA4**	47.11	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	34	1.95	912	103	**BG20-../D07LA4**	47.92	1068	4750	-	-	35	16
0.5 HP (0.37 kW)	31.5	1.05	991	112	**BG10-../D07LA4**	51.57	450	2000	629	2800	29	13
0.5 HP (0.37 kW)	31	2.7	1000	113	**BG30-../D07LA4**	52.44	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	30.5	1.75	1018	115	**BG20-../D07LA4**	53.22	1113	4950	-	-	35	16
0.5 HP (0.37 kW)	28.5	0.98	1089	123	**BG10-../D07LA4**	57.48	450	2000	629	2800	29	13
0.5 HP (0.37 kW)	28	2.4	1115	126	**BG30-../D07LA4**	58.18	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	27.5	1.55	1133	128	**BG20-../D07LA4**	59.07	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	27	2.3	1151	130	**BG30-../D07LA4**	60.79	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	25.5	0.87	1221	138	**BG10-../D07LA4**	63.69	450	2000	629	2800	29	13
0.5 HP (0.37 kW)	25	0.85	1248	141	**BG10-../D07LA4**	66.00	450	2000	629	2800	29	13
0.5 HP (0.37 kW)	25	1.4	1248	141	**BG20-../D07LA4**	65.62	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	24.5	2.1	1275	144	**BG30-../D07LA4**	67.44	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	24	1.35	1301	147	**BG20Z-../D07LA4**	67.53	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	24	2.9	1301	147	**BG40Z-../D07LA4**	67.74	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	22.5	1.9	1390	157	**BG30Z-../D07LA4**	73.51	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	22	1.25	1416	160	**BG20Z-../D07LA4**	75.00	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	22	2.7	1416	160	**BG40Z-../D07LA4**	75.19	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	21	1.2	1487	168	**BG20Z-../D07LA4**	78.60	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	20	1.7	1558	176	**BG30Z-../D07LA4**	81.55	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	20	2.4	1558	176	**BG40Z-../D07LA4**	82.00	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	19	1.1	1637	185	**BG20Z-../D07LA4**	87.30	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	19	1.6	1637	185	**BG30Z-../D07LA4**	86.13	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	18	2.2	1735	196	**BG40Z-../D07LA4**	91.02	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	17.5	1.0	1770	200	**BG20Z-../D07LA4**	94.27	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	17	1.45	1814	205	**BG30Z-../D07LA4**	95.55	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	17	2.1	1814	205	**BG40Z-../D07LA4**	96.86	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	17	3.1	1814	205	**BG50Z-../D07LA4**	95.58	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	15.5	0.89	1991	225	**BG20Z-../D07LA4**	104.7	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	15.5	1.9	1991	225	**BG40Z-../D07LA4**	107.5	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	15.5	2.8	1991	225	**BG50Z-../D07LA4**	106.0	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	15	1.3	2080	235	**BG30Z-../D07LA4**	109.6	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	14.5	0.83	2124	240	**BG20Z-../D07LA4**	112.8	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	13.5	1.65	2301	260	**BG40Z-../D07LA4**	121.3	1574	7000	-	-	84	38

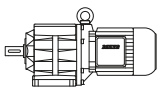
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	13	1.1	2390	270	**BG30Z-../D07LA4**	128.5	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	13	2.3	2390	270	**BG50Z-../D07LA4**	128.9	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	12.5	1.5	2478	280	**BG40Z-../D07LA4**	134.6	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	11.5	0.98	2699	305	**BG30Z-../D07LA4**	142.5	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	11.5	1.4	2699	305	**BG40Z-../D07LA4**	141.4	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	11.5	2.1	2699	305	**BG50Z-../D07LA4**	142.9	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	11	0.94	2832	320	**BG30Z-../D07LA4**	151.5	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	10.5	1.25	2965	335	**BG40Z-../D07LA4**	156.9	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	9.9	1.75	3142	355	**BG50Z-../D07LA4**	164.9	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	9.8	1.2	3186	360	**BG40Z-../D07LA4**	166.1	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	9.7	0.83	3186	360	**BG30Z-../D07LA4**	168.1	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	8.9	1.6	3496	395	**BG50Z-../D07LA4**	182.8	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	8.8	1.05	3540	400	**BG40Z-../D07LA4**	184.4	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	8.2	0.99	3806	430	**BG40Z-../D07LA4**	199.9	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	8.0	1.45	3894	440	**BG50Z-../D07LA4**	204.7	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	7.4	0.89	4204	475	**BG40Z-../D07LA4**	221.9	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	7.2	1.3	4337	490	**BG50Z-../D07LA4**	226.9	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	6.6	0.8	4691	530	**BG40Z-../D07LA4**	246.5	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	6.3	1.15	4956	560	**BG50Z-../D07LA4**	258.6	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	5.9	2.7	4248	480	**BG60G20-../D07LA4**	276.2	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	5.7	0.89	4602	520	**BG40G10-../D07LA4**	288.6	1574	7000	-	-	95	43
0.5 HP (0.37 kW)	5.7	1.05	5399	610	**BG50Z-../D07LA4**	286.7	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	5.3	2.5	4691	530	**BG60G20-../D07LA4**	306.1	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	4.9	2.2	5133	580	**BG60G20-../D07LA4**	334.3	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	4.7	1.05	5753	650	**BG50G10-../D07LA4**	351.7	2248	10000	-	-	112	51
0.5 HP (0.37 kW)	4.4	2.0	5664	640	**BG60G20-../D07LA4**	370.5	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	3.9	3.2	6904	780	**BG70G20-../D07LA4**	417.8	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	3.8	1.7	6727	760	**BG60G20-../D07LA4**	437.3	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	3.7	0.82	7435	840	**BG50G10-../D07LA4**	446.5	2248	10000	-	-	112	51
0.5 HP (0.37 kW)	3.3	1.4	8143	920	**BG60G20-../D07LA4**	504.9	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	3.3	2.7	8143	920	**BG70G20-../D07LA4**	495.9	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	2.9	1.25	9293	1050	**BG60G20-../D07LA4**	559.5	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	2.9	2.3	9470	1070	**BG70G20-../D07LA4**	577.3	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	2.5	1.05	10975	1240	**BG60G20-../D07LA4**	651.3	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	2.5	2.0	10975	1240	**BG70G20-../D07LA4**	665.8	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	2.1	0.88	13011	1470	**BG60G20-../D07LA4**	804.5	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	2.1	1.7	13099	1480	**BG70G20-../D07LA4**	790.2	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.9	0.8	14427	1630	**BG60G20-../D07LA4**	891.5	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	1.9	1.5	14604	1650	**BG70G20-../D07LA4**	877.6	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.6	1.25	17524	1980	**BG70G20-../D07LA4**	1035	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.4	1.1	19914	2250	**BG70G20-../D07LA4**	1193	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.2	0.93	23897	2700	**BG70G20-../D07LA4**	1389	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.1	0.85	26110	2950	**BG70G20-../D07LA4**	1543	4496	20000	-	-	287	130

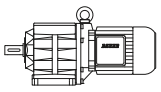
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	600	2.1	77	8.7	**BG06-../D08MA4**	2.82	106	470	-	-	35	16
0.75 HP (0.55 kW)	445	1.7	104	11.8	**BG06-../D08MA4**	3.78	117	520	-	-	35	16
0.75 HP (0.55 kW)	375	1.55	124	14	**BG06-../D08MA4**	4.54	119	530	-	-	35	16
0.75 HP (0.55 kW)	285	1.3	163	18.4	**BG06-../D08MA4**	5.96	128	570	-	-	35	16

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

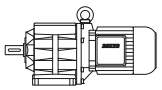
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	240	1.2	190	21.5	**BG06-../D08MA4**	7.01	130	580	-	-	35	16
0.75 HP (0.55 kW)	220	1.2	208	23.5	**BG06-../D08MA4**	7.65	130	580	-	-	35	16
0.75 HP (0.55 kW)	205	1.1	226	25.5	**BG06-../D08MA4**	8.39	135	600	-	-	35	16
0.75 HP (0.55 kW)	181	3.3	257	29	**BG10-../D08MA4**	9.33	214	950	299	1330	35	16
0.75 HP (0.55 kW)	180	1.05	257	29	**BG06-../D08MA4**	9.38	144	640	-	-	35	16
0.75 HP (0.55 kW)	165	0.98	279	31.5	**BG06-../D08MA4**	10.24	144	640	-	-	35	16
0.75 HP (0.55 kW)	163	3.1	283	32	**BG10-../D08MA4**	10.34	225	1000	315	1400	35	16
0.75 HP (0.55 kW)	149	0.91	310	35	**BG06-../D08MA4**	11.28	151	670	-	-	35	16
0.75 HP (0.55 kW)	141	2.8	327	37	**BG10-../D08MA4**	11.92	232	1030	324	1440	35	16
0.75 HP (0.55 kW)	137	0.87	336	38	**BG06-../D08MA4**	12.30	151	670	-	-	35	16
0.75 HP (0.55 kW)	130	0.83	354	40	**BG06-../D08MA4**	12.98	135	600	-	-	35	16
0.75 HP (0.55 kW)	128	2.7	363	41	**BG10-../D08MA4**	13.21	241	1070	335	1490	35	16
0.75 HP (0.55 kW)	116	2.5	398	45	**BG10-../D08MA4**	14.58	247	1100	346	1540	35	16
0.75 HP (0.55 kW)	105	2.3	443	50	**BG10-../D08MA4**	16.15	256	1140	357	1590	35	16
0.75 HP (0.55 kW)	91	2.1	504	57	**BG10-../D08MA4**	18.51	272	1210	380	1690	35	16
0.75 HP (0.55 kW)	85	3.2	540	61	**BG20-../D08MA4**	19.95	753	3350	-	-	42	19
0.75 HP (0.55 kW)	82	1.9	566	64	**BG10-../D08MA4**	20.51	290	1290	405	1800	35	16
0.75 HP (0.55 kW)	77	1.75	602	68	**BG10-../D08MA4**	22.04	299	1330	418	1860	35	16
0.75 HP (0.55 kW)	76	2.9	611	69	**BG20-../D08MA4**	22.16	787	3500	-	-	42	19
0.75 HP (0.55 kW)	73	2.8	628	71	**BG20-../D08MA4**	23.22	798	3550	-	-	42	19
0.75 HP (0.55 kW)	69	1.6	673	76	**BG10-../D08MA4**	24.42	317	1410	443	1970	35	16
0.75 HP (0.55 kW)	66	2.5	699	79	**BG20-../D08MA4**	25.79	832	3700	-	-	42	19
0.75 HP (0.55 kW)	64	1.45	726	82	**BG10-../D08MA4**	26.26	328	1460	450	2000	35	16
0.75 HP (0.55 kW)	63	1.8	735	83	**BG15-../D08MA4**	27.08	674	3000	1349	6000	35	16
0.75 HP (0.55 kW)	61	2.3	761	86	**BG20-../D08MA4**	27.85	854	3800	-	-	42	19
0.75 HP (0.55 kW)	58	1.35	797	90	**BG10-../D08MA4**	29.09	346	1540	483	2150	35	16
0.75 HP (0.55 kW)	57	3.3	814	92	**BG30-../D08MA4**	29.83	1169	5200	-	-	51	23
0.75 HP (0.55 kW)	56	1.6	823	93	**BG15-../D08MA4**	30.08	674	3000	1349	6000	35	16
0.75 HP (0.55 kW)	55	2.1	841	95	**BG20-../D08MA4**	30.94	899	4000	-	-	42	19
0.75 HP (0.55 kW)	54	1.25	859	97	**BG10-../D08MA4**	31.52	360	1600	495	2200	35	16
0.75 HP (0.55 kW)	51	1.95	903	102	**BG20-../D08MA4**	33.33	922	4100	-	-	42	19
0.75 HP (0.55 kW)	51	2.9	903	102	**BG30-../D08MA4**	33.09	1214	5400	-	-	51	23
0.75 HP (0.55 kW)	49.5	1.4	938	106	**BG15-../D08MA4**	34.20	674	3000	1349	6000	35	16
0.75 HP (0.55 kW)	48.5	1.1	956	108	**BG10-../D08MA4**	34.92	380	1690	528	2350	35	16
0.75 HP (0.55 kW)	48	2.8	965	109	**BG30-../D08MA4**	35.17	1236	5500	-	-	51	23
0.75 HP (0.55 kW)	45.5	1.75	1018	115	**BG20-../D08MA4**	37.02	967	4300	-	-	42	19
0.75 HP (0.55 kW)	44.5	1.25	1044	118	**BG15-../D08MA4**	37.90	674	3000	1349	6000	35	16
0.75 HP (0.55 kW)	43.5	2.5	1062	120	**BG30-../D08MA4**	39.02	1304	5800	-	-	51	23
0.75 HP (0.55 kW)	42.5	0.98	1089	123	**BG10-../D08MA4**	39.70	400	1780	551	2450	35	16
0.75 HP (0.55 kW)	40.5	1.55	1142	129	**BG20-../D08MA4**	41.76	1012	4500	-	-	42	19
0.75 HP (0.55 kW)	40	2.3	1159	131	**BG30-../D08MA4**	42.46	1326	5900	-	-	51	23
0.75 HP (0.55 kW)	38.5	0.88	1204	136	**BG10-../D08MA4**	43.99	423	1880	585	2600	35	16
0.75 HP (0.55 kW)	38	3.1	1221	138	**BG40-../D08MA4**	44.62	1574	7000	-	-	84	38
0.75 HP (0.55 kW)	36.5	0.84	1266	143	**BG10-../D08MA4**	46.55	432	1920	596	2650	35	16
0.75 HP (0.55 kW)	36.5	1.4	1266	143	**BG20-../D08MA4**	46.38	1057	4700	-	-	42	19
0.75 HP (0.55 kW)	36	2.1	1283	145	**BG30-../D08MA4**	47.11	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	35.5	1.35	1301	147	**BG20-../D08MA4**	47.92	1068	4750	-	-	42	19
0.75 HP (0.55 kW)	35	2.8	1328	150	**BG40-../D08MA4**	48.36	1574	7000	-	-	84	38
0.75 HP (0.55 kW)	32.5	1.85	1425	161	**BG30-../D08MA4**	52.44	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	32	1.2	1452	164	**BG20-../D08MA4**	53.22	1113	4950	-	-	42	19
0.75 HP (0.55 kW)	31.5	2.6	1469	166	**BG40-../D08MA4**	53.69	1574	7000	-	-	84	38
0.75 HP (0.55 kW)	29	1.65	1602	181	**BG30-../D08MA4**	58.18	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	28.5	1.1	1629	184	**BG20-../D08MA4**	59.07	1124	5000	-	-	42	19
0.75 HP (0.55 kW)	28.5	2.3	1629	184	**BG40-../D08MA4**	59.64	1574	7000	-	-	84	38
0.75 HP (0.55 kW)	28	1.6	1655	187	**BG30-../D08MA4**	60.79	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	26	1.0	1770	200	**BG20-../D08MA4**	65.62	1124	5000	-	-	42	19
0.75 HP (0.55 kW)	26	3.2	1770	200	**BG50-../D08MA4**	65.86	2248	10000	-	-	101	46
0.75 HP (0.55 kW)	25.5	2.1	1814	205	**BG40-../D08MA4**	66.20	1574	7000	-	-	84	38

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

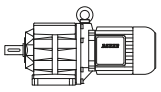
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	25	0.95	1859	210	**BG20Z-../D08MA4**	67.53	1124	5000	-	-	44	20
0.75 HP (0.55 kW)	25	1.45	1859	210	**BG30-../D08MA4**	67.44	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	25	2.0	1859	210	**BG40Z-../D08MA4**	67.74	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	23.5	2.9	1947	220	**BG50Z-../D08MA4**	71.97	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	23	1.35	1991	225	**BG30Z-../D08MA4**	73.51	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	22.5	0.87	2036	230	**BG20Z-../D08MA4**	75.00	1124	5000	-	-	44	20
0.75 HP (0.55 kW)	22.5	1.85	2036	230	**BG40Z-../D08MA4**	75.19	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	21.5	0.83	2124	240	**BG20Z-../D08MA4**	78.60	1124	5000	-	-	44	20
0.75 HP (0.55 kW)	21.5	2.6	2124	240	**BG50Z-../D08MA4**	79.78	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	21	1.2	2213	250	**BG30Z-../D08MA4**	81.55	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	20.5	1.65	2257	255	**BG40Z-../D08MA4**	82.00	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	20	1.15	2301	260	**BG30Z-../D08MA4**	86.13	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	18.5	1.5	2478	280	**BG40Z-../D08MA4**	91.02	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	18	1.05	2567	290	**BG30Z-../D08MA4**	95.55	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	18	2.2	2567	290	**BG50Z-../D08MA4**	95.58	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	17.5	1.4	2655	300	**BG40Z-../D08MA4**	96.86	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	16	1.3	2876	325	**BG40Z-../D08MA4**	107.5	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	16	1.95	2876	325	**BG50Z-../D08MA4**	106.0	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	15.5	0.9	2965	335	**BG30Z-../D08MA4**	109.6	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	14.5	3.3	3186	360	**BG60Z-../D08MA4**	119.2	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	14	0.8	3319	375	**BG30Z-../D08MA4**	121.6	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	14	1.15	3319	375	**BG40Z-../D08MA4**	121.3	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	13.5	1.65	3408	385	**BG50Z-../D08MA4**	128.9	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	13	3.0	3540	400	**BG60Z-../D08MA4**	132.1	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	12.5	1.0	3717	420	**BG40Z-../D08MA4**	134.6	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	12	0.98	3850	435	**BG40Z-../D08MA4**	141.4	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	12	1.45	3850	435	**BG50Z-../D08MA4**	142.9	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	11	0.89	4204	475	**BG40Z-../D08MA4**	156.9	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	11	2.5	4204	475	**BG60Z-../D08MA4**	158.0	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	10.5	0.85	4425	500	**BG40Z-../D08MA4**	166.1	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	10.5	1.25	4425	500	**BG50Z-../D08MA4**	164.9	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	9.6	2.2	4779	540	**BG60Z-../D08MA4**	175.1	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	9.2	1.1	5045	570	**BG50Z-../D08MA4**	182.8	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	8.3	1.0	5576	630	**BG50Z-../D08MA4**	204.7	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	8.3	1.9	5576	630	**BG60Z-../D08MA4**	204.6	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	7.5	0.9	6196	700	**BG50Z-../D08MA4**	226.9	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	7.5	1.7	6196	700	**BG60Z-../D08MA4**	226.7	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	6.8	1.55	6815	770	**BG60Z-../D08MA4**	247.7	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	6.8	3.0	6815	770	**BG70Z-../D08MA4**	249.8	4496	20000	-	-	300	136
0.75 HP (0.55 kW)	6.2	1.45	7435	840	**BG60Z-../D08MA4**	274.5	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	6.1	1.75	6550	740	**BG60G20-../D08MA4**	276.2	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	5.9	0.86	7081	800	**BG50G10-../D08MA4**	287.1	2248	10000	-	-	121	55
0.75 HP (0.55 kW)	5.5	1.6	7258	820	**BG60G20-../D08MA4**	306.1	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	5.2	2.9	7700	870	**BG70G20-../D08MA4**	328.4	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	5.1	1.5	7789	880	**BG60G20-../D08MA4**	334.3	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	4.6	1.35	8674	980	**BG60G20-../D08MA4**	370.5	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	4.4	2.4	9205	1040	**BG70G20-../D08MA4**	387.6	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	4.1	2.2	10178	1150	**BG70G20-../D08MA4**	417.8	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	3.9	1.1	10444	1180	**BG60G20-../D08MA4**	437.3	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	3.4	0.94	12303	1390	**BG60G20-../D08MA4**	504.9	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	3.4	1.8	12303	1390	**BG70G20-../D08MA4**	495.9	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	3.1	0.86	13453	1520	**BG60G20-../D08MA4**	559.5	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	3.0	1.55	14161	1600	**BG70G20-../D08MA4**	577.3	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	2.6	1.35	16374	1850	**BG70G20-../D08MA4**	665.8	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	2.6	3.0	13630	1540	**BG80G40-../D08MA4**	657.8	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	2.4	2.7	14958	1690	**BG80G40-../D08MA4**	730.3	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	2.2	1.15	19029	2150	**BG70G20-../D08MA4**	790.2	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	2.1	2.3	17436	1970	**BG80G40-../D08MA4**	817.4	5845	26000	-	-	474	215

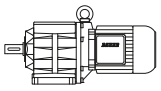
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	2.0	1.05	21242	2400	**BG70G20-../D08MA4**	877.6	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	1.9	2.1	19472	2200	**BG80G40-../D08MA4**	907.6	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.7	0.88	25225	2850	**BG70G20-../D08MA4**	1035	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	1.7	1.85	22127	2500	**BG80G40-../D08MA4**	1042	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.5	3.3	24782	2800	**BG90G50-../D08MA4**	1174	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	1.4	1.45	28322	3200	**BG80G40-../D08MA4**	1261	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.3	2.7	29650	3350	**BG90G50-../D08MA4**	1301	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	1.2	1.2	33633	3800	**BG80G40-../D08MA4**	1400	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.1	1.1	37173	4200	**BG80G40-../D08MA4**	1653	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.1	2.2	36288	4100	**BG90G50-../D08MA4**	1583	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	1.0	2.0	40271	4550	**BG90G50-../D08MA4**	1756	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.85	1.65	48679	5500	**BG90G50-../D08MA4**	2026	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.7	1.35	60185	6800	**BG90G50-../D08MA4**	2514	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.65	1.25	65496	7400	**BG90G50-../D08MA4**	2786	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.65	3.2	50449	5700	**BG100G50-../D08MA4**	2656	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.6	2.8	57530	6500	**BG100G50-../D08MA4**	2952	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.55	1.05	77887	8800	**BG90G50-../D08MA4**	3177	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.55	2.6	61955	7000	**BG100G50-../D08MA4**	3286	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.47	2.2	76116	8600	**BG100G50-../D08MA4**	3644	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.39	1.7	96473	10900	**BG100G50-../D08MA4**	4366	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.35	1.5	110634	12500	**BG100G50-../D08MA4**	4839	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.29	1.2	138072	15600	**BG100G50-../D08MA4**	5888	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.26	1.05	155773	17600	**BG100G50-../D08MA4**	6529	20233	90000	-	-	1129	512

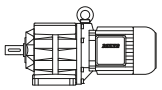
1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	620	1.55	102	11.5	**BG06-../DPE08XB4**	2.82	106	470	-	-	42	19
1 HP (0.75 kW)	460	1.3	137	15.5	**BG06-../DPE08XB4**	3.78	117	520	-	-	42	19
1 HP (0.75 kW)	385	1.2	165	18.6	**BG06-../DPE08XB4**	4.54	119	530	-	-	42	19
1 HP (0.75 kW)	295	1.0	212	24	**BG06-../DPE08XB4**	5.96	128	570	-	-	42	19
1 HP (0.75 kW)	255	3.1	248	28	**BG10-../DPE08XB4**	6.89	191	850	270	1200	42	19
1 HP (0.75 kW)	250	0.91	252	28.5	**BG06-../DPE08XB4**	7.01	130	580	-	-	42	19
1 HP (0.75 kW)	230	0.9	274	31	**BG06-../DPE08XB4**	7.65	130	580	-	-	42	19
1 HP (0.75 kW)	230	2.9	274	31	**BG10-../DPE08XB4**	7.63	202	900	281	1250	42	19
1 HP (0.75 kW)	215	2.7	292	33	**BG10-../DPE08XB4**	8.07	148	660	207	920	42	19
1 HP (0.75 kW)	210	0.82	301	34	**BG06-../DPE08XB4**	8.39	135	600	-	-	42	19
1 HP (0.75 kW)	186	2.5	341	38.5	**BG10-../DPE08XB4**	9.33	214	950	299	1330	42	19
1 HP (0.75 kW)	180	3.1	350	39.5	**BG20-../DPE08XB4**	9.65	506	2250	-	-	49	22
1 HP (0.75 kW)	168	2.3	376	42.5	**BG10-../DPE08XB4**	10.34	225	1000	315	1400	42	19
1 HP (0.75 kW)	149	3.3	425	48	**BG20-../DPE08XB4**	11.71	629	2800	-	-	49	22
1 HP (0.75 kW)	146	2.1	434	49	**BG10-../DPE08XB4**	11.92	232	1030	324	1440	42	19
1 HP (0.75 kW)	132	2.0	478	54	**BG10-../DPE08XB4**	13.21	241	1070	335	1490	42	19
1 HP (0.75 kW)	132	3.1	478	54	**BG20-../DPE08XB4**	13.21	652	2900	-	-	49	22
1 HP (0.75 kW)	119	1.9	531	60	**BG10-../DPE08XB4**	14.58	247	1100	346	1540	42	19
1 HP (0.75 kW)	119	2.9	531	60	**BG20-../DPE08XB4**	14.67	686	3050	-	-	49	22
1 HP (0.75 kW)	112	2.8	558	63	**BG20-../DPE08XB4**	15.58	697	3100	-	-	49	22
1 HP (0.75 kW)	108	1.75	584	66	**BG10-../DPE08XB4**	16.15	256	1140	357	1590	42	19
1 HP (0.75 kW)	101	2.6	620	70	**BG20-../DPE08XB4**	17.31	719	3200	-	-	49	22
1 HP (0.75 kW)	94	1.6	673	76	**BG10-../DPE08XB4**	18.51	272	1210	380	1690	42	19
1 HP (0.75 kW)	87	2.4	726	82	**BG20-../DPE08XB4**	19.95	753	3350	-	-	49	22

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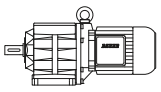
1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	85	1.45	743	84	**BG10-../DPE08XB4**	20.51	290	1290	405	1800	42	19
1 HP (0.75 kW)	79	1.35	797	90	**BG10-../DPE08XB4**	22.04	299	1330	418	1860	42	19
1 HP (0.75 kW)	79	2.2	797	90	**BG20-../DPE08XB4**	22.16	787	3500	-	-	49	22
1 HP (0.75 kW)	79	3.3	797	90	**BG30-../DPE08XB4**	22.18	1034	4600	-	-	57	26
1 HP (0.75 kW)	75	2.1	841	95	**BG20-../DPE08XB4**	23.22	798	3550	-	-	49	22
1 HP (0.75 kW)	72	1.2	876	99	**BG10-../DPE08XB4**	24.42	317	1410	443	1970	42	19
1 HP (0.75 kW)	69	2.9	912	103	**BG30-../DPE08XB4**	25.45	1090	4850	-	-	57	26
1 HP (0.75 kW)	68	1.9	929	105	**BG20-../DPE08XB4**	25.79	832	3700	-	-	49	22
1 HP (0.75 kW)	67	1.15	938	106	**BG10-../DPE08XB4**	26.26	328	1460	450	2000	42	19
1 HP (0.75 kW)	65	1.35	974	110	**BG15-../DPE08XB4**	27.08	674	3000	1349	6000	42	19
1 HP (0.75 kW)	63	1.75	1000	113	**BG20-../DPE08XB4**	27.85	854	3800	-	-	49	22
1 HP (0.75 kW)	62	2.6	1018	115	**BG30-../DPE08XB4**	28.24	1147	5100	-	-	57	26
1 HP (0.75 kW)	60	1.0	1053	119	**BG10-../DPE08XB4**	29.09	346	1540	483	2150	42	19
1 HP (0.75 kW)	59	2.5	1071	121	**BG30-../DPE08XB4**	29.83	1169	5200	-	-	57	26
1 HP (0.75 kW)	58	1.2	1089	123	**BG15-../DPE08XB4**	30.08	674	3000	1349	6000	42	19
1 HP (0.75 kW)	57	1.6	1106	125	**BG20-../DPE08XB4**	30.94	899	4000	-	-	49	22
1 HP (0.75 kW)	56	0.94	1124	127	**BG10-../DPE08XB4**	31.52	360	1600	495	2200	42	19
1 HP (0.75 kW)	54	3.2	1168	132	**BG40-../DPE08XB4**	32.57	1574	7000	-	-	90	41
1 HP (0.75 kW)	53	1.5	1195	135	**BG20-../DPE08XB4**	33.33	922	4100	-	-	49	22
1 HP (0.75 kW)	53	2.2	1195	135	**BG30-../DPE08XB4**	33.09	1214	5400	-	-	57	26
1 HP (0.75 kW)	51	1.05	1239	140	**BG15-../DPE08XB4**	34.20	674	3000	1349	6000	42	19
1 HP (0.75 kW)	51	3.0	1239	140	**BG40-../DPE08XB4**	34.20	1574	7000	-	-	90	41
1 HP (0.75 kW)	50	0.84	1266	143	**BG10-../DPE08XB4**	34.92	380	1690	528	2350	42	19
1 HP (0.75 kW)	49.5	2.1	1275	144	**BG30-../DPE08XB4**	35.17	1236	5500	-	-	57	26
1 HP (0.75 kW)	47	1.3	1345	152	**BG20-../DPE08XB4**	37.02	967	4300	-	-	49	22
1 HP (0.75 kW)	46	0.97	1372	155	**BG15-../DPE08XB4**	37.90	674	3000	1349	6000	42	19
1 HP (0.75 kW)	46	2.7	1372	155	**BG40-../DPE08XB4**	37.96	1574	7000	-	-	90	41
1 HP (0.75 kW)	44.5	1.9	1416	160	**BG30-../DPE08XB4**	39.02	1304	5800	-	-	57	26
1 HP (0.75 kW)	43.5	2.6	1452	164	**BG40-../DPE08XB4**	40.19	1574	7000	-	-	90	41
1 HP (0.75 kW)	42	1.2	1505	170	**BG20-../DPE08XB4**	41.76	1012	4500	-	-	49	22
1 HP (0.75 kW)	41	1.7	1540	174	**BG30-../DPE08XB4**	42.46	1326	5900	-	-	57	26
1 HP (0.75 kW)	39	2.3	1620	183	**BG40-../DPE08XB4**	44.62	1574	7000	-	-	90	41
1 HP (0.75 kW)	37.5	1.05	1690	191	**BG20-../DPE08XB4**	46.38	1057	4700	-	-	49	22
1 HP (0.75 kW)	37	1.55	1708	193	**BG30-../DPE08XB4**	47.11	1349	6000	-	-	57	26
1 HP (0.75 kW)	37	3.3	1708	193	**BG50-../DPE08XB4**	47.02	2248	10000	-	-	108	49
1 HP (0.75 kW)	36.5	1.0	1735	196	**BG20-../DPE08XB4**	47.92	1068	4750	-	-	49	22
1 HP (0.75 kW)	36	2.1	1752	198	**BG40-../DPE08XB4**	48.36	1574	7000	-	-	90	41
1 HP (0.75 kW)	33.5	1.45	1859	210	**BG30-../DPE08XB4**	52.44	1349	6000	-	-	57	26
1 HP (0.75 kW)	33.5	3.0	1859	210	**BG50-../DPE08XB4**	52.12	2248	10000	-	-	108	49
1 HP (0.75 kW)	33	0.93	1903	215	**BG20-../DPE08XB4**	53.22	1113	4950	-	-	49	22
1 HP (0.75 kW)	32.5	1.95	1947	220	**BG40-../DPE08XB4**	53.69	1574	7000	-	-	90	41
1 HP (0.75 kW)	30	1.3	2080	235	**BG30-../DPE08XB4**	58.18	1349	6000	-	-	57	26
1 HP (0.75 kW)	29.5	0.83	2124	240	**BG20-../DPE08XB4**	59.07	1124	5000	-	-	49	22
1 HP (0.75 kW)	29.5	1.75	2124	240	**BG40-../DPE08XB4**	59.64	1574	7000	-	-	90	41
1 HP (0.75 kW)	29.5	2.6	2124	240	**BG50-../DPE08XB4**	59.42	2248	10000	-	-	108	49
1 HP (0.75 kW)	29	1.2	2168	245	**BG30-../DPE08XB4**	60.79	1349	6000	-	-	57	26
1 HP (0.75 kW)	26.5	1.55	2390	270	**BG40-../DPE08XB4**	66.20	1574	7000	-	-	90	41
1 HP (0.75 kW)	26.5	2.3	2390	270	**BG50-../DPE08XB4**	65.86	2248	10000	-	-	108	49
1 HP (0.75 kW)	26	1.1	2434	275	**BG30-../DPE08XB4**	67.44	1349	6000	-	-	57	26
1 HP (0.75 kW)	26	1.55	2434	275	**BG40Z-../DPE08XB4**	67.74	1574	7000	-	-	97	44
1 HP (0.75 kW)	24.5	2.2	2567	290	**BG50Z-../DPE08XB4**	71.97	2248	10000	-	-	119	54
1 HP (0.75 kW)	24	1.0	2611	295	**BG30Z-../DPE08XB4**	73.51	1349	6000	-	-	64	29
1 HP (0.75 kW)	23.5	1.4	2655	300	**BG40Z-../DPE08XB4**	75.19	1574	7000	-	-	97	44
1 HP (0.75 kW)	22	1.95	2876	325	**BG50Z-../DPE08XB4**	79.78	2248	10000	-	-	119	54
1 HP (0.75 kW)	21.5	0.91	2921	330	**BG30Z-../DPE08XB4**	81.55	1349	6000	-	-	64	29
1 HP (0.75 kW)	21.5	1.3	2921	330	**BG40Z-../DPE08XB4**	82.00	1574	7000	-	-	97	44
1 HP (0.75 kW)	20.5	0.87	3054	345	**BG30Z-../DPE08XB4**	86.13	1349	6000	-	-	64	29
1 HP (0.75 kW)	19.5	1.15	3231	365	**BG40Z-../DPE08XB4**	91.02	1574	7000	-	-	97	44

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

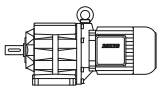
1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	19.5	3.3	3231	365	**BG60Z-../DPE08XB4**	91.09	3597	16000	-	-	218	99
1 HP (0.75 kW)	18.5	1.65	3408	385	**BG50Z-../DPE08XB4**	95.58	2248	10000	-	-	119	54
1 HP (0.75 kW)	18	1.1	3496	395	**BG40Z-../DPE08XB4**	96.86	1574	7000	-	-	97	44
1 HP (0.75 kW)	17.5	3.0	3585	405	**BG60Z-../DPE08XB4**	101.0	3597	16000	-	-	218	99
1 HP (0.75 kW)	16.5	0.99	3806	430	**BG40Z-../DPE08XB4**	107.5	1574	7000	-	-	97	44
1 HP (0.75 kW)	16.5	1.45	3806	430	**BG50Z-../DPE08XB4**	106.0	2248	10000	-	-	119	54
1 HP (0.75 kW)	15	2.5	4204	475	**BG60Z-../DPE08XB4**	119.2	3597	16000	-	-	218	99
1 HP (0.75 kW)	14.5	0.87	4337	490	**BG40Z-../DPE08XB4**	121.3	1574	7000	-	-	97	44
1 HP (0.75 kW)	13.5	1.2	4691	530	**BG50Z-../DPE08XB4**	128.9	2248	10000	-	-	119	54
1 HP (0.75 kW)	13.5	2.3	4691	530	**BG60Z-../DPE08XB4**	132.1	3597	16000	-	-	218	99
1 HP (0.75 kW)	12.5	1.1	5045	570	**BG50Z-../DPE08XB4**	142.9	2248	10000	-	-	119	54
1 HP (0.75 kW)	11	0.97	5753	650	**BG50Z-../DPE08XB4**	164.9	2248	10000	-	-	119	54
1 HP (0.75 kW)	11	1.85	5753	650	**BG60Z-../DPE08XB4**	158.0	3597	16000	-	-	218	99
1 HP (0.75 kW)	10	1.7	6284	710	**BG60Z-../DPE08XB4**	175.1	3597	16000	-	-	218	99
1 HP (0.75 kW)	9.5	0.84	6638	750	**BG50Z-../DPE08XB4**	182.8	2248	10000	-	-	119	54
1 HP (0.75 kW)	9.0	2.9	6992	790	**BG70Z-../DPE08XB4**	194.4	4496	20000	-	-	304	138
1 HP (0.75 kW)	8.5	1.45	7435	840	**BG60Z-../DPE08XB4**	204.6	3597	16000	-	-	218	99
1 HP (0.75 kW)	8.3	2.7	7612	860	**BG70Z-../DPE08XB4**	210.5	4496	20000	-	-	304	138
1 HP (0.75 kW)	7.7	1.3	8231	930	**BG60Z-../DPE08XB4**	226.7	3597	16000	-	-	218	99
1 HP (0.75 kW)	7.1	1.2	8851	1000	**BG60Z-../DPE08XB4**	247.7	3597	16000	-	-	218	99
1 HP (0.75 kW)	7.0	2.3	9028	1020	**BG70Z-../DPE08XB4**	249.8	4496	20000	-	-	304	138
1 HP (0.75 kW)	6.8	2.7	8320	940	**BG70G20-../DPE08XB4**	255.5	4496	20000	-	-	300	136
1 HP (0.75 kW)	6.4	1.1	9824	1110	**BG60Z-../DPE08XB4**	274.5	3597	16000	-	-	218	99
1 HP (0.75 kW)	6.3	1.25	9028	1020	**BG60G20-../DPE08XB4**	276.2	3597	16000	-	-	234	106
1 HP (0.75 kW)	6.3	2.5	9028	1020	**BG70G20-../DPE08XB4**	276.7	4496	20000	-	-	300	136
1 HP (0.75 kW)	5.7	1.15	9913	1120	**BG60G20-../DPE08XB4**	306.1	3597	16000	-	-	234	106
1 HP (0.75 kW)	5.3	2.1	10709	1210	**BG70G20-../DPE08XB4**	328.4	4496	20000	-	-	300	136
1 HP (0.75 kW)	5.2	1.05	10886	1230	**BG60G20-../DPE08XB4**	334.3	3597	16000	-	-	234	106
1 HP (0.75 kW)	4.7	0.96	12037	1360	**BG60G20-../DPE08XB4**	370.5	3597	16000	-	-	234	106
1 HP (0.75 kW)	4.5	1.75	12745	1440	**BG70G20-../DPE08XB4**	387.6	4496	20000	-	-	300	136
1 HP (0.75 kW)	4.2	1.6	13984	1580	**BG70G20-../DPE08XB4**	417.8	4496	20000	-	-	300	136
1 HP (0.75 kW)	4.0	0.8	14338	1620	**BG60G20-../DPE08XB4**	437.3	3597	16000	-	-	234	106
1 HP (0.75 kW)	4.0	3.2	12834	1450	**BG80G40-../DPE08XB4**	436.2	5845	26000	-	-	481	218
1 HP (0.75 kW)	3.6	2.9	14250	1610	**BG80G40-../DPE08XB4**	484.3	5845	26000	-	-	481	218
1 HP (0.75 kW)	3.5	1.3	16816	1900	**BG70G20-../DPE08XB4**	495.9	4496	20000	-	-	300	136
1 HP (0.75 kW)	3.1	1.15	19029	2150	**BG70G20-../DPE08XB4**	577.3	4496	20000	-	-	300	136
1 HP (0.75 kW)	3.1	2.4	17082	1930	**BG80G40-../DPE08XB4**	572.0	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.7	1.0	21684	2450	**BG70G20-../DPE08XB4**	665.8	4496	20000	-	-	300	136
1 HP (0.75 kW)	2.7	2.1	19029	2150	**BG80G40-../DPE08XB4**	657.8	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.4	1.9	21684	2450	**BG80G40-../DPE08XB4**	730.3	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.2	0.82	26995	3050	**BG70G20-../DPE08XB4**	790.2	4496	20000	-	-	300	136
1 HP (0.75 kW)	2.2	1.7	23897	2700	**BG80G40-../DPE08XB4**	817.4	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.0	1.55	26552	3000	**BG80G40-../DPE08XB4**	907.6	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.0	3.2	25667	2900	**BG90G50-../DPE08XB4**	883.7	14613	65000	-	-	723	328
1 HP (0.75 kW)	1.7	1.25	32305	3650	**BG80G40-../DPE08XB4**	1042	5845	26000	-	-	481	218
1 HP (0.75 kW)	1.5	2.2	36288	4100	**BG90G50-../DPE08XB4**	1174	14613	65000	-	-	723	328
1 HP (0.75 kW)	1.4	1.0	40271	4550	**BG80G40-../DPE08XB4**	1261	5845	26000	-	-	481	218
1 HP (0.75 kW)	1.4	2.1	38943	4400	**BG90G50-../DPE08XB4**	1301	14613	65000	-	-	723	328
1 HP (0.75 kW)	1.3	0.93	43811	4950	**BG80G40-../DPE08XB4**	1400	5845	26000	-	-	481	218
1 HP (0.75 kW)	1.1	1.6	51334	5800	**BG90G50-../DPE08XB4**	1583	14613	65000	-	-	723	328
1 HP (0.75 kW)	1.0	1.45	56645	6400	**BG90G50-../DPE08XB4**	1756	14613	65000	-	-	723	328
1 HP (0.75 kW)	0.95	3.2	50449	5700	**BG100G50-../DPE08XB4**	1867	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.9	1.3	63725	7200	**BG90G50-../DPE08XB4**	2026	14613	65000	-	-	723	328
1 HP (0.75 kW)	0.85	2.9	55760	6300	**BG100G50-../DPE08XB4**	2154	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.7	2.4	69036	7800	**BG100G50-../DPE08XB4**	2656	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.6	1.95	84967	9600	**BG100G50-../DPE08XB4**	2952	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.55	1.75	92933	10500	**BG100G50-../DPE08XB4**	3286	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.48	1.5	109749	12400	**BG100G50-../DPE08XB4**	3644	20233	90000	-	-	1133	514

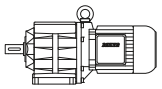
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	0.4	1.2	136301	15400	**BG100G50-../DPE08XB4**	4366	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.36	1.05	153118	17300	**BG100G50-../DPE08XB4**	4839	20233	90000	-	-	1133	514

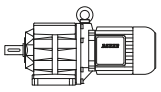
1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	700	3.7	133	15	**BG10-../DPE09XB4**	2.52	128	570	178	790	66	30
1.5 HP (1.1 kW)	520	3.1	177	20	**BG10-../DPE09XB4**	3.42	142	630	198	880	66	30
1.5 HP (1.1 kW)	405	2.7	226	25.5	**BG10-../DPE09XB4**	4.36	146	650	205	910	66	30
1.5 HP (1.1 kW)	330	2.4	279	31.5	**BG10-../DPE09XB4**	5.34	139	620	205	910	66	30
1.5 HP (1.1 kW)	275	3.2	336	38	**BG20-../DPE09XB4**	6.48	506	2250	-	-	71	32
1.5 HP (1.1 kW)	265	3.3	350	39.5	**BG20-../DPE09XB4**	6.73	528	2350	472	2100	71	32
1.5 HP (1.1 kW)	255	2.1	363	41	**BG10-../DPE09XB4**	6.89	191	850	270	1200	66	30
1.5 HP (1.1 kW)	235	2.0	394	44.5	**BG10-../DPE09XB4**	7.63	202	900	281	1250	66	30
1.5 HP (1.1 kW)	220	1.85	420	47.5	**BG10-../DPE09XB4**	8.07	148	660	207	920	66	30
1.5 HP (1.1 kW)	220	2.9	420	47.5	**BG20-../DPE09XB4**	8.02	562	2500	-	-	71	32
1.5 HP (1.1 kW)	215	2.5	429	48.5	**BG20-../DPE09XB4**	8.29	506	2250	-	-	71	32
1.5 HP (1.1 kW)	197	2.7	469	53	**BG20-../DPE09XB4**	8.91	585	2600	-	-	71	32
1.5 HP (1.1 kW)	189	1.75	487	55	**BG10-../DPE09XB4**	9.33	214	950	299	1330	66	30
1.5 HP (1.1 kW)	182	2.1	504	57	**BG20-../DPE09XB4**	9.65	506	2250	-	-	71	32
1.5 HP (1.1 kW)	170	1.6	540	61	**BG10-../DPE09XB4**	10.34	225	1000	315	1400	66	30
1.5 HP (1.1 kW)	167	2.5	549	62	**BG20-../DPE09XB4**	10.54	607	2700	-	-	71	32
1.5 HP (1.1 kW)	150	2.3	620	70	**BG20-../DPE09XB4**	11.71	629	2800	-	-	71	32
1.5 HP (1.1 kW)	148	1.5	620	70	**BG10-../DPE09XB4**	11.92	232	1030	324	1440	66	30
1.5 HP (1.1 kW)	133	1.4	690	78	**BG10-../DPE09XB4**	13.21	241	1070	335	1490	66	30
1.5 HP (1.1 kW)	133	2.1	690	78	**BG20-../DPE09XB4**	13.21	652	2900	-	-	71	32
1.5 HP (1.1 kW)	121	1.35	761	86	**BG10-../DPE09XB4**	14.58	247	1100	346	1540	66	30
1.5 HP (1.1 kW)	120	2.0	770	87	**BG20-../DPE09XB4**	14.67	686	3050	-	-	71	32
1.5 HP (1.1 kW)	115	3.3	805	91	**BG30-../DPE09XB4**	15.27	776	3450	-	-	82	37
1.5 HP (1.1 kW)	113	1.9	814	92	**BG20-../DPE09XB4**	15.58	697	3100	-	-	71	32
1.5 HP (1.1 kW)	109	1.2	850	96	**BG10-../DPE09XB4**	16.15	256	1140	357	1590	66	30
1.5 HP (1.1 kW)	103	3.0	894	101	**BG30-../DPE09XB4**	17.06	832	3700	-	-	82	37
1.5 HP (1.1 kW)	102	1.8	903	102	**BG20-../DPE09XB4**	17.31	719	3200	-	-	71	32
1.5 HP (1.1 kW)	95	1.1	974	110	**BG10-../DPE09XB4**	18.51	272	1210	380	1690	66	30
1.5 HP (1.1 kW)	93	2.7	991	112	**BG30-../DPE09XB4**	18.93	922	4100	-	-	82	37
1.5 HP (1.1 kW)	88	1.65	1053	119	**BG20-../DPE09XB4**	19.95	753	3350	-	-	71	32
1.5 HP (1.1 kW)	88	2.5	1053	119	**BG30-../DPE09XB4**	19.99	944	4200	-	-	82	37
1.5 HP (1.1 kW)	86	0.98	1080	122	**BG10-../DPE09XB4**	20.51	290	1290	405	1800	66	30
1.5 HP (1.1 kW)	80	0.92	1159	131	**BG10-../DPE09XB4**	22.04	299	1330	418	1860	66	30
1.5 HP (1.1 kW)	80	1.55	1159	131	**BG20-../DPE09XB4**	22.16	787	3500	-	-	71	32
1.5 HP (1.1 kW)	80	2.3	1159	131	**BG30-../DPE09XB4**	22.18	1034	4600	-	-	82	37
1.5 HP (1.1 kW)	80	3.2	1159	131	**BG40-../DPE09XB4**	22.02	1349	6000	-	-	112	51
1.5 HP (1.1 kW)	76	1.45	1221	138	**BG20-../DPE09XB4**	23.22	798	3550	-	-	71	32
1.5 HP (1.1 kW)	75	3.0	1239	140	**BG40-../DPE09XB4**	23.43	1394	6200	-	-	112	51
1.5 HP (1.1 kW)	72	0.83	1283	145	**BG10-../DPE09XB4**	24.42	317	1410	443	1970	66	30
1.5 HP (1.1 kW)	69	1.3	1345	152	**BG20-../DPE09XB4**	25.79	832	3700	-	-	71	32
1.5 HP (1.1 kW)	69	1.95	1345	152	**BG30-../DPE09XB4**	25.45	1090	4850	-	-	82	37
1.5 HP (1.1 kW)	68	2.8	1363	154	**BG40-../DPE09XB4**	26.01	1461	6500	-	-	112	51
1.5 HP (1.1 kW)	65	0.93	1425	161	**BG15-../DPE09XB4**	27.08	674	3000	1349	6000	66	30
1.5 HP (1.1 kW)	64	1.2	1452	164	**BG20-../DPE09XB4**	27.85	854	3800	-	-	71	32
1.5 HP (1.1 kW)	63	1.8	1469	166	**BG30-../DPE09XB4**	28.24	1147	5100	-	-	82	37

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

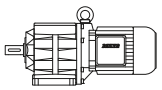
1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	60	2.4	1549	175	**BG40-../DPE09XB4**	29.34	1529	6800	-	-	112	51
1.5 HP (1.1 kW)	59	0.84	1575	178	**BG15-../DPE09XB4**	30.08	674	3000	1349	6000	66	30
1.5 HP (1.1 kW)	59	1.7	1575	178	**BG30-../DPE09XB4**	29.83	1169	5200	-	-	82	37
1.5 HP (1.1 kW)	57	1.1	1629	184	**BG20-../DPE09XB4**	30.94	899	4000	-	-	71	32
1.5 HP (1.1 kW)	54	1.55	1717	194	**BG30-../DPE09XB4**	33.09	1214	5400	-	-	82	37
1.5 HP (1.1 kW)	54	2.2	1717	194	**BG40-../DPE09XB4**	32.57	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	54	3.2	1717	194	**BG50-../DPE09XB4**	32.84	1956	8700	-	-	130	59
1.5 HP (1.1 kW)	53	1.0	1752	198	**BG20-../DPE09XB4**	33.33	922	4100	-	-	71	32
1.5 HP (1.1 kW)	52	2.1	1770	200	**BG40-../DPE09XB4**	34.20	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	50	1.45	1859	210	**BG30-../DPE09XB4**	35.17	1236	5500	-	-	82	37
1.5 HP (1.1 kW)	47.5	0.91	1947	220	**BG20-../DPE09XB4**	37.02	967	4300	-	-	71	32
1.5 HP (1.1 kW)	46.5	1.9	1991	225	**BG40-../DPE09XB4**	37.96	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	46.5	2.8	1991	225	**BG50-../DPE09XB4**	37.89	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	45	1.3	2036	230	**BG30-../DPE09XB4**	39.02	1304	5800	-	-	82	37
1.5 HP (1.1 kW)	44	1.8	2080	235	**BG40-../DPE09XB4**	40.19	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	42.5	0.82	2168	245	**BG20-../DPE09XB4**	41.76	1012	4500	-	-	71	32
1.5 HP (1.1 kW)	42	2.5	2213	250	**BG50-../DPE09XB4**	42.00	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	41.5	1.2	2213	250	**BG30-../DPE09XB4**	42.46	1326	5900	-	-	82	37
1.5 HP (1.1 kW)	39.5	1.6	2345	265	**BG40-../DPE09XB4**	44.62	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	37.5	1.05	2478	280	**BG30-../DPE09XB4**	47.11	1349	6000	-	-	82	37
1.5 HP (1.1 kW)	37.5	2.3	2478	280	**BG50-../DPE09XB4**	47.02	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	36.5	1.5	2522	285	**BG40-../DPE09XB4**	48.36	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	34	2.1	2699	305	**BG50-../DPE09XB4**	52.12	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	33.5	0.97	2744	310	**BG30-../DPE09XB4**	52.44	1349	6000	-	-	82	37
1.5 HP (1.1 kW)	33	1.35	2788	315	**BG40-../DPE09XB4**	53.69	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	30.5	0.88	3009	340	**BG30-../DPE09XB4**	58.18	1349	6000	-	-	82	37
1.5 HP (1.1 kW)	30	1.8	3098	350	**BG50-../DPE09XB4**	59.42	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	29.5	1.2	3142	355	**BG40-../DPE09XB4**	59.64	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	29	0.83	3186	360	**BG30-../DPE09XB4**	60.79	1349	6000	-	-	82	37
1.5 HP (1.1 kW)	29	3.3	3186	360	**BG60-../DPE09XB4**	60.90	3597	16000	-	-	198	90
1.5 HP (1.1 kW)	27	1.1	3408	385	**BG40-../DPE09XB4**	66.20	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	27	1.65	3408	385	**BG50-../DPE09XB4**	65.86	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	26.5	3.0	3496	395	**BG60-../DPE09XB4**	67.49	3597	16000	-	-	198	90
1.5 HP (1.1 kW)	26	1.05	3540	400	**BG40Z-../DPE09XB4**	67.74	1574	7000	-	-	121	55
1.5 HP (1.1 kW)	26	3.0	3540	400	**BG60Z-../DPE09XB4**	68.32	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	24.5	1.5	3762	425	**BG50Z-../DPE09XB4**	71.97	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	23.5	0.96	3939	445	**BG40Z-../DPE09XB4**	75.19	1574	7000	-	-	121	55
1.5 HP (1.1 kW)	23.5	2.7	3939	445	**BG60Z-../DPE09XB4**	75.71	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	22	1.35	4204	475	**BG50Z-../DPE09XB4**	79.78	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	21.5	0.88	4293	485	**BG40Z-../DPE09XB4**	82.00	1574	7000	-	-	121	55
1.5 HP (1.1 kW)	19.5	0.8	4691	530	**BG40Z-../DPE09XB4**	91.02	1574	7000	-	-	121	55
1.5 HP (1.1 kW)	19.5	2.3	4691	530	**BG60Z-../DPE09XB4**	91.09	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	18.5	1.15	4956	560	**BG50Z-../DPE09XB4**	95.58	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	17.5	2.0	5310	600	**BG60Z-../DPE09XB4**	101.0	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	17	1.05	5399	610	**BG50Z-../DPE09XB4**	106.0	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	15	1.7	6196	700	**BG60Z-../DPE09XB4**	119.2	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	14.5	3.2	6373	720	**BG70Z-../DPE09XB4**	124.0	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	14	0.84	6638	750	**BG50Z-../DPE09XB4**	128.9	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	13.5	1.55	6815	770	**BG60Z-../DPE09XB4**	132.1	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	12	2.6	7700	870	**BG70Z-../DPE09XB4**	147.2	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	11.5	1.3	8054	910	**BG60Z-../DPE09XB4**	158.0	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	11	2.4	8408	950	**BG70Z-../DPE09XB4**	163.8	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	10.5	1.2	8851	1000	**BG60Z-../DPE09XB4**	175.1	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	9.1	2.0	10178	1150	**BG70Z-../DPE09XB4**	194.4	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	8.6	0.98	10798	1220	**BG60Z-../DPE09XB4**	204.6	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	8.4	1.85	11063	1250	**BG70Z-../DPE09XB4**	210.5	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	7.8	0.9	11860	1340	**BG60Z-../DPE09XB4**	226.7	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	7.1	0.82	13011	1470	**BG60Z-../DPE09XB4**	247.7	3597	16000	-	-	240	109

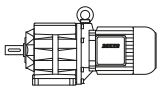
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	7.1	1.55	13011	1470	**BG70Z-../DPE09XB4**	249.8	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	6.9	1.75	12480	1410	**BG70G20-../DPE09XB4**	255.5	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	6.4	0.86	13453	1520	**BG60G20-../DPE09XB4**	276.2	3597	16000	-	-	256	116
1.5 HP (1.1 kW)	6.4	1.65	13453	1520	**BG70G20-../DPE09XB4**	276.7	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	5.6	3.0	13542	1530	**BG80G40-../DPE09XB4**	314.0	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	5.4	1.4	15931	1800	**BG70G20-../DPE09XB4**	328.4	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	4.9	2.6	15931	1800	**BG80G40-../DPE09XB4**	360.0	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	4.6	1.2	18587	2100	**BG70G20-../DPE09XB4**	387.6	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	4.4	2.3	17701	2000	**BG80G40-../DPE09XB4**	399.8	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	4.3	1.1	20357	2300	**BG70G20-../DPE09XB4**	417.8	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	4.1	2.1	19472	2200	**BG80G40-../DPE09XB4**	436.2	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	3.7	1.9	21684	2450	**BG80G40-../DPE09XB4**	484.3	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	3.6	0.91	24340	2750	**BG70G20-../DPE09XB4**	495.9	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	3.1	1.55	26552	3000	**BG80G40-../DPE09XB4**	572.0	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	3.0	3.2	25667	2900	**BG90G50-../DPE09XB4**	588.8	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	2.8	3.0	27437	3100	**BG90G50-../DPE09XB4**	644.7	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	2.7	1.35	30093	3400	**BG80G40-../DPE09XB4**	657.8	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	2.5	1.25	32748	3700	**BG80G40-../DPE09XB4**	730.3	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	2.5	2.6	31420	3550	**BG90G50-../DPE09XB4**	714.2	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	2.2	1.1	37616	4250	**BG80G40-../DPE09XB4**	817.4	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	2.0	0.98	41599	4700	**BG80G40-../DPE09XB4**	907.6	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	2.0	2.0	40271	4550	**BG90G50-../DPE09XB4**	883.7	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	1.7	0.82	49564	5600	**BG80G40-../DPE09XB4**	1042	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	1.5	1.45	55760	6300	**BG90G50-../DPE09XB4**	1174	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	1.4	1.35	60185	6800	**BG90G50-../DPE09XB4**	1301	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	1.3	2.8	59300	6700	**BG100G50-../DPE09XB4**	1444	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	1.2	1.15	70806	8000	**BG90G50-../DPE09XB4**	1583	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	1.1	2.3	69921	7900	**BG100G50-../DPE09XB4**	1678	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	1.0	0.94	86737	9800	**BG90G50-../DPE09XB4**	1756	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	0.95	2.0	81427	9200	**BG100G50-../DPE09XB4**	1867	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	0.85	1.8	91163	10300	**BG100G50-../DPE09XB4**	2154	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	0.7	1.45	111519	12600	**BG100G50-../DPE09XB4**	2656	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	0.6	1.2	134531	15200	**BG100G50-../DPE09XB4**	2952	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	0.55	1.1	146037	16500	**BG100G50-../DPE09XB4**	3286	20233	90000	-	-	1157	525

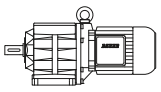
2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	700	2.8	177	20	**BG10-../DPE09XB4**	2.52	128	570	178	790	66	30
2 HP (1.5 kW)	520	2.3	243	27.5	**BG10-../DPE09XB4**	3.42	142	630	198	880	66	30
2 HP (1.5 kW)	405	1.95	310	35	**BG10-../DPE09XB4**	4.36	146	650	205	910	66	30
2 HP (1.5 kW)	400	2.9	314	35.5	**BG20-../DPE09XB4**	4.38	447	1990	-	-	71	32
2 HP (1.5 kW)	330	1.75	381	43	**BG10-../DPE09XB4**	5.34	139	620	205	910	66	30
2 HP (1.5 kW)	320	2.6	394	44.5	**BG20-../DPE09XB4**	5.49	472	2100	-	-	71	32
2 HP (1.5 kW)	290	2.6	434	49	**BG20-../DPE09XB4**	6.06	506	2250	-	-	71	32
2 HP (1.5 kW)	270	2.3	469	53	**BG20-../DPE09XB4**	6.48	506	2250	-	-	71	32
2 HP (1.5 kW)	260	2.4	487	55	**BG20-../DPE09XB4**	6.73	528	2350	472	2100	71	32
2 HP (1.5 kW)	255	1.55	496	56	**BG10-../DPE09XB4**	6.89	191	850	270	1200	66	30
2 HP (1.5 kW)	230	1.45	549	62	**BG10-../DPE09XB4**	7.63	202	900	281	1250	66	30
2 HP (1.5 kW)	220	1.35	575	65	**BG10-../DPE09XB4**	8.07	148	660	207	920	66	30
2 HP (1.5 kW)	220	2.1	575	65	**BG20-../DPE09XB4**	8.02	562	2500	-	-	71	32

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

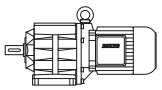
2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	215	1.85	584	66	**BG20-../DPE09XB4**	8.29	506	2250	-	-	71	32
2 HP (1.5 kW)	196	1.95	646	73	**BG20-../DPE09XB4**	8.91	585	2600	-	-	71	32
2 HP (1.5 kW)	188	1.3	673	76	**BG10-../DPE09XB4**	9.33	214	950	299	1330	66	30
2 HP (1.5 kW)	183	3.3	690	78	**BG30-../DPE09XB4**	9.55	674	3000	-	-	82	37
2 HP (1.5 kW)	181	1.55	699	79	**BG20-../DPE09XB4**	9.65	506	2250	-	-	71	32
2 HP (1.5 kW)	169	1.2	743	84	**BG10-../DPE09XB4**	10.34	225	1000	315	1400	66	30
2 HP (1.5 kW)	166	1.8	761	86	**BG20-../DPE09XB4**	10.54	607	2700	-	-	71	32
2 HP (1.5 kW)	164	3.1	770	87	**BG30-../DPE09XB4**	10.65	663	2950	-	-	82	37
2 HP (1.5 kW)	150	1.65	841	95	**BG20-../DPE09XB4**	11.71	629	2800	-	-	71	32
2 HP (1.5 kW)	148	2.9	850	96	**BG30-../DPE09XB4**	11.82	719	3200	-	-	82	37
2 HP (1.5 kW)	147	1.1	859	97	**BG10-../DPE09XB4**	11.92	232	1030	324	1440	66	30
2 HP (1.5 kW)	133	1.05	947	107	**BG10-../DPE09XB4**	13.21	241	1070	335	1490	66	30
2 HP (1.5 kW)	133	1.55	947	107	**BG20-../DPE09XB4**	13.21	652	2900	-	-	71	32
2 HP (1.5 kW)	127	2.6	991	112	**BG30-../DPE09XB4**	13.77	708	3150	-	-	82	37
2 HP (1.5 kW)	120	0.96	1053	119	**BG10-../DPE09XB4**	14.58	247	1100	346	1540	66	30
2 HP (1.5 kW)	119	1.45	1062	120	**BG20-../DPE09XB4**	14.67	686	3050	-	-	71	32
2 HP (1.5 kW)	115	2.4	1097	124	**BG30-../DPE09XB4**	15.27	776	3450	-	-	82	37
2 HP (1.5 kW)	113	1.4	1115	126	**BG20-../DPE09XB4**	15.58	697	3100	-	-	71	32
2 HP (1.5 kW)	109	0.89	1159	131	**BG10-../DPE09XB4**	16.15	256	1140	357	1590	66	30
2 HP (1.5 kW)	107	3.2	1177	133	**BG40-../DPE09XB4**	16.39	1191	5300	-	-	112	51
2 HP (1.5 kW)	103	2.2	1230	139	**BG30-../DPE09XB4**	17.06	832	3700	-	-	82	37
2 HP (1.5 kW)	101	1.3	1248	141	**BG20-../DPE09XB4**	17.31	719	3200	-	-	71	32
2 HP (1.5 kW)	96	2.9	1319	149	**BG40-../DPE09XB4**	18.19	1259	5600	-	-	112	51
2 HP (1.5 kW)	95	0.8	1328	150	**BG10-../DPE09XB4**	18.51	272	1210	380	1690	66	30
2 HP (1.5 kW)	93	1.95	1363	154	**BG30-../DPE09XB4**	18.93	922	4100	-	-	82	37
2 HP (1.5 kW)	88	1.2	1434	162	**BG20-../DPE09XB4**	19.95	753	3350	-	-	71	32
2 HP (1.5 kW)	88	1.85	1434	162	**BG30-../DPE09XB4**	19.99	944	4200	-	-	82	37
2 HP (1.5 kW)	88	2.6	1434	162	**BG40-../DPE09XB4**	19.84	1304	5800	-	-	112	51
2 HP (1.5 kW)	80	2.4	1584	179	**BG40-../DPE09XB4**	22.02	1349	6000	-	-	112	51
2 HP (1.5 kW)	79	1.1	1602	181	**BG20-../DPE09XB4**	22.16	787	3500	-	-	71	32
2 HP (1.5 kW)	79	1.65	1602	181	**BG30-../DPE09XB4**	22.18	1034	4600	-	-	82	37
2 HP (1.5 kW)	76	1.05	1664	188	**BG20-../DPE09XB4**	23.22	798	3550	-	-	71	32
2 HP (1.5 kW)	75	2.2	1690	191	**BG40-../DPE09XB4**	23.43	1394	6200	-	-	112	51
2 HP (1.5 kW)	72	3.2	1752	198	**BG50-../DPE09XB4**	24.34	1956	8700	-	-	130	59
2 HP (1.5 kW)	69	1.45	1814	205	**BG30-../DPE09XB4**	25.45	1090	4850	-	-	82	37
2 HP (1.5 kW)	68	0.95	1859	210	**BG20-../DPE09XB4**	25.79	832	3700	-	-	71	32
2 HP (1.5 kW)	68	2.0	1859	210	**BG40-../DPE09XB4**	26.01	1461	6500	-	-	112	51
2 HP (1.5 kW)	63	0.89	1991	225	**BG20-../DPE09XB4**	27.85	854	3800	-	-	71	32
2 HP (1.5 kW)	62	1.3	2036	230	**BG30-../DPE09XB4**	28.24	1147	5100	-	-	82	37
2 HP (1.5 kW)	60	1.8	2080	235	**BG40-../DPE09XB4**	29.34	1529	6800	-	-	112	51
2 HP (1.5 kW)	59	1.25	2124	240	**BG30-../DPE09XB4**	29.83	1169	5200	-	-	82	37
2 HP (1.5 kW)	59	2.6	2124	240	**BG50-../DPE09XB4**	29.62	1798	8000	-	-	130	59
2 HP (1.5 kW)	57	0.8	2213	250	**BG20-../DPE09XB4**	30.94	899	4000	-	-	71	32
2 HP (1.5 kW)	54	1.6	2345	265	**BG40-../DPE09XB4**	32.57	1574	7000	-	-	112	51
2 HP (1.5 kW)	54	2.4	2345	265	**BG50-../DPE09XB4**	32.84	1956	8700	-	-	130	59
2 HP (1.5 kW)	53	1.1	2390	270	**BG30-../DPE09XB4**	33.09	1214	5400	-	-	82	37
2 HP (1.5 kW)	52	1.55	2434	275	**BG40-../DPE09XB4**	34.20	1574	7000	-	-	112	51
2 HP (1.5 kW)	50	1.05	2522	285	**BG30-../DPE09XB4**	35.17	1236	5500	-	-	82	37
2 HP (1.5 kW)	46.5	2.1	2699	305	**BG50-../DPE09XB4**	37.89	2248	10000	-	-	130	59
2 HP (1.5 kW)	46	1.35	2744	310	**BG40-../DPE09XB4**	37.96	1574	7000	-	-	112	51
2 HP (1.5 kW)	45	0.95	2788	315	**BG30-../DPE09XB4**	39.02	1304	5800	-	-	82	37
2 HP (1.5 kW)	43.5	1.3	2876	325	**BG40-../DPE09XB4**	40.19	1574	7000	-	-	112	51
2 HP (1.5 kW)	42	1.85	3009	340	**BG50-../DPE09XB4**	42.00	2248	10000	-	-	130	59
2 HP (1.5 kW)	41.5	0.87	3054	345	**BG30-../DPE09XB4**	42.46	1326	5900	-	-	82	37
2 HP (1.5 kW)	39.5	1.2	3186	360	**BG40-../DPE09XB4**	44.62	1574	7000	-	-	112	51
2 HP (1.5 kW)	37.5	1.65	3363	380	**BG50-../DPE09XB4**	47.02	2248	10000	-	-	130	59
2 HP (1.5 kW)	36.5	1.1	3452	390	**BG40-../DPE09XB4**	48.36	1574	7000	-	-	112	51
2 HP (1.5 kW)	35	3.0	3585	405	**BG60-../DPE09XB4**	50.31	3597	16000	-	-	198	90

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

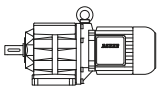
2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	33.5	1.5	3762	425	**BG50-../DPE09XB4**	52.12	2248	10000	-	-	130	59
2 HP (1.5 kW)	33	0.99	3806	430	**BG40-../DPE09XB4**	53.69	1574	7000	-	-	112	51
2 HP (1.5 kW)	31.5	2.7	3983	450	**BG60-../DPE09XB4**	55.76	3597	16000	-	-	198	90
2 HP (1.5 kW)	29.5	0.88	4293	485	**BG40-../DPE09XB4**	59.64	1574	7000	-	-	112	51
2 HP (1.5 kW)	29.5	1.3	4293	485	**BG50-../DPE09XB4**	59.42	2248	10000	-	-	130	59
2 HP (1.5 kW)	29	2.4	4337	490	**BG60-../DPE09XB4**	60.90	3597	16000	-	-	198	90
2 HP (1.5 kW)	26.5	1.15	4779	540	**BG50-../DPE09XB4**	65.86	2248	10000	-	-	130	59
2 HP (1.5 kW)	26	2.2	4868	550	**BG60-../DPE09XB4**	67.49	3597	16000	-	-	198	90
2 HP (1.5 kW)	24.5	1.1	5133	580	**BG50Z-../DPE09XB4**	71.97	2248	10000	-	-	141	64
2 HP (1.5 kW)	23.5	2.0	5310	600	**BG60Z-../DPE09XB4**	75.71	3597	16000	-	-	240	109
2 HP (1.5 kW)	22	0.97	5753	650	**BG50Z-../DPE09XB4**	79.78	2248	10000	-	-	141	64
2 HP (1.5 kW)	20	3.2	6284	710	**BG70Z-../DPE09XB4**	87.61	4496	20000	-	-	328	149
2 HP (1.5 kW)	19.5	1.65	6461	730	**BG60Z-../DPE09XB4**	91.09	3597	16000	-	-	240	109
2 HP (1.5 kW)	18.5	0.82	6815	770	**BG50Z-../DPE09XB4**	95.58	2248	10000	-	-	141	64
2 HP (1.5 kW)	18.5	3.0	6815	770	**BG70Z-../DPE09XB4**	95.74	4496	20000	-	-	328	149
2 HP (1.5 kW)	17.5	1.5	7169	810	**BG60Z-../DPE09XB4**	101.0	3597	16000	-	-	240	109
2 HP (1.5 kW)	15.5	2.5	8143	920	**BG70Z-../DPE09XB4**	113.6	4496	20000	-	-	328	149
2 HP (1.5 kW)	15	1.25	8408	950	**BG60Z-../DPE09XB4**	119.2	3597	16000	-	-	240	109
2 HP (1.5 kW)	14.5	2.3	8674	980	**BG70Z-../DPE09XB4**	124.0	4496	20000	-	-	328	149
2 HP (1.5 kW)	13.5	1.15	9382	1060	**BG60Z-../DPE09XB4**	132.1	3597	16000	-	-	240	109
2 HP (1.5 kW)	12	1.95	10532	1190	**BG70Z-../DPE09XB4**	147.2	4496	20000	-	-	328	149
2 HP (1.5 kW)	11.5	0.97	10975	1240	**BG60Z-../DPE09XB4**	158.0	3597	16000	-	-	240	109
2 HP (1.5 kW)	11	1.75	11506	1300	**BG70Z-../DPE09XB4**	163.8	4496	20000	-	-	328	149
2 HP (1.5 kW)	11	3.2	11506	1300	**BG80Z-../DPE09XB4**	161.5	5845	26000	-	-	478	217
2 HP (1.5 kW)	10	0.84	12657	1430	**BG60Z-../DPE09XB4**	175.1	3597	16000	-	-	240	109
2 HP (1.5 kW)	9.4	2.8	13453	1520	**BG80Z-../DPE09XB4**	186.8	5845	26000	-	-	478	217
2 HP (1.5 kW)	9.0	1.45	14073	1590	**BG70Z-../DPE09XB4**	194.4	4496	20000	-	-	328	149
2 HP (1.5 kW)	8.5	2.5	14869	1680	**BG80Z-../DPE09XB4**	207.4	5845	26000	-	-	478	217
2 HP (1.5 kW)	8.3	1.35	15223	1720	**BG70Z-../DPE09XB4**	210.5	4496	20000	-	-	328	149
2 HP (1.5 kW)	7.7	2.9	13984	1580	**BG80G40-../DPE09XB4**	227.2	5845	26000	-	-	503	228
2 HP (1.5 kW)	7.0	1.15	17701	2000	**BG70Z-../DPE09XB4**	249.8	4496	20000	-	-	328	149
2 HP (1.5 kW)	7.0	2.7	15312	1730	**BG80G40-../DPE09XB4**	252.3	5845	26000	-	-	503	228
2 HP (1.5 kW)	6.9	1.3	17347	1960	**BG70G20-../DPE09XB4**	255.5	4496	20000	-	-	322	146
2 HP (1.5 kW)	6.4	1.2	18587	2100	**BG70G20-../DPE09XB4**	276.7	4496	20000	-	-	322	146
2 HP (1.5 kW)	6.2	2.3	17701	2000	**BG80G40-../DPE09XB4**	282.8	5845	26000	-	-	503	228
2 HP (1.5 kW)	5.6	2.1	19472	2200	**BG80G40-../DPE09XB4**	314.0	5845	26000	-	-	503	228
2 HP (1.5 kW)	5.4	1.0	22127	2500	**BG70G20-../DPE09XB4**	328.4	4496	20000	-	-	322	146
2 HP (1.5 kW)	4.9	1.8	22569	2550	**BG80G40-../DPE09XB4**	360.0	5845	26000	-	-	503	228
2 HP (1.5 kW)	4.6	0.85	26110	2950	**BG70G20-../DPE09XB4**	387.6	4496	20000	-	-	322	146
2 HP (1.5 kW)	4.4	1.6	25225	2850	**BG80G40-../DPE09XB4**	399.8	5845	26000	-	-	503	228
2 HP (1.5 kW)	4.1	1.45	27880	3150	**BG80G40-../DPE09XB4**	436.2	5845	26000	-	-	503	228
2 HP (1.5 kW)	4.1	3.0	27437	3100	**BG90G50-../DPE09XB4**	435.8	14613	65000	-	-	745	338
2 HP (1.5 kW)	3.7	1.35	30535	3450	**BG80G40-../DPE09XB4**	484.3	5845	26000	-	-	503	228
2 HP (1.5 kW)	3.5	2.6	31863	3600	**BG90G50-../DPE09XB4**	504.7	14613	65000	-	-	745	338
2 HP (1.5 kW)	3.1	1.1	37173	4200	**BG80G40-../DPE09XB4**	572.0	5845	26000	-	-	503	228
2 HP (1.5 kW)	3.0	2.2	37173	4200	**BG90G50-../DPE09XB4**	588.8	14613	65000	-	-	745	338
2 HP (1.5 kW)	2.8	2.0	39828	4500	**BG90G50-../DPE09XB4**	644.7	14613	65000	-	-	745	338
2 HP (1.5 kW)	2.7	0.96	42484	4800	**BG80G40-../DPE09XB4**	657.8	5845	26000	-	-	503	228
2 HP (1.5 kW)	2.5	1.85	44254	5000	**BG90G50-../DPE09XB4**	714.2	14613	65000	-	-	745	338
2 HP (1.5 kW)	2.4	0.85	47794	5400	**BG80G40-../DPE09XB4**	730.3	5845	26000	-	-	503	228
2 HP (1.5 kW)	2.3	3.0	54875	6200	**BG100Z-../DPE09XB4**	759.0	20233	90000	-	-	1160	526
2 HP (1.5 kW)	2.1	2.7	60185	6800	**BG100Z-../DPE09XB4**	845.1	20233	90000	-	-	1160	526
2 HP (1.5 kW)	2.0	1.45	56645	6400	**BG90G50-../DPE09XB4**	883.7	14613	65000	-	-	745	338
2 HP (1.5 kW)	1.8	2.9	55760	6300	**BG100G50-../DPE09XB4**	976.1	20233	90000	-	-	1157	525
2 HP (1.5 kW)	1.7	2.6	61955	7000	**BG100G50-../DPE09XB4**	1043	20233	90000	-	-	1157	525
2 HP (1.5 kW)	1.5	1.05	77887	8800	**BG90G50-../DPE09XB4**	1174	14613	65000	-	-	745	338
2 HP (1.5 kW)	1.5	2.3	69921	7900	**BG100G50-../DPE09XB4**	1204	20233	90000	-	-	1157	525
2 HP (1.5 kW)	1.4	0.97	84082	9500	**BG90G50-../DPE09XB4**	1301	14613	65000	-	-	745	338

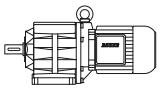
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	1.3	1.95	84967	9600	**BG100G50-../DPE09XB4**	1444	20233	90000	-	-	1157	525
2 HP (1.5 kW)	1.2	0.82	99128	11200	**BG90G50-../DPE09XB4**	1583	14613	65000	-	-	745	338
2 HP (1.5 kW)	1.1	1.6	100899	11400	**BG100G50-../DPE09XB4**	1678	20233	90000	-	-	1157	525
2 HP (1.5 kW)	0.95	1.4	116830	13200	**BG100G50-../DPE09XB4**	1867	20233	90000	-	-	1157	525
2 HP (1.5 kW)	0.85	1.25	130106	14700	**BG100G50-../DPE09XB4**	2154	20233	90000	-	-	1157	525
2 HP (1.5 kW)	0.7	1.0	160198	18100	**BG100G50-../DPE09XB4**	2656	20233	90000	-	-	1157	525

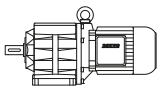
2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	700	2.3	217	24.5	**BG10-../DPE09XB4C**	2.52	128	570	178	790	71	32
2.4 HP (1.8 kW)	530	2.9	283	32	**BG20-../DPE09XB4C**	3.33	411	1830	-	-	77	35
2.4 HP (1.8 kW)	520	1.9	292	33	**BG10-../DPE09XB4C**	3.42	142	630	198	880	71	32
2.4 HP (1.8 kW)	405	1.6	372	42	**BG10-../DPE09XB4C**	4.36	146	650	205	910	71	32
2.4 HP (1.8 kW)	405	2.5	372	42	**BG20-../DPE09XB4C**	4.38	447	1990	-	-	77	35
2.4 HP (1.8 kW)	330	1.45	460	52	**BG10-../DPE09XB4C**	5.34	139	620	205	910	71	32
2.4 HP (1.8 kW)	325	2.2	460	52	**BG20-../DPE09XB4C**	5.49	472	2100	-	-	77	35
2.4 HP (1.8 kW)	295	2.2	513	58	**BG20-../DPE09XB4C**	6.06	506	2250	-	-	77	35
2.4 HP (1.8 kW)	275	1.95	549	62	**BG20-../DPE09XB4C**	6.48	506	2250	-	-	77	35
2.4 HP (1.8 kW)	265	2.0	566	64	**BG20-../DPE09XB4C**	6.73	528	2350	472	2100	77	35
2.4 HP (1.8 kW)	260	1.35	584	66	**BG10-../DPE09XB4C**	6.89	191	850	270	1200	71	32
2.4 HP (1.8 kW)	235	1.2	646	73	**BG10-../DPE09XB4C**	7.63	202	900	281	1250	71	32
2.4 HP (1.8 kW)	235	3.2	646	73	**BG30-../DPE09XB4C**	7.50	618	2750	-	-	86	39
2.4 HP (1.8 kW)	225	2.9	673	76	**BG30-../DPE09XB4C**	7.91	396	1760	-	-	86	39
2.4 HP (1.8 kW)	220	1.15	690	78	**BG10-../DPE09XB4C**	8.07	148	660	207	920	71	32
2.4 HP (1.8 kW)	220	1.75	690	78	**BG20-../DPE09XB4C**	8.02	562	2500	-	-	77	35
2.4 HP (1.8 kW)	215	1.55	699	79	**BG20-../DPE09XB4C**	8.29	506	2250	-	-	77	35
2.4 HP (1.8 kW)	205	3.0	735	83	**BG30-../DPE09XB4C**	8.60	629	2800	-	-	86	39
2.4 HP (1.8 kW)	198	1.65	761	86	**BG20-../DPE09XB4C**	8.91	585	2600	-	-	77	35
2.4 HP (1.8 kW)	189	1.1	797	90	**BG10-../DPE09XB4C**	9.33	214	950	299	1330	71	32
2.4 HP (1.8 kW)	185	2.8	814	92	**BG30-../DPE09XB4C**	9.55	674	3000	-	-	86	39
2.4 HP (1.8 kW)	183	1.3	823	93	**BG20-../DPE09XB4C**	9.65	506	2250	-	-	77	35
2.4 HP (1.8 kW)	171	0.99	885	100	**BG10-../DPE09XB4C**	10.34	225	1000	315	1400	71	32
2.4 HP (1.8 kW)	167	1.5	903	102	**BG20-../DPE09XB4C**	10.54	607	2700	-	-	77	35
2.4 HP (1.8 kW)	166	2.6	912	103	**BG30-../DPE09XB4C**	10.65	663	2950	-	-	86	39
2.4 HP (1.8 kW)	151	1.4	1000	113	**BG20-../DPE09XB4C**	11.71	629	2800	-	-	77	35
2.4 HP (1.8 kW)	149	2.4	1018	115	**BG30-../DPE09XB4C**	11.82	719	3200	-	-	86	39
2.4 HP (1.8 kW)	148	0.91	1027	116	**BG10-../DPE09XB4C**	11.92	232	1030	324	1440	71	32
2.4 HP (1.8 kW)	137	3.3	1106	125	**BG40-../DPE09XB4C**	12.86	1012	4500	-	-	119	54
2.4 HP (1.8 kW)	134	0.86	1133	128	**BG10-../DPE09XB4C**	13.21	241	1070	335	1490	71	32
2.4 HP (1.8 kW)	134	1.3	1133	128	**BG20-../DPE09XB4C**	13.21	652	2900	-	-	77	35
2.4 HP (1.8 kW)	128	2.2	1186	134	**BG30-../DPE09XB4C**	13.77	708	3150	-	-	86	39
2.4 HP (1.8 kW)	124	3.1	1221	138	**BG40-../DPE09XB4C**	14.28	1102	4900	-	-	119	54
2.4 HP (1.8 kW)	121	0.8	1257	142	**BG10-../DPE09XB4C**	14.58	247	1100	346	1540	71	32
2.4 HP (1.8 kW)	120	1.2	1266	143	**BG20-../DPE09XB4C**	14.67	686	3050	-	-	77	35
2.4 HP (1.8 kW)	116	2.0	1310	148	**BG30-../DPE09XB4C**	15.27	776	3450	-	-	86	39
2.4 HP (1.8 kW)	113	1.15	1345	152	**BG20-../DPE09XB4C**	15.58	697	3100	-	-	77	35
2.4 HP (1.8 kW)	108	2.7	1407	159	**BG40-../DPE09XB4C**	16.39	1191	5300	-	-	119	54
2.4 HP (1.8 kW)	104	1.8	1460	165	**BG30-../DPE09XB4C**	17.06	832	3700	-	-	86	39
2.4 HP (1.8 kW)	102	1.1	1487	168	**BG20-../DPE09XB4C**	17.31	719	3200	-	-	77	35
2.4 HP (1.8 kW)	97	2.4	1567	177	**BG40-../DPE09XB4C**	18.19	1259	5600	-	-	119	54

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

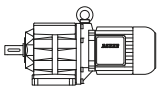
2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	93	1.65	1629	184	**BG30-../DPE09XB4C**	18.93	922	4100	-	-	86	39
2.4 HP (1.8 kW)	89	1.0	1708	193	**BG20-../DPE09XB4C**	19.95	753	3350	-	-	77	35
2.4 HP (1.8 kW)	89	1.55	1708	193	**BG30-../DPE09XB4C**	19.99	944	4200	-	-	86	39
2.4 HP (1.8 kW)	89	2.2	1708	193	**BG40-../DPE09XB4C**	19.84	1304	5800	-	-	119	54
2.4 HP (1.8 kW)	81	3.0	1859	210	**BG50-../DPE09XB4C**	21.96	1798	8000	-	-	137	62
2.4 HP (1.8 kW)	80	0.95	1859	210	**BG20-../DPE09XB4C**	22.16	787	3500	-	-	77	35
2.4 HP (1.8 kW)	80	1.45	1859	210	**BG30-../DPE09XB4C**	22.18	1034	4600	-	-	86	39
2.4 HP (1.8 kW)	80	2.0	1859	210	**BG40-../DPE09XB4C**	22.02	1349	6000	-	-	119	54
2.4 HP (1.8 kW)	76	0.89	1991	225	**BG20-../DPE09XB4C**	23.22	798	3550	-	-	77	35
2.4 HP (1.8 kW)	76	1.9	1991	225	**BG40-../DPE09XB4C**	23.43	1394	6200	-	-	119	54
2.4 HP (1.8 kW)	73	2.7	2080	235	**BG50-../DPE09XB4C**	24.34	1956	8700	-	-	137	62
2.4 HP (1.8 kW)	70	1.2	2168	245	**BG30-../DPE09XB4C**	25.45	1090	4850	-	-	86	39
2.4 HP (1.8 kW)	69	0.82	2168	245	**BG20-../DPE09XB4C**	25.79	832	3700	-	-	77	35
2.4 HP (1.8 kW)	68	1.7	2213	250	**BG40-../DPE09XB4C**	26.01	1461	6500	-	-	119	54
2.4 HP (1.8 kW)	63	1.1	2390	270	**BG30-../DPE09XB4C**	28.24	1147	5100	-	-	86	39
2.4 HP (1.8 kW)	60	1.05	2522	285	**BG30-../DPE09XB4C**	29.83	1169	5200	-	-	86	39
2.4 HP (1.8 kW)	60	1.5	2522	285	**BG40-../DPE09XB4C**	29.34	1529	6800	-	-	119	54
2.4 HP (1.8 kW)	60	2.2	2522	285	**BG50-../DPE09XB4C**	29.62	1798	8000	-	-	137	62
2.4 HP (1.8 kW)	55	1.35	2744	310	**BG40-../DPE09XB4C**	32.57	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	54	0.95	2788	315	**BG30-../DPE09XB4C**	33.09	1214	5400	-	-	86	39
2.4 HP (1.8 kW)	54	2.0	2788	315	**BG50-../DPE09XB4C**	32.84	1956	8700	-	-	137	62
2.4 HP (1.8 kW)	52	1.3	2921	330	**BG40-../DPE09XB4C**	34.20	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	51	0.9	2965	335	**BG30-../DPE09XB4C**	35.17	1236	5500	-	-	86	39
2.4 HP (1.8 kW)	46.5	1.15	3231	365	**BG40-../DPE09XB4C**	37.96	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	46.5	1.75	3231	365	**BG50-../DPE09XB4C**	37.89	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	45.5	0.8	3319	375	**BG30-../DPE09XB4C**	39.02	1304	5800	-	-	86	39
2.4 HP (1.8 kW)	45.5	3.2	3319	375	**BG60-../DPE09XB4C**	38.85	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	44	1.1	3452	390	**BG40-../DPE09XB4C**	40.19	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	42	1.55	3585	405	**BG50-../DPE09XB4C**	42.00	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	41	2.9	3673	415	**BG60-../DPE09XB4C**	43.05	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	39.5	0.98	3850	435	**BG40-../DPE09XB4C**	44.62	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	37.5	1.4	4027	455	**BG50-../DPE09XB4C**	47.02	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	36.5	0.9	4160	470	**BG40-../DPE09XB4C**	48.36	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	35	2.4	4337	490	**BG60-../DPE09XB4C**	50.31	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	34	1.25	4425	500	**BG50-../DPE09XB4C**	52.12	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	33	0.82	4602	520	**BG40-../DPE09XB4C**	53.69	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	32	2.3	4691	530	**BG60-../DPE09XB4C**	55.76	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	30	1.1	5045	570	**BG50-../DPE09XB4C**	59.42	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	29	2.0	5222	590	**BG60-../DPE09XB4C**	60.90	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	27	1.0	5576	630	**BG50-../DPE09XB4C**	65.86	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	26.5	1.9	5664	640	**BG60-../DPE09XB4C**	67.49	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	26	1.8	5841	660	**BG60Z-../DPE09XB4C**	68.32	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	24.5	0.9	6196	700	**BG50Z-../DPE09XB4C**	71.97	2248	10000	-	-	148	67
2.4 HP (1.8 kW)	24	3.2	6284	710	**BG70Z-../DPE09XB4C**	73.82	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	23.5	1.65	6461	730	**BG60Z-../DPE09XB4C**	75.71	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	22.5	0.83	6727	760	**BG50Z-../DPE09XB4C**	79.78	2248	10000	-	-	148	67
2.4 HP (1.8 kW)	20.5	2.8	7346	830	**BG70Z-../DPE09XB4C**	87.61	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	19.5	1.35	7789	880	**BG60Z-../DPE09XB4C**	91.09	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	18.5	2.5	8143	920	**BG70Z-../DPE09XB4C**	95.74	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	17.5	1.2	8674	980	**BG60Z-../DPE09XB4C**	101.0	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	15.5	2.1	9736	1100	**BG70Z-../DPE09XB4C**	113.6	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	15	1.05	10090	1140	**BG60Z-../DPE09XB4C**	119.2	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	14.5	1.95	10444	1180	**BG70Z-../DPE09XB4C**	124.0	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	13.5	0.94	11240	1270	**BG60Z-../DPE09XB4C**	132.1	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	12.5	3.1	12126	1370	**BG80Z-../DPE09XB4C**	145.4	5845	26000	-	-	483	219
2.4 HP (1.8 kW)	12	1.6	12657	1430	**BG70Z-../DPE09XB4C**	147.2	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	11.5	0.81	13188	1490	**BG60Z-../DPE09XB4C**	158.0	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	11	1.45	13807	1560	**BG70Z-../DPE09XB4C**	163.8	4496	20000	-	-	333	151

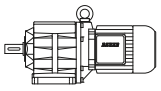
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	11	2.7	13807	1560	**BG80Z-../DPE09XB4C**	161.5	5845	26000	-	-	483	219
2.4 HP (1.8 kW)	9.5	2.3	15931	1800	**BG80Z-../DPE09XB4C**	186.8	5845	26000	-	-	483	219
2.4 HP (1.8 kW)	9.1	1.2	16639	1880	**BG70Z-../DPE09XB4C**	194.4	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	8.5	2.1	17701	2000	**BG80Z-../DPE09XB4C**	207.4	5845	26000	-	-	483	219
2.4 HP (1.8 kW)	8.4	1.15	17701	2000	**BG70Z-../DPE09XB4C**	210.5	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	7.8	2.4	16993	1920	**BG80G40-../DPE09XB4C**	227.2	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	7.1	0.96	21242	2400	**BG70Z-../DPE09XB4C**	249.8	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	7.0	2.2	18587	2100	**BG80G40-../DPE09XB4C**	252.3	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	6.9	1.05	20799	2350	**BG70G20-../DPE09XB4C**	255.5	4496	20000	-	-	328	149
2.4 HP (1.8 kW)	6.4	0.98	22569	2550	**BG70G20-../DPE09XB4C**	276.7	4496	20000	-	-	328	149
2.4 HP (1.8 kW)	6.3	1.9	21242	2400	**BG80G40-../DPE09XB4C**	282.8	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	5.7	1.75	23454	2650	**BG80G40-../DPE09XB4C**	314.0	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	5.4	0.83	26552	3000	**BG70G20-../DPE09XB4C**	328.4	4496	20000	-	-	328	149
2.4 HP (1.8 kW)	4.9	1.45	27880	3150	**BG80G40-../DPE09XB4C**	360.0	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	4.9	3.1	26552	3000	**BG90G50-../DPE09XB4C**	360.3	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	4.5	1.35	30093	3400	**BG80G40-../DPE09XB4C**	399.8	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	4.1	1.2	34075	3850	**BG80G40-../DPE09XB4C**	436.2	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	4.1	2.4	33633	3800	**BG90G50-../DPE09XB4C**	435.8	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	3.7	1.1	37616	4250	**BG80G40-../DPE09XB4C**	484.3	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	3.5	2.1	38943	4400	**BG90G50-../DPE09XB4C**	504.7	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	3.1	0.9	45139	5100	**BG80G40-../DPE09XB4C**	572.0	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	3.0	1.8	45139	5100	**BG90G50-../DPE09XB4C**	588.8	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	3.0	3.2	50449	5700	**BG100Z-../DPE09XB4C**	591.1	20233	90000	-	-	1164	528
2.4 HP (1.8 kW)	2.8	1.65	48679	5500	**BG90G50-../DPE09XB4C**	644.7	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	2.7	2.9	55760	6300	**BG100Z-../DPE09XB4C**	658.1	20233	90000	-	-	1164	528
2.4 HP (1.8 kW)	2.5	1.5	54875	6200	**BG90G50-../DPE09XB4C**	714.2	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	2.4	2.6	62840	7100	**BG100Z-../DPE09XB4C**	759.0	20233	90000	-	-	1164	528
2.4 HP (1.8 kW)	2.1	2.3	71691	8100	**BG100Z-../DPE09XB4C**	845.1	20233	90000	-	-	1164	528
2.4 HP (1.8 kW)	2.0	1.15	69921	7900	**BG90G50-../DPE09XB4C**	883.7	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	1.9	2.5	65496	7400	**BG100G50-../DPE09XB4C**	976.1	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	1.7	2.1	77001	8700	**BG100G50-../DPE09XB4C**	1043	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	1.5	0.86	94703	10700	**BG90G50-../DPE09XB4C**	1174	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	1.5	1.9	86737	9800	**BG100G50-../DPE09XB4C**	1204	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	1.3	1.55	104439	11800	**BG100G50-../DPE09XB4C**	1444	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	1.1	1.3	123910	14000	**BG100G50-../DPE09XB4C**	1678	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	0.95	1.15	144267	16300	**BG100G50-../DPE09XB4C**	1867	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	0.85	1.0	160198	18100	**BG100G50-../DPE09XB4C**	2154	20233	90000	-	-	1162	527

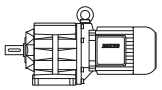
3 HP (2.2 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	660	4.1	279	31.5	**BG30-../DPE11LB4**	2.67	326	1450	-	-	128	58
3 HP (2.2 kW)	520	3.5	354	40	**BG30-../DPE11LB4**	3.40	355	1580	-	-	128	58
3 HP (2.2 kW)	420	3.4	443	50	**BG30-../DPE11LB4**	4.21	366	1630	-	-	128	58
3 HP (2.2 kW)	325	3.1	566	64	**BG30-../DPE11LB4**	5.44	375	1670	-	-	128	58
3 HP (2.2 kW)	265	2.9	699	79	**BG30-../DPE11LB4**	6.76	573	2550	-	-	128	58
3 HP (2.2 kW)	235	2.6	788	89	**BG30-../DPE11LB4**	7.50	618	2750	-	-	128	58
3 HP (2.2 kW)	235	3.3	788	89	**BG40-../DPE11LB4**	7.62	596	2650	-	-	170	77
3 HP (2.2 kW)	225	2.3	823	93	**BG30-../DPE11LB4**	7.91	396	1760	-	-	128	58
3 HP (2.2 kW)	205	2.4	903	102	**BG30-../DPE11LB4**	8.60	629	2800	-	-	128	58
3 HP (2.2 kW)	196	2.8	947	107	**BG40-../DPE11LB4**	9.00	596	2650	-	-	170	77

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

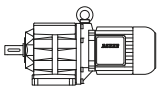
3 HP (2.2 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	191	3.2	974	110	**BG40-../DPE11LB4**	9.23	978	4350	-	-	170	77
3 HP (2.2 kW)	185	2.2	1000	113	**BG30-../DPE11LB4**	9.55	674	3000	-	-	128	58
3 HP (2.2 kW)	171	3.1	1080	122	**BG40-../DPE11LB4**	10.35	978	4350	-	-	170	77
3 HP (2.2 kW)	166	2.1	1115	126	**BG30-../DPE11LB4**	10.65	663	2950	-	-	128	58
3 HP (2.2 kW)	154	2.9	1204	136	**BG40-../DPE11LB4**	11.49	1034	4600	-	-	170	77
3 HP (2.2 kW)	149	1.95	1248	141	**BG30-../DPE11LB4**	11.82	719	3200	-	-	128	58
3 HP (2.2 kW)	137	2.7	1354	153	**BG40-../DPE11LB4**	12.86	1012	4500	-	-	170	77
3 HP (2.2 kW)	128	1.8	1452	164	**BG30-../DPE11LB4**	13.77	708	3150	-	-	128	58
3 HP (2.2 kW)	124	2.5	1496	169	**BG40-../DPE11LB4**	14.28	1102	4900	-	-	170	77
3 HP (2.2 kW)	116	1.65	1602	181	**BG30-../DPE11LB4**	15.27	776	3450	-	-	128	58
3 HP (2.2 kW)	108	2.2	1717	194	**BG40-../DPE11LB4**	16.39	1191	5300	-	-	170	77
3 HP (2.2 kW)	107	3.2	1735	196	**BG50-../DPE11LB4**	16.53	1461	6500	-	-	190	86
3 HP (2.2 kW)	104	1.5	1770	200	**BG30-../DPE11LB4**	17.06	832	3700	-	-	128	58
3 HP (2.2 kW)	97	2.0	1903	215	**BG40-../DPE11LB4**	18.19	1259	5600	-	-	170	77
3 HP (2.2 kW)	97	2.9	1903	215	**BG50-../DPE11LB4**	18.33	1619	7200	-	-	190	86
3 HP (2.2 kW)	93	1.35	1991	225	**BG30-../DPE11LB4**	18.93	922	4100	-	-	128	58
3 HP (2.2 kW)	89	1.3	2080	235	**BG30-../DPE11LB4**	19.99	944	4200	-	-	128	58
3 HP (2.2 kW)	89	1.8	2080	235	**BG40-../DPE11LB4**	19.84	1304	5800	-	-	170	77
3 HP (2.2 kW)	81	2.5	2257	255	**BG50-../DPE11LB4**	21.96	1798	8000	-	-	190	86
3 HP (2.2 kW)	80	1.15	2301	260	**BG30-../DPE11LB4**	22.18	1034	4600	-	-	128	58
3 HP (2.2 kW)	80	1.65	2301	260	**BG40-../DPE11LB4**	22.02	1349	6000	-	-	170	77
3 HP (2.2 kW)	76	1.55	2434	275	**BG40-../DPE11LB4**	23.43	1394	6200	-	-	170	77
3 HP (2.2 kW)	73	2.2	2522	285	**BG50-../DPE11LB4**	24.34	1956	8700	-	-	190	86
3 HP (2.2 kW)	68	1.4	2699	305	**BG40-../DPE11LB4**	26.01	1461	6500	-	-	170	77
3 HP (2.2 kW)	60	1.8	3098	350	**BG50-../DPE11LB4**	29.62	1798	8000	-	-	190	86
3 HP (2.2 kW)	55	3.2	3363	380	**BG60-../DPE11LB4**	32.48	3462	15400	-	-	262	119
3 HP (2.2 kW)	54	1.65	3408	385	**BG50-../DPE11LB4**	32.84	1956	8700	-	-	190	86
3 HP (2.2 kW)	46.5	1.4	3983	450	**BG50-../DPE11LB4**	37.89	2248	10000	-	-	190	86
3 HP (2.2 kW)	45.5	2.6	4071	460	**BG60-../DPE11LB4**	38.85	3597	16000	-	-	262	119
3 HP (2.2 kW)	42	1.25	4425	500	**BG50-../DPE11LB4**	42.00	2248	10000	-	-	190	86
3 HP (2.2 kW)	41	2.4	4514	510	**BG60-../DPE11LB4**	43.05	3597	16000	-	-	262	119
3 HP (2.2 kW)	37.5	1.15	4956	560	**BG50-../DPE11LB4**	47.02	2248	10000	-	-	190	86
3 HP (2.2 kW)	35	2.0	5310	600	**BG60-../DPE11LB4**	50.31	3597	16000	-	-	262	119
3 HP (2.2 kW)	34	1.05	5399	610	**BG50-../DPE11LB4**	52.12	2248	10000	-	-	190	86
3 HP (2.2 kW)	32	1.85	5753	650	**BG60-../DPE11LB4**	55.76	3597	16000	-	-	262	119
3 HP (2.2 kW)	29.5	3.2	6284	710	**BG70-../DPE11LB4**	59.82	4496	20000	-	-	328	149
3 HP (2.2 kW)	29	1.65	6373	720	**BG60-../DPE11LB4**	60.90	3597	16000	-	-	262	119
3 HP (2.2 kW)	27.5	3.0	6727	760	**BG70Z-../DPE11LB4**	64.85	4496	20000	-	-	388	176
3 HP (2.2 kW)	26.5	1.5	6992	790	**BG60-../DPE11LB4**	67.49	3597	16000	-	-	262	119
3 HP (2.2 kW)	26	1.5	7081	800	**BG60Z-../DPE11LB4**	68.32	3597	16000	-	-	298	135
3 HP (2.2 kW)	24	2.6	7700	870	**BG70Z-../DPE11LB4**	73.82	4496	20000	-	-	388	176
3 HP (2.2 kW)	23.5	1.35	7877	890	**BG60Z-../DPE11LB4**	75.71	3597	16000	-	-	298	135
3 HP (2.2 kW)	20.5	2.3	9028	1020	**BG70Z-../DPE11LB4**	87.61	4496	20000	-	-	388	176
3 HP (2.2 kW)	19.5	1.1	9470	1070	**BG60Z-../DPE11LB4**	91.09	3597	16000	-	-	298	135
3 HP (2.2 kW)	18.5	2.0	10001	1130	**BG70Z-../DPE11LB4**	95.74	4496	20000	-	-	388	176
3 HP (2.2 kW)	17.5	1.0	10621	1200	**BG60Z-../DPE11LB4**	101.0	3597	16000	-	-	298	135
3 HP (2.2 kW)	16	3.2	11594	1310	**BG80Z-../DPE11LB4**	112.4	5845	26000	-	-	542	246
3 HP (2.2 kW)	15.5	1.7	11949	1350	**BG70Z-../DPE11LB4**	113.6	4496	20000	-	-	388	176
3 HP (2.2 kW)	15	0.86	12391	1400	**BG60Z-../DPE11LB4**	119.2	3597	16000	-	-	298	135
3 HP (2.2 kW)	14.5	1.6	12745	1440	**BG70Z-../DPE11LB4**	124.0	4496	20000	-	-	388	176
3 HP (2.2 kW)	14.5	2.9	12745	1440	**BG80Z-../DPE11LB4**	124.8	5845	26000	-	-	542	246
3 HP (2.2 kW)	12.5	2.5	14869	1680	**BG80Z-../DPE11LB4**	145.4	5845	26000	-	-	542	246
3 HP (2.2 kW)	12	1.3	15489	1750	**BG70Z-../DPE11LB4**	147.2	4496	20000	-	-	388	176
3 HP (2.2 kW)	11	1.2	16905	1910	**BG70Z-../DPE11LB4**	163.8	4496	20000	-	-	388	176
3 HP (2.2 kW)	11	2.2	16905	1910	**BG80Z-../DPE11LB4**	161.5	5845	26000	-	-	542	246
3 HP (2.2 kW)	9.5	1.9	19472	2200	**BG80Z-../DPE11LB4**	186.8	5845	26000	-	-	542	246
3 HP (2.2 kW)	9.1	1.0	20357	2300	**BG70Z-../DPE11LB4**	194.4	4496	20000	-	-	388	176
3 HP (2.2 kW)	8.5	1.7	21684	2450	**BG80Z-../DPE11LB4**	207.4	5845	26000	-	-	542	246

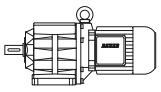
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

3 HP (2.2 kW)



P_N			Output Torque				Permissible Overhung Load Standard Bearings		Permissible Overhung Load Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	8.4	0.92	22127	2500	**BG70Z-../DPE11LB4**	210.5	4496	20000	-	-	388	176
3 HP (2.2 kW)	7.8	1.9	21242	2400	**BG80G40-../DPE11LB4**	227.2	5845	26000	-	-	560	254
3 HP (2.2 kW)	7.8	3.2	23454	2650	**BG90Z-../DPE11LB4**	228.1	14613	65000	-	-	767	348
3 HP (2.2 kW)	7.0	1.75	23454	2650	**BG80G40-../DPE11LB4**	252.3	5845	26000	-	-	560	254
3 HP (2.2 kW)	6.3	1.55	26552	3000	**BG80G40-../DPE11LB4**	282.8	5845	26000	-	-	560	254
3 HP (2.2 kW)	5.9	2.8	28765	3250	**BG90G50-../DPE11LB4**	298.8	14613	65000	-	-	805	365
3 HP (2.2 kW)	5.7	1.4	29207	3300	**BG80G40-../DPE11LB4**	314.0	5845	26000	-	-	560	254
3 HP (2.2 kW)	4.9	1.15	34960	3950	**BG80G40-../DPE11LB4**	360.0	5845	26000	-	-	560	254
3 HP (2.2 kW)	4.9	2.4	33633	3800	**BG90G50-../DPE11LB4**	360.3	14613	65000	-	-	805	365
3 HP (2.2 kW)	4.5	1.1	37616	4250	**BG80G40-../DPE11LB4**	399.8	5845	26000	-	-	560	254
3 HP (2.2 kW)	4.1	0.97	42041	4750	**BG80G40-../DPE11LB4**	436.2	5845	26000	-	-	560	254
3 HP (2.2 kW)	4.1	1.95	41599	4700	**BG90G50-../DPE11LB4**	435.8	14613	65000	-	-	805	365
3 HP (2.2 kW)	3.7	0.87	46909	5300	**BG80G40-../DPE11LB4**	484.3	5845	26000	-	-	560	254
3 HP (2.2 kW)	3.5	1.65	48679	5500	**BG90G50-../DPE11LB4**	504.7	14613	65000	-	-	805	365
3 HP (2.2 kW)	3.5	3.1	53104	6000	**BG100Z-../DPE11LB4**	508.5	20233	90000	-	-	1224	555
3 HP (2.2 kW)	3.0	1.45	56645	6400	**BG90G50-../DPE11LB4**	588.8	14613	65000	-	-	805	365
3 HP (2.2 kW)	3.0	2.6	61955	7000	**BG100Z-../DPE11LB4**	591.1	20233	90000	-	-	1224	555
3 HP (2.2 kW)	2.8	1.35	60185	6800	**BG90G50-../DPE11LB4**	644.7	14613	65000	-	-	805	365
3 HP (2.2 kW)	2.7	2.4	68151	7700	**BG100Z-../DPE11LB4**	658.1	20233	90000	-	-	1224	555
3 HP (2.2 kW)	2.5	1.2	68151	7700	**BG90G50-../DPE11LB4**	714.2	14613	65000	-	-	805	365
3 HP (2.2 kW)	2.4	2.1	77001	8700	**BG100Z-../DPE11LB4**	759.0	20233	90000	-	-	1224	555
3 HP (2.2 kW)	2.1	1.85	88507	10000	**BG100Z-../DPE11LB4**	845.1	20233	90000	-	-	1224	555
3 HP (2.2 kW)	2.0	0.94	86737	9800	**BG90G50-../DPE11LB4**	883.7	14613	65000	-	-	805	365
3 HP (2.2 kW)	1.9	1.95	83197	9400	**BG100G50-../DPE11LB4**	976.1	20233	90000	-	-	1217	552
3 HP (2.2 kW)	1.7	1.7	96473	10900	**BG100G50-../DPE11LB4**	1043	20233	90000	-	-	1217	552
3 HP (2.2 kW)	1.5	1.5	108864	12300	**BG100G50-../DPE11LB4**	1204	20233	90000	-	-	1217	552
3 HP (2.2 kW)	1.3	1.25	130106	14700	**BG100G50-../DPE11LB4**	1444	20233	90000	-	-	1217	552
3 HP (2.2 kW)	1.1	1.05	154003	17400	**BG100G50-../DPE11LB4**	1678	20233	90000	-	-	1217	552

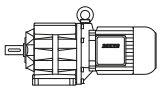
4 HP (3 kW)



P_N			Output Torque				Permissible Overhung Load Standard Bearings		Permissible Overhung Load Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	660	3.0	381	43	**BG30-../DPE11LB4**	2.67	326	1450	-	-	128	58
4 HP (3 kW)	520	2.5	487	55	**BG30-../DPE11LB4**	3.40	355	1580	-	-	128	58
4 HP (3 kW)	420	2.5	602	68	**BG30-../DPE11LB4**	4.21	366	1630	-	-	128	58
4 HP (3 kW)	325	2.3	779	88	**BG30-../DPE11LB4**	5.44	375	1670	-	-	128	58
4 HP (3 kW)	275	3.0	920	104	**BG40-../DPE11LB4**	6.40	843	3750	-	-	170	77
4 HP (3 kW)	265	2.1	956	108	**BG30-../DPE11LB4**	6.76	573	2550	-	-	128	58
4 HP (3 kW)	250	2.9	1009	114	**BG40-../DPE11LB4**	7.11	888	3950	-	-	170	77
4 HP (3 kW)	235	1.9	1071	121	**BG30-../DPE11LB4**	7.50	618	2750	-	-	128	58
4 HP (3 kW)	235	2.4	1071	121	**BG40-../DPE11LB4**	7.62	596	2650	-	-	170	77
4 HP (3 kW)	225	1.7	1124	127	**BG30-../DPE11LB4**	7.91	396	1760	-	-	128	58
4 HP (3 kW)	215	2.6	1177	133	**BG40-../DPE11LB4**	8.31	922	4100	-	-	170	77
4 HP (3 kW)	205	1.75	1230	139	**BG30-../DPE11LB4**	8.60	629	2800	-	-	128	58
4 HP (3 kW)	196	2.0	1292	146	**BG40-../DPE11LB4**	9.00	596	2650	-	-	170	77
4 HP (3 kW)	191	2.4	1328	150	**BG40-../DPE11LB4**	9.23	978	4350	-	-	170	77
4 HP (3 kW)	185	1.65	1363	154	**BG30-../DPE11LB4**	9.55	674	3000	-	-	128	58
4 HP (3 kW)	171	2.3	1478	167	**BG40-../DPE11LB4**	10.35	978	4350	-	-	170	77
4 HP (3 kW)	166	1.55	1522	172	**BG30-../DPE11LB4**	10.65	663	2950	-	-	128	58
4 HP (3 kW)	154	2.1	1646	186	**BG40-../DPE11LB4**	11.49	1034	4600	-	-	170	77
4 HP (3 kW)	149	1.45	1699	192	**BG30-../DPE11LB4**	11.82	719	3200	-	-	128	58

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

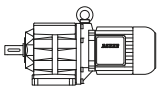
4 HP (3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	146	2.9	1735	196	**BG50-../DPE11LB4**	12.06	1281	5700	-	-	190	86
4 HP (3 kW)	137	2.0	1814	205	**BG40-../DPE11LB4**	12.86	1012	4500	-	-	170	77
4 HP (3 kW)	132	2.8	1903	215	**BG50-../DPE11LB4**	13.36	1371	6100	-	-	190	86
4 HP (3 kW)	128	1.35	1947	220	**BG30-../DPE11LB4**	13.77	708	3150	-	-	128	58
4 HP (3 kW)	124	1.85	2036	230	**BG40-../DPE11LB4**	14.28	1102	4900	-	-	170	77
4 HP (3 kW)	116	1.2	2168	245	**BG30-../DPE11LB4**	15.27	776	3450	-	-	128	58
4 HP (3 kW)	108	1.6	2345	265	**BG40-../DPE11LB4**	16.39	1191	5300	-	-	170	77
4 HP (3 kW)	107	2.4	2345	265	**BG50-../DPE11LB4**	16.53	1461	6500	-	-	190	86
4 HP (3 kW)	104	1.1	2434	275	**BG30-../DPE11LB4**	17.06	832	3700	-	-	128	58
4 HP (3 kW)	97	1.45	2611	295	**BG40-../DPE11LB4**	18.19	1259	5600	-	-	170	77
4 HP (3 kW)	97	2.1	2611	295	**BG50-../DPE11LB4**	18.33	1619	7200	-	-	190	86
4 HP (3 kW)	93	0.98	2699	305	**BG30-../DPE11LB4**	18.93	922	4100	-	-	128	58
4 HP (3 kW)	89	0.94	2832	320	**BG30-../DPE11LB4**	19.99	944	4200	-	-	128	58
4 HP (3 kW)	89	1.35	2832	320	**BG40-../DPE11LB4**	19.84	1304	5800	-	-	170	77
4 HP (3 kW)	81	1.8	3098	350	**BG50-../DPE11LB4**	21.96	1798	8000	-	-	190	86
4 HP (3 kW)	80	0.85	3142	355	**BG30-../DPE11LB4**	22.18	1034	4600	-	-	128	58
4 HP (3 kW)	80	1.2	3142	355	**BG40-../DPE11LB4**	22.02	1349	6000	-	-	170	77
4 HP (3 kW)	79	3.3	3186	360	**BG60-../DPE11LB4**	22.40	2990	13300	-	-	262	119
4 HP (3 kW)	76	1.15	3319	375	**BG40-../DPE11LB4**	23.43	1394	6200	-	-	170	77
4 HP (3 kW)	73	1.6	3452	390	**BG50-../DPE11LB4**	24.34	1956	8700	-	-	190	86
4 HP (3 kW)	71	3.0	3540	400	**BG60-../DPE11LB4**	24.82	3102	13800	-	-	262	119
4 HP (3 kW)	68	1.0	3717	420	**BG40-../DPE11LB4**	26.01	1461	6500	-	-	170	77
4 HP (3 kW)	61	2.6	4116	465	**BG60-../DPE11LB4**	29.31	3327	14800	-	-	262	119
4 HP (3 kW)	60	1.35	4204	475	**BG50-../DPE11LB4**	29.62	1798	8000	-	-	190	86
4 HP (3 kW)	55	2.3	4602	520	**BG60-../DPE11LB4**	32.48	3462	15400	-	-	262	119
4 HP (3 kW)	54	1.2	4691	530	**BG50-../DPE11LB4**	32.84	1956	8700	-	-	190	86
4 HP (3 kW)	46.5	1.05	5399	610	**BG50-../DPE11LB4**	37.89	2248	10000	-	-	190	86
4 HP (3 kW)	45.5	1.95	5487	620	**BG60-../DPE11LB4**	38.85	3597	16000	-	-	262	119
4 HP (3 kW)	42	0.93	6019	680	**BG50-../DPE11LB4**	42.00	2248	10000	-	-	190	86
4 HP (3 kW)	41	1.75	6107	690	**BG60-../DPE11LB4**	43.05	3597	16000	-	-	262	119
4 HP (3 kW)	38	3.1	6638	750	**BG70-../DPE11LB4**	46.54	4496	20000	-	-	328	149
4 HP (3 kW)	37.5	0.83	6727	760	**BG50-../DPE11LB4**	47.02	2248	10000	-	-	190	86
4 HP (3 kW)	35	1.5	7169	810	**BG60-../DPE11LB4**	50.31	3597	16000	-	-	262	119
4 HP (3 kW)	35	2.8	7169	810	**BG70-../DPE11LB4**	50.40	4496	20000	-	-	328	149
4 HP (3 kW)	32	1.35	7877	890	**BG60-../DPE11LB4**	55.76	3597	16000	-	-	262	119
4 HP (3 kW)	29.5	2.4	8585	970	**BG70-../DPE11LB4**	59.82	4496	20000	-	-	328	149
4 HP (3 kW)	29	1.2	8674	980	**BG60-../DPE11LB4**	60.90	3597	16000	-	-	262	119
4 HP (3 kW)	27.5	2.2	9205	1040	**BG70Z-../DPE11LB4**	64.85	4496	20000	-	-	388	176
4 HP (3 kW)	26.5	1.1	9559	1080	**BG60-../DPE11LB4**	67.49	3597	16000	-	-	262	119
4 HP (3 kW)	26	1.1	9736	1100	**BG60Z-../DPE11LB4**	68.32	3597	16000	-	-	298	135
4 HP (3 kW)	24	1.95	10532	1190	**BG70Z-../DPE11LB4**	73.82	4496	20000	-	-	388	176
4 HP (3 kW)	23.5	0.99	10709	1210	**BG60Z-../DPE11LB4**	75.71	3597	16000	-	-	298	135
4 HP (3 kW)	21	3.1	12037	1360	**BG80Z-../DPE11LB4**	84.55	5845	26000	-	-	542	246
4 HP (3 kW)	20.5	1.65	12303	1390	**BG70Z-../DPE11LB4**	87.61	4496	20000	-	-	388	176
4 HP (3 kW)	19.5	0.82	12922	1460	**BG60Z-../DPE11LB4**	91.09	3597	16000	-	-	298	135
4 HP (3 kW)	19	2.8	13276	1500	**BG80Z-../DPE11LB4**	93.89	5845	26000	-	-	542	246
4 HP (3 kW)	18.5	1.5	13630	1540	**BG70Z-../DPE11LB4**	95.74	4496	20000	-	-	388	176
4 HP (3 kW)	16	2.3	15843	1790	**BG80Z-../DPE11LB4**	112.4	5845	26000	-	-	542	246
4 HP (3 kW)	15.5	1.25	16285	1840	**BG70Z-../DPE11LB4**	113.6	4496	20000	-	-	388	176
4 HP (3 kW)	14.5	1.15	17436	1970	**BG70Z-../DPE11LB4**	124.0	4496	20000	-	-	388	176
4 HP (3 kW)	14.5	2.1	17436	1970	**BG80Z-../DPE11LB4**	124.8	5845	26000	-	-	542	246
4 HP (3 kW)	12.5	1.85	19914	2250	**BG80Z-../DPE11LB4**	145.4	5845	26000	-	-	542	246
4 HP (3 kW)	12	0.98	20799	2350	**BG70Z-../DPE11LB4**	147.2	4496	20000	-	-	388	176
4 HP (3 kW)	11	0.88	23012	2600	**BG70Z-../DPE11LB4**	163.8	4496	20000	-	-	388	176
4 HP (3 kW)	11	1.6	23012	2600	**BG80Z-../DPE11LB4**	161.5	5845	26000	-	-	542	246
4 HP (3 kW)	11	3.2	23012	2600	**BG90Z-../DPE11LB4**	163.0	14613	65000	-	-	767	348
4 HP (3 kW)	9.9	2.9	25225	2850	**BG90Z-../DPE11LB4**	178.5	14613	65000	-	-	767	348
4 HP (3 kW)	9.5	1.4	26552	3000	**BG80Z-../DPE11LB4**	186.8	5845	26000	-	-	542	246

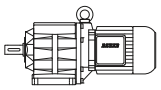
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

4 HP (3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	8.5	1.25	29650	3350	**BG80Z-../DPE11LB4**	207.4	5845	26000	-	-	542	246
4 HP (3 kW)	8.5	2.5	29650	3350	**BG90Z-../DPE11LB4**	208.3	14613	65000	-	-	767	348
4 HP (3 kW)	7.8	1.35	29650	3350	**BG80G40-../DPE11LB4**	227.2	5845	26000	-	-	560	254
4 HP (3 kW)	7.8	2.3	32305	3650	**BG90Z-../DPE11LB4**	228.1	14613	65000	-	-	767	348
4 HP (3 kW)	7.0	1.25	33190	3750	**BG80G40-../DPE11LB4**	252.3	5845	26000	-	-	560	254
4 HP (3 kW)	6.8	2.5	33190	3750	**BG90G50-../DPE11LB4**	262.5	14613	65000	-	-	805	365
4 HP (3 kW)	6.3	1.1	37173	4200	**BG80G40-../DPE11LB4**	282.8	5845	26000	-	-	560	254
4 HP (3 kW)	5.9	2.0	40271	4550	**BG90G50-../DPE11LB4**	298.8	14613	65000	-	-	805	365
4 HP (3 kW)	5.7	0.99	41156	4650	**BG80G40-../DPE11LB4**	314.0	5845	26000	-	-	560	254
4 HP (3 kW)	4.9	0.84	48679	5500	**BG80G40-../DPE11LB4**	360.0	5845	26000	-	-	560	254
4 HP (3 kW)	4.9	1.75	46909	5300	**BG90G50-../DPE11LB4**	360.3	14613	65000	-	-	805	365
4 HP (3 kW)	4.7	3.1	53104	6000	**BG100Z-../DPE11LB4**	382.6	20233	90000	-	-	1224	555
4 HP (3 kW)	4.1	1.4	58415	6600	**BG90G50-../DPE11LB4**	435.8	14613	65000	-	-	805	365
4 HP (3 kW)	3.9	2.5	64610	7300	**BG100Z-../DPE11LB4**	456.7	20233	90000	-	-	1224	555
4 HP (3 kW)	3.5	1.2	68151	7700	**BG90G50-../DPE11LB4**	504.7	14613	65000	-	-	805	365
4 HP (3 kW)	3.5	2.3	71691	8100	**BG100Z-../DPE11LB4**	508.5	20233	90000	-	-	1224	555
4 HP (3 kW)	3.0	1.05	78772	8900	**BG90G50-../DPE11LB4**	588.8	14613	65000	-	-	805	365
4 HP (3 kW)	3.0	1.95	84082	9500	**BG100Z-../DPE11LB4**	591.1	20233	90000	-	-	1224	555
4 HP (3 kW)	2.8	0.96	84967	9600	**BG90G50-../DPE11LB4**	644.7	14613	65000	-	-	805	365
4 HP (3 kW)	2.7	1.75	93818	10600	**BG100Z-../DPE11LB4**	658.1	20233	90000	-	-	1224	555
4 HP (3 kW)	2.5	0.85	95588	10800	**BG90G50-../DPE11LB4**	714.2	14613	65000	-	-	805	365
4 HP (3 kW)	2.4	1.55	105324	11900	**BG100Z-../DPE11LB4**	759.0	20233	90000	-	-	1224	555
4 HP (3 kW)	2.1	1.35	120370	13600	**BG100Z-../DPE11LB4**	845.1	20233	90000	-	-	1224	555
4 HP (3 kW)	1.9	1.4	118600	13400	**BG100G50-../DPE11LB4**	976.1	20233	90000	-	-	1217	552
4 HP (3 kW)	1.7	1.2	136301	15400	**BG100G50-../DPE11LB4**	1043	20233	90000	-	-	1217	552
4 HP (3 kW)	1.5	1.05	154003	17400	**BG100G50-../DPE11LB4**	1204	20233	90000	-	-	1217	552
4 HP (3 kW)	1.3	0.9	182325	20600	**BG100G50-../DPE11LB4**	1444	20233	90000	-	-	1217	552

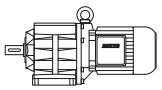
5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	660	2.4	469	53	**BG30-../DPE11LB4**	2.67	326	1450	-	-	128	58
5 HP (3.7 kW)	520	2.1	593	67	**BG30-../DPE11LB4**	3.40	355	1580	-	-	128	58
5 HP (3.7 kW)	445	3.1	699	79	**BG40-../DPE11LB4**	3.97	540	2400	-	-	170	77
5 HP (3.7 kW)	420	2.0	743	84	**BG30-../DPE11LB4**	4.21	366	1630	-	-	128	58
5 HP (3.7 kW)	360	2.7	867	98	**BG40-../DPE11LB4**	4.94	551	2450	-	-	170	77
5 HP (3.7 kW)	325	1.85	956	108	**BG30-../DPE11LB4**	5.44	375	1670	-	-	128	58
5 HP (3.7 kW)	275	2.4	1133	128	**BG40-../DPE11LB4**	6.40	843	3750	-	-	170	77
5 HP (3.7 kW)	265	1.7	1177	133	**BG30-../DPE11LB4**	6.76	573	2550	-	-	128	58
5 HP (3.7 kW)	250	2.3	1248	141	**BG40-../DPE11LB4**	7.11	888	3950	-	-	170	77
5 HP (3.7 kW)	235	1.55	1328	150	**BG30-../DPE11LB4**	7.50	618	2750	-	-	128	58
5 HP (3.7 kW)	235	1.95	1328	150	**BG40-../DPE11LB4**	7.62	596	2650	-	-	170	77
5 HP (3.7 kW)	225	1.4	1390	157	**BG30-../DPE11LB4**	7.91	396	1760	-	-	128	58
5 HP (3.7 kW)	215	2.1	1452	164	**BG40-../DPE11LB4**	8.31	922	4100	-	-	170	77
5 HP (3.7 kW)	205	1.45	1522	172	**BG30-../DPE11LB4**	8.60	629	2800	-	-	128	58
5 HP (3.7 kW)	205	3.0	1522	172	**BG50-../DPE11LB4**	8.70	1191	5300	-	-	190	86
5 HP (3.7 kW)	196	1.65	1593	180	**BG40-../DPE11LB4**	9.00	596	2650	-	-	170	77
5 HP (3.7 kW)	191	1.95	1637	185	**BG40-../DPE11LB4**	9.23	978	4350	-	-	170	77
5 HP (3.7 kW)	185	1.35	1690	191	**BG30-../DPE11LB4**	9.55	674	3000	-	-	128	58
5 HP (3.7 kW)	183	2.7	1708	193	**BG50-../DPE11LB4**	9.65	1259	5600	-	-	190	86
5 HP (3.7 kW)	171	1.85	1814	205	**BG40-../DPE11LB4**	10.35	978	4350	-	-	170	77

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

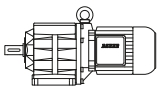
5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	166	1.25	1859	210	**BG30-../DPE11LB4**	10.65	663	2950	-	-	128	58
5 HP (3.7 kW)	154	1.75	1991	225	**BG40-../DPE11LB4**	11.49	1034	4600	-	-	170	77
5 HP (3.7 kW)	149	1.15	2080	235	**BG30-../DPE11LB4**	11.82	719	3200	-	-	128	58
5 HP (3.7 kW)	146	2.4	2124	240	**BG50-../DPE11LB4**	12.06	1281	5700	-	-	190	86
5 HP (3.7 kW)	137	1.6	2257	255	**BG40-../DPE11LB4**	12.86	1012	4500	-	-	170	77
5 HP (3.7 kW)	132	2.2	2345	265	**BG50-../DPE11LB4**	13.36	1371	6100	-	-	190	86
5 HP (3.7 kW)	128	1.05	2434	275	**BG30-../DPE11LB4**	13.77	708	3150	-	-	128	58
5 HP (3.7 kW)	124	1.5	2478	280	**BG40-../DPE11LB4**	14.28	1102	4900	-	-	170	77
5 HP (3.7 kW)	116	1.0	2655	300	**BG30-../DPE11LB4**	15.27	776	3450	-	-	128	58
5 HP (3.7 kW)	108	1.3	2876	325	**BG40-../DPE11LB4**	16.39	1191	5300	-	-	170	77
5 HP (3.7 kW)	107	1.9	2921	330	**BG50-../DPE11LB4**	16.53	1461	6500	-	-	190	86
5 HP (3.7 kW)	105	3.3	2965	335	**BG60-../DPE11LB4**	16.80	2698	12000	-	-	262	119
5 HP (3.7 kW)	104	0.9	2965	335	**BG30-../DPE11LB4**	17.06	832	3700	-	-	128	58
5 HP (3.7 kW)	97	1.2	3186	360	**BG40-../DPE11LB4**	18.19	1259	5600	-	-	170	77
5 HP (3.7 kW)	97	1.75	3186	360	**BG50-../DPE11LB4**	18.33	1619	7200	-	-	190	86
5 HP (3.7 kW)	95	3.1	3275	370	**BG60-../DPE11LB4**	18.62	2788	12400	-	-	262	119
5 HP (3.7 kW)	93	0.8	3319	375	**BG30-../DPE11LB4**	18.93	922	4100	-	-	128	58
5 HP (3.7 kW)	89	1.1	3496	395	**BG40-../DPE11LB4**	19.84	1304	5800	-	-	170	77
5 HP (3.7 kW)	81	1.45	3850	435	**BG50-../DPE11LB4**	21.96	1798	8000	-	-	190	86
5 HP (3.7 kW)	80	0.97	3894	440	**BG40-../DPE11LB4**	22.02	1349	6000	-	-	170	77
5 HP (3.7 kW)	79	2.7	3939	445	**BG60-../DPE11LB4**	22.40	2990	13300	-	-	262	119
5 HP (3.7 kW)	76	0.92	4071	460	**BG40-../DPE11LB4**	23.43	1394	6200	-	-	170	77
5 HP (3.7 kW)	73	1.3	4248	480	**BG50-../DPE11LB4**	24.34	1956	8700	-	-	190	86
5 HP (3.7 kW)	71	2.4	4381	495	**BG60-../DPE11LB4**	24.82	3102	13800	-	-	262	119
5 HP (3.7 kW)	68	0.83	4514	510	**BG40-../DPE11LB4**	26.01	1461	6500	-	-	170	77
5 HP (3.7 kW)	61	2.1	5045	570	**BG60-../DPE11LB4**	29.31	3327	14800	-	-	262	119
5 HP (3.7 kW)	60	1.1	5133	580	**BG50-../DPE11LB4**	29.62	1798	8000	-	-	190	86
5 HP (3.7 kW)	55	1.9	5664	640	**BG60-../DPE11LB4**	32.48	3462	15400	-	-	262	119
5 HP (3.7 kW)	54	0.97	5753	650	**BG50-../DPE11LB4**	32.84	1956	8700	-	-	190	86
5 HP (3.7 kW)	50	3.3	6196	700	**BG70-../DPE11LB4**	35.24	4114	18300	-	-	328	149
5 HP (3.7 kW)	46.5	0.84	6638	750	**BG50-../DPE11LB4**	37.89	2248	10000	-	-	190	86
5 HP (3.7 kW)	45.5	1.55	6815	770	**BG60-../DPE11LB4**	38.85	3597	16000	-	-	262	119
5 HP (3.7 kW)	45	2.9	6904	780	**BG70-../DPE11LB4**	39.22	4294	19100	-	-	328	149
5 HP (3.7 kW)	41	1.4	7612	860	**BG60-../DPE11LB4**	43.05	3597	16000	-	-	262	119
5 HP (3.7 kW)	38	2.5	8143	920	**BG70-../DPE11LB4**	46.54	4496	20000	-	-	328	149
5 HP (3.7 kW)	35	1.2	8851	1000	**BG60-../DPE11LB4**	50.31	3597	16000	-	-	262	119
5 HP (3.7 kW)	35	2.3	8851	1000	**BG70-../DPE11LB4**	50.40	4496	20000	-	-	328	149
5 HP (3.7 kW)	32	1.1	9736	1100	**BG60-../DPE11LB4**	55.76	3597	16000	-	-	262	119
5 HP (3.7 kW)	29.5	1.95	10532	1190	**BG70-../DPE11LB4**	59.82	4496	20000	-	-	328	149
5 HP (3.7 kW)	29	0.99	10709	1210	**BG60-../DPE11LB4**	60.90	3597	16000	-	-	262	119
5 HP (3.7 kW)	28	3.3	11152	1260	**BG80-../DPE11LB4**	63.56	5845	26000	-	-	450	204
5 HP (3.7 kW)	27.5	1.8	11329	1280	**BG70Z-../DPE11LB4**	64.85	4496	20000	-	-	388	176
5 HP (3.7 kW)	27	3.2	11506	1300	**BG80Z-../DPE11LB4**	66.40	5845	26000	-	-	542	246
5 HP (3.7 kW)	26.5	0.9	11771	1330	**BG60-../DPE11LB4**	67.49	3597	16000	-	-	262	119
5 HP (3.7 kW)	26	0.89	11949	1350	**BG60Z-../DPE11LB4**	68.32	3597	16000	-	-	298	135
5 HP (3.7 kW)	24	1.55	13011	1470	**BG70Z-../DPE11LB4**	73.82	4496	20000	-	-	388	176
5 HP (3.7 kW)	24	2.9	13011	1470	**BG80Z-../DPE11LB4**	73.73	5845	26000	-	-	542	246
5 HP (3.7 kW)	23.5	0.8	13276	1500	**BG60Z-../DPE11LB4**	75.71	3597	16000	-	-	298	135
5 HP (3.7 kW)	21	2.5	14869	1680	**BG80Z-../DPE11LB4**	84.55	5845	26000	-	-	542	246
5 HP (3.7 kW)	20.5	1.35	15223	1720	**BG70Z-../DPE11LB4**	87.61	4496	20000	-	-	388	176
5 HP (3.7 kW)	19	2.3	16374	1850	**BG80Z-../DPE11LB4**	93.89	5845	26000	-	-	542	246
5 HP (3.7 kW)	18.5	1.2	16905	1910	**BG70Z-../DPE11LB4**	95.74	4496	20000	-	-	388	176
5 HP (3.7 kW)	16	1.9	19472	2200	**BG80Z-../DPE11LB4**	112.4	5845	26000	-	-	542	246
5 HP (3.7 kW)	15.5	1.0	19914	2250	**BG70Z-../DPE11LB4**	113.6	4496	20000	-	-	388	176
5 HP (3.7 kW)	14.5	0.96	21242	2400	**BG70Z-../DPE11LB4**	124.0	4496	20000	-	-	388	176
5 HP (3.7 kW)	14.5	1.75	21242	2400	**BG80Z-../DPE11LB4**	124.8	5845	26000	-	-	542	246
5 HP (3.7 kW)	13	3.1	23897	2700	**BG90Z-../DPE11LB4**	139.2	14613	65000	-	-	767	348
5 HP (3.7 kW)	12.5	1.5	24782	2800	**BG80Z-../DPE11LB4**	145.4	5845	26000	-	-	542	246

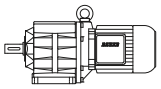
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	11	1.3	28322	3200	**BG80Z-../DPE11LB4**	161.5	5845	26000	-	-	542	246
5 HP (3.7 kW)	11	2.6	28322	3200	**BG90Z-../DPE11LB4**	163.0	14613	65000	-	-	767	348
5 HP (3.7 kW)	9.9	2.4	31420	3550	**BG90Z-../DPE11LB4**	178.5	14613	65000	-	-	767	348
5 HP (3.7 kW)	9.5	1.15	32748	3700	**BG80Z-../DPE11LB4**	186.8	5845	26000	-	-	542	246
5 HP (3.7 kW)	8.5	1.0	36731	4150	**BG80Z-../DPE11LB4**	207.4	5845	26000	-	-	542	246
5 HP (3.7 kW)	8.5	2.0	36731	4150	**BG90Z-../DPE11LB4**	208.3	14613	65000	-	-	767	348
5 HP (3.7 kW)	7.8	1.1	37616	4250	**BG80G40-../DPE11LB4**	227.2	5845	26000	-	-	560	254
5 HP (3.7 kW)	7.8	1.85	39828	4500	**BG90Z-../DPE11LB4**	228.1	14613	65000	-	-	767	348
5 HP (3.7 kW)	7.0	0.98	41599	4700	**BG80G40-../DPE11LB4**	252.3	5845	26000	-	-	560	254
5 HP (3.7 kW)	6.8	1.95	42041	4750	**BG90G50-../DPE11LB4**	262.5	14613	65000	-	-	805	365
5 HP (3.7 kW)	6.8	3.3	45139	5100	**BG100-../DPE11LB4**	259.0	20233	90000	-	-	1025	465
5 HP (3.7 kW)	6.3	0.87	46909	5300	**BG80G40-../DPE11LB4**	282.8	5845	26000	-	-	560	254
5 HP (3.7 kW)	5.9	1.6	50449	5700	**BG90G50-../DPE11LB4**	298.8	14613	65000	-	-	805	365
5 HP (3.7 kW)	5.9	3.1	52219	5900	**BG100Z-../DPE11LB4**	300.4	20233	90000	-	-	1224	555
5 HP (3.7 kW)	5.2	2.8	59300	6700	**BG100Z-../DPE11LB4**	343.6	20233	90000	-	-	1224	555
5 HP (3.7 kW)	4.9	1.35	59300	6700	**BG90G50-../DPE11LB4**	360.3	14613	65000	-	-	805	365
5 HP (3.7 kW)	4.7	2.5	66381	7500	**BG100Z-../DPE11LB4**	382.6	20233	90000	-	-	1224	555
5 HP (3.7 kW)	4.1	1.1	72576	8200	**BG90G50-../DPE11LB4**	435.8	14613	65000	-	-	805	365
5 HP (3.7 kW)	3.9	2.1	79657	9000	**BG100Z-../DPE11LB4**	456.7	20233	90000	-	-	1224	555
5 HP (3.7 kW)	3.5	0.96	84967	9600	**BG90G50-../DPE11LB4**	504.7	14613	65000	-	-	805	365
5 HP (3.7 kW)	3.5	1.85	88507	10000	**BG100Z-../DPE11LB4**	508.5	20233	90000	-	-	1224	555
5 HP (3.7 kW)	3.0	0.82	99128	11200	**BG90G50-../DPE11LB4**	588.8	14613	65000	-	-	805	365
5 HP (3.7 kW)	3.0	1.6	103554	11700	**BG100Z-../DPE11LB4**	591.1	20233	90000	-	-	1224	555
5 HP (3.7 kW)	2.7	1.4	115060	13000	**BG100Z-../DPE11LB4**	658.1	20233	90000	-	-	1224	555
5 HP (3.7 kW)	2.4	1.25	130106	14700	**BG100Z-../DPE11LB4**	759.0	20233	90000	-	-	1224	555
5 HP (3.7 kW)	2.1	1.1	148693	16800	**BG100Z-../DPE11LB4**	845.1	20233	90000	-	-	1224	555
5 HP (3.7 kW)	1.9	1.1	150463	17000	**BG100G50-../DPE11LB4**	976.1	20233	90000	-	-	1217	552
5 HP (3.7 kW)	1.7	0.96	170819	19300	**BG100G50-../DPE11LB4**	1043	20233	90000	-	-	1217	552
5 HP (3.7 kW)	1.5	0.84	193831	21900	**BG100G50-../DPE11LB4**	1204	20233	90000	-	-	1217	552

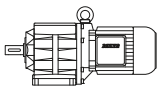
5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	660	2.2	504	57	**BG30-../DPE11LB4**	2.67	326	1450	-	-	128	58
5.5 HP (4.0 kW)	560	3.3	602	68	**BG40-../DPE11LB4**	3.19	528	2350	-	-	170	77
5.5 HP (4.0 kW)	520	1.9	646	73	**BG30-../DPE11LB4**	3.40	355	1580	-	-	128	58
5.5 HP (4.0 kW)	445	2.9	752	85	**BG40-../DPE11LB4**	3.97	540	2400	-	-	170	77
5.5 HP (4.0 kW)	420	1.9	797	90	**BG30-../DPE11LB4**	4.21	366	1630	-	-	128	58
5.5 HP (4.0 kW)	360	2.5	938	106	**BG40-../DPE11LB4**	4.94	551	2450	-	-	170	77
5.5 HP (4.0 kW)	325	1.7	1036	117	**BG30-../DPE11LB4**	5.44	375	1670	-	-	128	58
5.5 HP (4.0 kW)	275	2.3	1221	138	**BG40-../DPE11LB4**	6.40	843	3750	-	-	170	77
5.5 HP (4.0 kW)	265	1.55	1275	144	**BG30-../DPE11LB4**	6.76	573	2550	-	-	128	58
5.5 HP (4.0 kW)	265	3.1	1275	144	**BG50-../DPE11LB4**	6.74	843	3750	-	-	190	86
5.5 HP (4.0 kW)	250	2.1	1345	152	**BG40-../DPE11LB4**	7.11	888	3950	-	-	170	77
5.5 HP (4.0 kW)	235	1.45	1434	162	**BG30-../DPE11LB4**	7.50	618	2750	-	-	128	58
5.5 HP (4.0 kW)	235	1.8	1434	162	**BG40-../DPE11LB4**	7.62	596	2650	-	-	170	77
5.5 HP (4.0 kW)	225	1.3	1496	169	**BG30-../DPE11LB4**	7.91	396	1760	-	-	128	58
5.5 HP (4.0 kW)	215	1.95	1567	177	**BG40-../DPE11LB4**	8.31	922	4100	-	-	170	77
5.5 HP (4.0 kW)	205	1.3	1646	186	**BG30-../DPE11LB4**	8.60	629	2800	-	-	128	58
5.5 HP (4.0 kW)	205	2.7	1646	186	**BG50-../DPE11LB4**	8.70	1191	5300	-	-	190	86
5.5 HP (4.0 kW)	196	1.5	1717	194	**BG40-../DPE11LB4**	9.00	596	2650	-	-	170	77

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

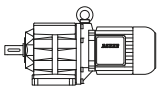
5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	191	1.8	1770	200	**BG40-../DPE11LB4**	9.23	978	4350	-	-	170	77
5.5 HP (4.0 kW)	185	1.25	1814	205	**BG30-../DPE11LB4**	9.55	674	3000	-	-	128	58
5.5 HP (4.0 kW)	183	2.6	1814	205	**BG50-../DPE11LB4**	9.65	1259	5600	-	-	190	86
5.5 HP (4.0 kW)	171	1.7	1947	220	**BG40-../DPE11LB4**	10.35	978	4350	-	-	170	77
5.5 HP (4.0 kW)	166	1.15	2036	230	**BG30-../DPE11LB4**	10.65	663	2950	-	-	128	58
5.5 HP (4.0 kW)	154	1.6	2168	245	**BG40-../DPE11LB4**	11.49	1034	4600	-	-	170	77
5.5 HP (4.0 kW)	149	1.05	2257	255	**BG30-../DPE11LB4**	11.82	719	3200	-	-	128	58
5.5 HP (4.0 kW)	146	2.2	2301	260	**BG50-../DPE11LB4**	12.06	1281	5700	-	-	190	86
5.5 HP (4.0 kW)	137	1.5	2434	275	**BG40-../DPE11LB4**	12.86	1012	4500	-	-	170	77
5.5 HP (4.0 kW)	132	2.1	2522	285	**BG50-../DPE11LB4**	13.36	1371	6100	-	-	190	86
5.5 HP (4.0 kW)	128	1.0	2611	295	**BG30-../DPE11LB4**	13.77	708	3150	-	-	128	58
5.5 HP (4.0 kW)	124	1.4	2699	305	**BG40-../DPE11LB4**	14.28	1102	4900	-	-	170	77
5.5 HP (4.0 kW)	116	0.92	2876	325	**BG30-../DPE11LB4**	15.27	776	3450	-	-	128	58
5.5 HP (4.0 kW)	108	1.2	3098	350	**BG40-../DPE11LB4**	16.39	1191	5300	-	-	170	77
5.5 HP (4.0 kW)	107	1.75	3142	355	**BG50-../DPE11LB4**	16.53	1461	6500	-	-	190	86
5.5 HP (4.0 kW)	105	3.1	3186	360	**BG60-../DPE11LB4**	16.80	2698	12000	-	-	262	119
5.5 HP (4.0 kW)	104	0.82	3231	365	**BG30-../DPE11LB4**	17.06	832	3700	-	-	128	58
5.5 HP (4.0 kW)	97	1.1	3452	390	**BG40-../DPE11LB4**	18.19	1259	5600	-	-	170	77
5.5 HP (4.0 kW)	97	1.6	3452	390	**BG50-../DPE11LB4**	18.33	1619	7200	-	-	190	86
5.5 HP (4.0 kW)	95	2.9	3540	400	**BG60-../DPE11LB4**	18.62	2788	12400	-	-	262	119
5.5 HP (4.0 kW)	89	1.0	3762	425	**BG40-../DPE11LB4**	19.84	1304	5800	-	-	170	77
5.5 HP (4.0 kW)	81	1.35	4160	470	**BG50-../DPE11LB4**	21.96	1798	8000	-	-	190	86
5.5 HP (4.0 kW)	80	0.89	4204	475	**BG40-../DPE11LB4**	22.02	1349	6000	-	-	170	77
5.5 HP (4.0 kW)	79	2.5	4248	480	**BG60-../DPE11LB4**	22.40	2990	13300	-	-	262	119
5.5 HP (4.0 kW)	76	0.85	4425	500	**BG40-../DPE11LB4**	23.43	1394	6200	-	-	170	77
5.5 HP (4.0 kW)	73	1.2	4602	520	**BG50-../DPE11LB4**	24.34	1956	8700	-	-	190	86
5.5 HP (4.0 kW)	71	2.3	4691	530	**BG60-../DPE11LB4**	24.82	3102	13800	-	-	262	119
5.5 HP (4.0 kW)	61	1.95	5487	620	**BG60-../DPE11LB4**	29.31	3327	14800	-	-	262	119
5.5 HP (4.0 kW)	60	1.0	5576	630	**BG50-../DPE11LB4**	29.62	1798	8000	-	-	190	86
5.5 HP (4.0 kW)	55	1.75	6107	690	**BG60-../DPE11LB4**	32.48	3462	15400	-	-	262	119
5.5 HP (4.0 kW)	54	0.9	6196	700	**BG50-../DPE11LB4**	32.84	1956	8700	-	-	190	86
5.5 HP (4.0 kW)	50	3.0	6727	760	**BG70-../DPE11LB4**	35.24	4114	18300	-	-	328	149
5.5 HP (4.0 kW)	45.5	1.45	7346	830	**BG60-../DPE11LB4**	38.85	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	45	2.7	7435	840	**BG70-../DPE11LB4**	39.22	4294	19100	-	-	328	149
5.5 HP (4.0 kW)	41	1.3	8231	930	**BG60-../DPE11LB4**	43.05	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	38	2.3	8851	1000	**BG70-../DPE11LB4**	46.54	4496	20000	-	-	328	149
5.5 HP (4.0 kW)	35	1.1	9647	1090	**BG60-../DPE11LB4**	50.31	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	35	2.1	9647	1090	**BG70-../DPE11LB4**	50.40	4496	20000	-	-	328	149
5.5 HP (4.0 kW)	32	1.0	10532	1190	**BG60-../DPE11LB4**	55.76	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	29.5	1.8	11417	1290	**BG70-../DPE11LB4**	59.82	4496	20000	-	-	328	149
5.5 HP (4.0 kW)	29	0.92	11594	1310	**BG60-../DPE11LB4**	60.90	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	28	3.1	12037	1360	**BG80-../DPE11LB4**	63.56	5845	26000	-	-	450	204
5.5 HP (4.0 kW)	27.5	1.65	12214	1380	**BG70Z-../DPE11LB4**	64.85	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	27	3.0	12480	1410	**BG80Z-../DPE11LB4**	66.40	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	26.5	0.83	12745	1440	**BG60-../DPE11LB4**	67.49	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	26	0.82	12922	1460	**BG60Z-../DPE11LB4**	68.32	3597	16000	-	-	298	135
5.5 HP (4.0 kW)	24	1.45	14073	1590	**BG70Z-../DPE11LB4**	73.82	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	24	2.6	14073	1590	**BG80Z-../DPE11LB4**	73.73	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	21	2.3	16020	1810	**BG80Z-../DPE11LB4**	84.55	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	20.5	1.25	16462	1860	**BG70Z-../DPE11LB4**	87.61	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	19	2.1	17701	2000	**BG80Z-../DPE11LB4**	93.89	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	18.5	1.1	18144	2050	**BG70Z-../DPE11LB4**	95.74	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	16	1.8	20799	2350	**BG80Z-../DPE11LB4**	112.4	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	15.5	0.94	21684	2450	**BG70Z-../DPE11LB4**	113.6	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	14.5	0.88	23012	2600	**BG70Z-../DPE11LB4**	124.0	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	14.5	1.6	23012	2600	**BG80Z-../DPE11LB4**	124.8	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	14	3.1	23897	2700	**BG90Z-../DPE11LB4**	127.1	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	13	2.9	25667	2900	**BG90Z-../DPE11LB4**	139.2	14613	65000	-	-	767	348

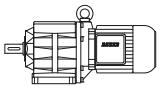
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	12.5	1.4	26995	3050	**BG80Z-../DPE11LB4**	145.4	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	11	1.2	30535	3450	**BG80Z-../DPE11LB4**	161.5	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	11	2.4	30535	3450	**BG90Z-../DPE11LB4**	163.0	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	9.9	2.2	34075	3850	**BG90Z-../DPE11LB4**	178.5	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	9.5	1.05	35403	4000	**BG80Z-../DPE11LB4**	186.8	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	8.5	0.94	39386	4450	**BG80Z-../DPE11LB4**	207.4	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	8.5	1.9	39386	4450	**BG90Z-../DPE11LB4**	208.3	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	7.8	1.0	40713	4600	**BG80G40-../DPE11LB4**	227.2	5845	26000	-	-	560	254
5.5 HP (4.0 kW)	7.8	1.75	42926	4850	**BG90Z-../DPE11LB4**	228.1	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	7.0	0.9	45139	5100	**BG80G40-../DPE11LB4**	252.3	5845	26000	-	-	560	254
5.5 HP (4.0 kW)	6.8	1.8	45139	5100	**BG90G50-../DPE11LB4**	262.5	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	6.8	3.0	49564	5600	**BG100-../DPE11LB4**	259.0	20233	90000	-	-	1025	465
5.5 HP (4.0 kW)	6.6	3.2	50449	5700	**BG100Z-../DPE11LB4**	269.8	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	6.3	0.81	50449	5700	**BG80G40-../DPE11LB4**	282.8	5845	26000	-	-	560	254
5.5 HP (4.0 kW)	5.9	1.5	53990	6100	**BG90G50-../DPE11LB4**	298.8	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	5.9	2.9	56645	6400	**BG100Z-../DPE11LB4**	300.4	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	5.2	2.5	64610	7300	**BG100Z-../DPE11LB4**	343.6	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	4.9	1.25	64610	7300	**BG90G50-../DPE11LB4**	360.3	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	4.7	2.3	71691	8100	**BG100Z-../DPE11LB4**	382.6	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	4.1	1.05	78772	8900	**BG90G50-../DPE11LB4**	435.8	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	3.9	1.9	85852	9700	**BG100Z-../DPE11LB4**	456.7	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	3.5	0.88	92048	10400	**BG90G50-../DPE11LB4**	504.7	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	3.5	1.7	96473	10900	**BG100Z-../DPE11LB4**	508.5	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	3.0	1.45	112404	12700	**BG100Z-../DPE11LB4**	591.1	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	2.7	1.3	124796	14100	**BG100Z-../DPE11LB4**	658.1	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	2.4	1.15	140727	15900	**BG100Z-../DPE11LB4**	759.0	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	2.1	1.0	160198	18100	**BG100Z-../DPE11LB4**	845.1	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	1.9	1.0	163739	18500	**BG100G50-../DPE11LB4**	976.1	20233	90000	-	-	1217	552
5.5 HP (4.0 kW)	1.7	0.88	185866	21000	**BG100G50-../DPE11LB4**	1043	20233	90000	-	-	1217	552

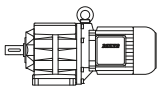
6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	660	1.95	575	65	**BG30-../DPE11LB4**	2.67	326	1450	-	-	128	58
6 HP (4.5 kW)	550	2.9	690	78	**BG40-../DPE11LB4**	3.19	528	2350	-	-	170	77
6 HP (4.5 kW)	520	1.7	726	82	**BG30-../DPE11LB4**	3.40	355	1580	-	-	128	58
6 HP (4.5 kW)	445	2.5	850	96	**BG40-../DPE11LB4**	3.97	540	2400	-	-	170	77
6 HP (4.5 kW)	420	1.7	903	102	**BG30-../DPE11LB4**	4.21	366	1630	-	-	128	58
6 HP (4.5 kW)	360	3.3	1053	119	**BG50-../DPE11LB4**	4.91	787	3500	-	-	190	86
6 HP (4.5 kW)	355	2.2	1071	121	**BG40-../DPE11LB4**	4.94	551	2450	-	-	170	77
6 HP (4.5 kW)	325	1.5	1168	132	**BG30-../DPE11LB4**	5.44	375	1670	-	-	128	58
6 HP (4.5 kW)	290	3.0	1310	148	**BG50-../DPE11LB4**	6.07	1057	4700	-	-	190	86
6 HP (4.5 kW)	275	2.0	1381	156	**BG40-../DPE11LB4**	6.40	843	3750	-	-	170	77
6 HP (4.5 kW)	260	1.35	1460	165	**BG30-../DPE11LB4**	6.76	573	2550	-	-	128	58
6 HP (4.5 kW)	260	2.7	1460	165	**BG50-../DPE11LB4**	6.74	843	3750	-	-	190	86
6 HP (4.5 kW)	250	1.9	1513	171	**BG40-../DPE11LB4**	7.11	888	3950	-	-	170	77
6 HP (4.5 kW)	235	1.25	1611	182	**BG30-../DPE11LB4**	7.50	618	2750	-	-	128	58
6 HP (4.5 kW)	230	1.6	1646	186	**BG40-../DPE11LB4**	7.62	596	2650	-	-	170	77
6 HP (4.5 kW)	225	1.15	1690	191	**BG30-../DPE11LB4**	7.91	396	1760	-	-	128	58
6 HP (4.5 kW)	215	1.75	1761	199	**BG40-../DPE11LB4**	8.31	922	4100	-	-	170	77
6 HP (4.5 kW)	205	1.2	1814	205	**BG30-../DPE11LB4**	8.60	629	2800	-	-	128	58

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

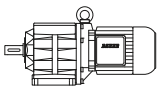
6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	205	2.5	1814	205	**BG50-../DPE11LB4**	8.70	1191	5300	-	-	190	86
6 HP (4.5 kW)	195	1.35	1947	220	**BG40-../DPE11LB4**	9.00	596	2650	-	-	170	77
6 HP (4.5 kW)	190	1.6	1991	225	**BG40-../DPE11LB4**	9.23	978	4350	-	-	170	77
6 HP (4.5 kW)	184	1.1	2036	230	**BG30-../DPE11LB4**	9.55	674	3000	-	-	128	58
6 HP (4.5 kW)	182	2.2	2080	235	**BG50-../DPE11LB4**	9.65	1259	5600	-	-	190	86
6 HP (4.5 kW)	170	1.5	2213	250	**BG40-../DPE11LB4**	10.35	978	4350	-	-	170	77
6 HP (4.5 kW)	165	1.0	2301	260	**BG30-../DPE11LB4**	10.65	663	2950	-	-	128	58
6 HP (4.5 kW)	153	1.4	2478	280	**BG40-../DPE11LB4**	11.49	1034	4600	-	-	170	77
6 HP (4.5 kW)	149	0.96	2522	285	**BG30-../DPE11LB4**	11.82	719	3200	-	-	128	58
6 HP (4.5 kW)	146	2.0	2567	290	**BG50-../DPE11LB4**	12.06	1281	5700	-	-	190	86
6 HP (4.5 kW)	137	1.35	2744	310	**BG40-../DPE11LB4**	12.86	1012	4500	-	-	170	77
6 HP (4.5 kW)	131	1.85	2876	325	**BG50-../DPE11LB4**	13.36	1371	6100	-	-	190	86
6 HP (4.5 kW)	130	3.1	2921	330	**BG60-../DPE11LB4**	13.47	2518	11200	-	-	262	119
6 HP (4.5 kW)	128	0.88	2965	335	**BG30-../DPE11LB4**	13.77	708	3150	-	-	128	58
6 HP (4.5 kW)	123	1.2	3054	345	**BG40-../DPE11LB4**	14.28	1102	4900	-	-	170	77
6 HP (4.5 kW)	115	0.81	3275	370	**BG30-../DPE11LB4**	15.27	776	3450	-	-	128	58
6 HP (4.5 kW)	107	1.05	3540	400	**BG40-../DPE11LB4**	16.39	1191	5300	-	-	170	77
6 HP (4.5 kW)	106	1.55	3585	405	**BG50-../DPE11LB4**	16.53	1461	6500	-	-	190	86
6 HP (4.5 kW)	105	2.7	3585	405	**BG60-../DPE11LB4**	16.80	2698	12000	-	-	262	119
6 HP (4.5 kW)	97	0.97	3894	440	**BG40-../DPE11LB4**	18.19	1259	5600	-	-	170	77
6 HP (4.5 kW)	96	1.4	3939	445	**BG50-../DPE11LB4**	18.33	1619	7200	-	-	190	86
6 HP (4.5 kW)	94	2.5	4027	455	**BG60-../DPE11LB4**	18.62	2788	12400	-	-	262	119
6 HP (4.5 kW)	89	0.89	4248	480	**BG40-../DPE11LB4**	19.84	1304	5800	-	-	170	77
6 HP (4.5 kW)	80	0.8	4691	530	**BG40-../DPE11LB4**	22.02	1349	6000	-	-	170	77
6 HP (4.5 kW)	80	1.2	4691	530	**BG50-../DPE11LB4**	21.96	1798	8000	-	-	190	86
6 HP (4.5 kW)	79	2.2	4779	540	**BG60-../DPE11LB4**	22.40	2990	13300	-	-	262	119
6 HP (4.5 kW)	72	1.05	5222	590	**BG50-../DPE11LB4**	24.34	1956	8700	-	-	190	86
6 HP (4.5 kW)	71	2.0	5310	600	**BG60-../DPE11LB4**	24.82	3102	13800	-	-	262	119
6 HP (4.5 kW)	60	0.89	6284	710	**BG50-../DPE11LB4**	29.62	1798	8000	-	-	190	86
6 HP (4.5 kW)	60	1.7	6284	710	**BG60-../DPE11LB4**	29.31	3327	14800	-	-	262	119
6 HP (4.5 kW)	59	3.2	6373	720	**BG70-../DPE11LB4**	29.69	3799	16900	-	-	328	149
6 HP (4.5 kW)	54	0.8	6992	790	**BG50-../DPE11LB4**	32.84	1956	8700	-	-	190	86
6 HP (4.5 kW)	54	1.5	6992	790	**BG60-../DPE11LB4**	32.48	3462	15400	-	-	262	119
6 HP (4.5 kW)	50	2.7	7523	850	**BG70-../DPE11LB4**	35.24	4114	18300	-	-	328	149
6 HP (4.5 kW)	45.5	1.3	8320	940	**BG60-../DPE11LB4**	38.85	3597	16000	-	-	262	119
6 HP (4.5 kW)	45	2.4	8408	950	**BG70-../DPE11LB4**	39.22	4294	19100	-	-	328	149
6 HP (4.5 kW)	41	1.15	9205	1040	**BG60-../DPE11LB4**	43.05	3597	16000	-	-	262	119
6 HP (4.5 kW)	38	2.0	10001	1130	**BG70-../DPE11LB4**	46.54	4496	20000	-	-	328	149
6 HP (4.5 kW)	35	0.98	10798	1220	**BG60-../DPE11LB4**	50.31	3597	16000	-	-	262	119
6 HP (4.5 kW)	35	1.9	10798	1220	**BG70-../DPE11LB4**	50.40	4496	20000	-	-	328	149
6 HP (4.5 kW)	31.5	0.88	12037	1360	**BG60-../DPE11LB4**	55.76	3597	16000	-	-	262	119
6 HP (4.5 kW)	31	3.0	12214	1380	**BG80-../DPE11LB4**	57.24	5710	25400	-	-	450	204
6 HP (4.5 kW)	29.5	1.6	12834	1450	**BG70-../DPE11LB4**	59.82	4496	20000	-	-	328	149
6 HP (4.5 kW)	29	0.81	13099	1480	**BG60-../DPE11LB4**	60.90	3597	16000	-	-	262	119
6 HP (4.5 kW)	28	2.7	13542	1530	**BG80-../DPE11LB4**	63.56	5845	26000	-	-	450	204
6 HP (4.5 kW)	27	1.45	14073	1590	**BG70Z-../DPE11LB4**	64.85	4496	20000	-	-	388	176
6 HP (4.5 kW)	26.5	2.6	14338	1620	**BG80Z-../DPE11LB4**	66.40	5845	26000	-	-	542	246
6 HP (4.5 kW)	24	1.3	15843	1790	**BG70Z-../DPE11LB4**	73.82	4496	20000	-	-	388	176
6 HP (4.5 kW)	24	2.3	15843	1790	**BG80Z-../DPE11LB4**	73.73	5845	26000	-	-	542	246
6 HP (4.5 kW)	21	2.1	17701	2000	**BG80Z-../DPE11LB4**	84.55	5845	26000	-	-	542	246
6 HP (4.5 kW)	20	1.1	18587	2100	**BG70Z-../DPE11LB4**	87.61	4496	20000	-	-	388	176
6 HP (4.5 kW)	19	1.85	19914	2250	**BG80Z-../DPE11LB4**	93.89	5845	26000	-	-	542	246
6 HP (4.5 kW)	18.5	1.0	20357	2300	**BG70Z-../DPE11LB4**	95.74	4496	20000	-	-	388	176
6 HP (4.5 kW)	16	1.6	23454	2650	**BG80Z-../DPE11LB4**	112.4	5845	26000	-	-	542	246
6 HP (4.5 kW)	15.5	0.84	24340	2750	**BG70Z-../DPE11LB4**	113.6	4496	20000	-	-	388	176
6 HP (4.5 kW)	14.5	1.4	26110	2950	**BG80Z-../DPE11LB4**	124.8	5845	26000	-	-	542	246
6 HP (4.5 kW)	14	2.8	26995	3050	**BG90Z-../DPE11LB4**	127.1	14613	65000	-	-	767	348
6 HP (4.5 kW)	13	2.5	29207	3300	**BG90Z-../DPE11LB4**	139.2	14613	65000	-	-	767	348

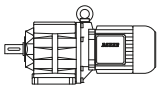
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	12.5	1.25	30093	3400	**BG80Z-../DPE11LB4**	145.4	5845	26000	-	-	542	246
6 HP (4.5 kW)	11	1.1	34518	3900	**BG80Z-../DPE11LB4**	161.5	5845	26000	-	-	542	246
6 HP (4.5 kW)	11	2.2	34518	3900	**BG90Z-../DPE11LB4**	163.0	14613	65000	-	-	767	348
6 HP (4.5 kW)	9.9	1.95	38058	4300	**BG90Z-../DPE11LB4**	178.5	14613	65000	-	-	767	348
6 HP (4.5 kW)	9.4	0.92	40271	4550	**BG80Z-../DPE11LB4**	186.8	5845	26000	-	-	542	246
6 HP (4.5 kW)	8.5	0.84	44254	5000	**BG80Z-../DPE11LB4**	207.4	5845	26000	-	-	542	246
6 HP (4.5 kW)	8.5	1.7	44254	5000	**BG90Z-../DPE11LB4**	208.3	14613	65000	-	-	767	348
6 HP (4.5 kW)	7.8	0.88	46024	5200	**BG80G40-../DPE11LB4**	227.2	5845	26000	-	-	560	254
6 HP (4.5 kW)	7.7	1.55	48679	5500	**BG90Z-../DPE11LB4**	228.1	14613	65000	-	-	767	348
6 HP (4.5 kW)	7.6	3.0	49564	5600	**BG100-../DPE11LB4**	232.6	20233	90000	-	-	1025	465
6 HP (4.5 kW)	6.8	2.7	55760	6300	**BG100-../DPE11LB4**	259.0	20233	90000	-	-	1025	465
6 HP (4.5 kW)	6.7	1.55	52219	5900	**BG90G50-../DPE11LB4**	262.5	14613	65000	-	-	805	365
6 HP (4.5 kW)	6.5	2.8	58415	6600	**BG100Z-../DPE11LB4**	269.8	20233	90000	-	-	1224	555
6 HP (4.5 kW)	5.9	1.35	61070	6900	**BG90G50-../DPE11LB4**	298.8	14613	65000	-	-	805	365
6 HP (4.5 kW)	5.9	2.6	63725	7200	**BG100Z-../DPE11LB4**	300.4	20233	90000	-	-	1224	555
6 HP (4.5 kW)	5.1	2.2	74346	8400	**BG100Z-../DPE11LB4**	343.6	20233	90000	-	-	1224	555
6 HP (4.5 kW)	4.9	1.1	72576	8200	**BG90G50-../DPE11LB4**	360.3	14613	65000	-	-	805	365
6 HP (4.5 kW)	4.6	2.0	82312	9300	**BG100Z-../DPE11LB4**	382.6	20233	90000	-	-	1224	555
6 HP (4.5 kW)	4.1	0.92	88507	10000	**BG90G50-../DPE11LB4**	435.8	14613	65000	-	-	805	365
6 HP (4.5 kW)	3.9	1.7	97358	11000	**BG100Z-../DPE11LB4**	456.7	20233	90000	-	-	1224	555
6 HP (4.5 kW)	3.5	1.5	107979	12200	**BG100Z-../DPE11LB4**	508.5	20233	90000	-	-	1224	555
6 HP (4.5 kW)	3.0	1.3	126566	14300	**BG100Z-../DPE11LB4**	591.1	20233	90000	-	-	1224	555
6 HP (4.5 kW)	2.7	1.15	140727	15900	**BG100Z-../DPE11LB4**	658.1	20233	90000	-	-	1224	555
6 HP (4.5 kW)	2.4	1.05	158428	17900	**BG100Z-../DPE11LB4**	759.0	20233	90000	-	-	1224	555
6 HP (4.5 kW)	2.1	0.91	180555	20400	**BG100Z-../DPE11LB4**	845.1	20233	90000	-	-	1224	555
6 HP (4.5 kW)	1.8	0.83	196487	22200	**BG100G50-../DPE11LB4**	976.1	20233	90000	-	-	1217	552

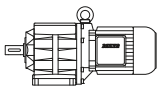
7.5 HP (5.5 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	720	4.3	637	72	**BG50-../DPE13XA4**	2.47	652	2900	-	-	225	102
7.5 HP (5.5 kW)	500	3.3	929	105	**BG50-../DPE13XA4**	3.55	742	3300	-	-	225	102
7.5 HP (5.5 kW)	365	2.8	1266	143	**BG50-../DPE13XA4**	4.91	787	3500	-	-	225	102
7.5 HP (5.5 kW)	295	2.5	1575	178	**BG50-../DPE13XA4**	6.07	1057	4700	-	-	225	102
7.5 HP (5.5 kW)	265	2.3	1752	198	**BG50-../DPE13XA4**	6.74	843	3750	-	-	225	102
7.5 HP (5.5 kW)	205	2.0	2257	255	**BG50-../DPE13XA4**	8.70	1191	5300	-	-	225	102
7.5 HP (5.5 kW)	194	3.3	2390	270	**BG60-../DPE13XA4**	9.13	2203	9800	-	-	300	136
7.5 HP (5.5 kW)	184	1.85	2522	285	**BG50-../DPE13XA4**	9.65	1259	5600	-	-	225	102
7.5 HP (5.5 kW)	175	3.0	2655	300	**BG60-../DPE13XA4**	10.12	2293	10200	-	-	300	136
7.5 HP (5.5 kW)	147	1.6	3142	355	**BG50-../DPE13XA4**	12.06	1281	5700	-	-	225	102
7.5 HP (5.5 kW)	146	2.8	3142	355	**BG60-../DPE13XA4**	12.16	2428	10800	-	-	300	136
7.5 HP (5.5 kW)	133	1.5	3452	390	**BG50-../DPE13XA4**	13.36	1371	6100	-	-	225	102
7.5 HP (5.5 kW)	132	2.6	3496	395	**BG60-../DPE13XA4**	13.47	2518	11200	-	-	300	136
7.5 HP (5.5 kW)	108	1.3	4293	485	**BG50-../DPE13XA4**	16.53	1461	6500	-	-	225	102
7.5 HP (5.5 kW)	106	2.2	4381	495	**BG60-../DPE13XA4**	16.80	2698	12000	-	-	300	136
7.5 HP (5.5 kW)	97	1.15	4779	540	**BG50-../DPE13XA4**	18.33	1619	7200	-	-	225	102
7.5 HP (5.5 kW)	96	2.1	4779	540	**BG60-../DPE13XA4**	18.62	2788	12400	-	-	300	136
7.5 HP (5.5 kW)	81	0.98	5664	640	**BG50-../DPE13XA4**	21.96	1798	8000	-	-	225	102
7.5 HP (5.5 kW)	80	1.85	5753	650	**BG60-../DPE13XA4**	22.40	2990	13300	-	-	300	136
7.5 HP (5.5 kW)	73	0.89	6284	710	**BG50-../DPE13XA4**	24.34	1956	8700	-	-	225	102
7.5 HP (5.5 kW)	72	1.65	6373	720	**BG60-../DPE13XA4**	24.82	3102	13800	-	-	300	136

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

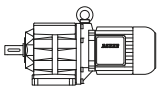
7.5 HP (5.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	66	2.9	6992	790	**BG70-../DPE13XA4**	27.21	3687	16400	-	-	366	166
7.5 HP (5.5 kW)	61	1.4	7612	860	**BG60-../DPE13XA4**	29.31	3327	14800	-	-	300	136
7.5 HP (5.5 kW)	60	2.6	7700	870	**BG70-../DPE13XA4**	29.69	3799	16900	-	-	366	166
7.5 HP (5.5 kW)	55	1.25	8408	950	**BG60-../DPE13XA4**	32.48	3462	15400	-	-	300	136
7.5 HP (5.5 kW)	51	2.3	9028	1020	**BG70-../DPE13XA4**	35.24	4114	18300	-	-	366	166
7.5 HP (5.5 kW)	46	1.05	10090	1140	**BG60-../DPE13XA4**	38.85	3597	16000	-	-	300	136
7.5 HP (5.5 kW)	45.5	2.0	10178	1150	**BG70-../DPE13XA4**	39.22	4294	19100	-	-	366	166
7.5 HP (5.5 kW)	41.5	0.95	11152	1260	**BG60-../DPE13XA4**	43.05	3597	16000	-	-	300	136
7.5 HP (5.5 kW)	40.5	3.3	11417	1290	**BG80-../DPE13XA4**	43.94	5081	22600	-	-	485	220
7.5 HP (5.5 kW)	38.5	1.7	12037	1360	**BG70-../DPE13XA4**	46.54	4496	20000	-	-	366	166
7.5 HP (5.5 kW)	36.5	2.9	12657	1430	**BG80-../DPE13XA4**	48.80	5350	23800	-	-	485	220
7.5 HP (5.5 kW)	35.5	0.82	13011	1470	**BG60-../DPE13XA4**	50.31	3597	16000	-	-	300	136
7.5 HP (5.5 kW)	35.5	1.55	13011	1470	**BG70-../DPE13XA4**	50.40	4496	20000	-	-	366	166
7.5 HP (5.5 kW)	31	2.5	14958	1690	**BG80-../DPE13XA4**	57.24	5710	25400	-	-	485	220
7.5 HP (5.5 kW)	30	1.3	15489	1750	**BG70-../DPE13XA4**	59.82	4496	20000	-	-	366	166
7.5 HP (5.5 kW)	28	2.2	16551	1870	**BG80-../DPE13XA4**	63.56	5845	26000	-	-	485	220
7.5 HP (5.5 kW)	27.5	1.2	16905	1910	**BG70Z-../DPE13XA4**	64.85	4496	20000	-	-	423	192
7.5 HP (5.5 kW)	27	2.2	17170	1940	**BG80Z-../DPE13XA4**	66.40	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	24.5	2.0	18587	2100	**BG80Z-../DPE13XA4**	73.73	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	24	1.05	19029	2150	**BG70Z-../DPE13XA4**	73.82	4496	20000	-	-	423	192
7.5 HP (5.5 kW)	21	1.7	22127	2500	**BG80Z-../DPE13XA4**	84.55	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	20.5	0.9	22569	2550	**BG70Z-../DPE13XA4**	87.61	4496	20000	-	-	423	192
7.5 HP (5.5 kW)	19	1.55	24340	2750	**BG80Z-../DPE13XA4**	93.89	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	18.5	0.82	24782	2800	**BG70Z-../DPE13XA4**	95.74	4496	20000	-	-	423	192
7.5 HP (5.5 kW)	18.5	3.0	24782	2800	**BG90Z-../DPE13XA4**	96.53	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	17	2.8	26995	3050	**BG90Z-../DPE13XA4**	105.7	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	16	1.3	28765	3250	**BG80Z-../DPE13XA4**	112.4	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	14.5	1.15	31863	3600	**BG80Z-../DPE13XA4**	124.8	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	14	2.2	33190	3750	**BG90Z-../DPE13XA4**	127.1	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	13	2.1	35403	4000	**BG90Z-../DPE13XA4**	139.2	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	12.5	1.0	37173	4200	**BG80Z-../DPE13XA4**	145.4	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	11	0.88	42041	4750	**BG80Z-../DPE13XA4**	161.5	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	11	1.75	42041	4750	**BG90Z-../DPE13XA4**	163.0	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	10	1.6	46024	5200	**BG90Z-../DPE13XA4**	178.5	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	10	3.2	46024	5200	**BG100-../DPE13XA4**	178.6	20233	90000	-	-	1060	481
7.5 HP (5.5 kW)	9.0	2.9	51334	5800	**BG100-../DPE13XA4**	198.8	20233	90000	-	-	1060	481
7.5 HP (5.5 kW)	8.5	1.4	53990	6100	**BG90Z-../DPE13XA4**	208.3	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	7.8	1.25	59300	6700	**BG90Z-../DPE13XA4**	228.1	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	7.7	2.5	60185	6800	**BG100-../DPE13XA4**	232.6	20233	90000	-	-	1060	481
7.5 HP (5.5 kW)	6.9	2.2	67266	7600	**BG100-../DPE13XA4**	259.0	20233	90000	-	-	1060	481
7.5 HP (5.5 kW)	6.8	1.3	63725	7200	**BG90G50-../DPE13XA4**	262.5	14613	65000	-	-	840	381
7.5 HP (5.5 kW)	6.6	2.3	69921	7900	**BG100Z-../DPE13XA4**	269.8	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	6.0	1.1	74346	8400	**BG90G50-../DPE13XA4**	298.8	14613	65000	-	-	840	381
7.5 HP (5.5 kW)	5.9	2.1	78772	8900	**BG100Z-../DPE13XA4**	300.4	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	5.2	1.85	89393	10100	**BG100Z-../DPE13XA4**	343.6	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	5.0	0.92	88507	10000	**BG90G50-../DPE13XA4**	360.3	14613	65000	-	-	840	381
7.5 HP (5.5 kW)	4.7	1.65	98243	11100	**BG100Z-../DPE13XA4**	382.6	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	3.9	1.4	118600	13400	**BG100Z-../DPE13XA4**	456.7	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	3.5	1.25	132761	15000	**BG100Z-../DPE13XA4**	508.5	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	3.0	1.05	154888	17500	**BG100Z-../DPE13XA4**	591.1	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	2.7	0.95	171704	19400	**BG100Z-../DPE13XA4**	658.1	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	2.4	0.85	192946	21800	**BG100Z-../DPE13XA4**	759.0	20233	90000	-	-	1261	572

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

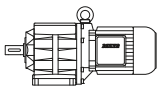
10 HP (7.5 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
10 HP (7.5 kW)	720	3.1	876	99	**BG50-../DPE13XA4**	2.47	652	2900	-	-	225	102
10 HP (7.5 kW)	500	2.4	1266	143	**BG50-../DPE13XA4**	3.55	742	3300	-	-	225	102
10 HP (7.5 kW)	360	2.0	1752	198	**BG50-../DPE13XA4**	4.91	787	3500	-	-	225	102
10 HP (7.5 kW)	295	1.85	2124	240	**BG50-../DPE13XA4**	6.07	1057	4700	-	-	225	102
10 HP (7.5 kW)	290	3.2	2168	245	**BG60-../DPE13XA4**	6.16	1911	8500	-	-	300	136
10 HP (7.5 kW)	265	1.65	2390	270	**BG50-../DPE13XA4**	6.74	843	3750	-	-	225	102
10 HP (7.5 kW)	260	2.8	2434	275	**BG60-../DPE13XA4**	6.88	1933	8600	-	-	300	136
10 HP (7.5 kW)	205	1.45	3054	345	**BG50-../DPE13XA4**	8.70	1191	5300	-	-	225	102
10 HP (7.5 kW)	194	2.4	3231	365	**BG60-../DPE13XA4**	9.13	2203	9800	-	-	300	136
10 HP (7.5 kW)	183	1.35	3452	390	**BG50-../DPE13XA4**	9.65	1259	5600	-	-	225	102
10 HP (7.5 kW)	175	2.3	3585	405	**BG60-../DPE13XA4**	10.12	2293	10200	-	-	300	136
10 HP (7.5 kW)	147	1.2	4293	485	**BG50-../DPE13XA4**	12.06	1281	5700	-	-	225	102
10 HP (7.5 kW)	146	2.0	4337	490	**BG60-../DPE13XA4**	12.16	2428	10800	-	-	300	136
10 HP (7.5 kW)	133	1.1	4691	530	**BG50-../DPE13XA4**	13.36	1371	6100	-	-	225	102
10 HP (7.5 kW)	132	1.9	4779	540	**BG60-../DPE13XA4**	13.47	2518	11200	-	-	300	136
10 HP (7.5 kW)	107	0.95	5841	660	**BG50-../DPE13XA4**	16.53	1461	6500	-	-	225	102
10 HP (7.5 kW)	106	1.65	5930	670	**BG60-../DPE13XA4**	16.80	2698	12000	-	-	300	136
10 HP (7.5 kW)	100	3.2	6284	710	**BG70-../DPE13XA4**	17.68	3012	13400	-	-	366	166
10 HP (7.5 kW)	97	0.86	6461	730	**BG50-../DPE13XA4**	18.33	1619	7200	-	-	225	102
10 HP (7.5 kW)	95	1.55	6638	750	**BG60-../DPE13XA4**	18.62	2788	12400	-	-	300	136
10 HP (7.5 kW)	85	2.7	7435	840	**BG70-../DPE13XA4**	20.98	3282	14600	-	-	366	166
10 HP (7.5 kW)	79	1.35	7966	900	**BG60-../DPE13XA4**	22.40	2990	13300	-	-	300	136
10 HP (7.5 kW)	78	2.5	8054	910	**BG70-../DPE13XA4**	22.92	3395	15100	-	-	366	166
10 HP (7.5 kW)	72	1.2	8762	990	**BG60-../DPE13XA4**	24.82	3102	13800	-	-	300	136
10 HP (7.5 kW)	65	2.1	9736	1100	**BG70-../DPE13XA4**	27.21	3687	16400	-	-	366	166
10 HP (7.5 kW)	61	1.05	10355	1170	**BG60-../DPE13XA4**	29.31	3327	14800	-	-	300	136
10 HP (7.5 kW)	60	1.95	10532	1190	**BG70-../DPE13XA4**	29.69	3799	16900	-	-	366	166
10 HP (7.5 kW)	55	0.92	11506	1300	**BG60-../DPE13XA4**	32.48	3462	15400	-	-	300	136
10 HP (7.5 kW)	52	3.1	12126	1370	**BG80-../DPE13XA4**	34.22	4541	20200	-	-	485	220
10 HP (7.5 kW)	51	1.65	12391	1400	**BG70-../DPE13XA4**	35.24	4114	18300	-	-	366	166
10 HP (7.5 kW)	46.5	2.7	13630	1540	**BG80-../DPE13XA4**	38.00	4788	21300	-	-	485	220
10 HP (7.5 kW)	45.5	1.45	13896	1570	**BG70-../DPE13XA4**	39.22	4294	19100	-	-	366	166
10 HP (7.5 kW)	40.5	2.4	15577	1760	**BG80-../DPE13XA4**	43.94	5081	22600	-	-	485	220
10 HP (7.5 kW)	38	1.2	16639	1880	**BG70-../DPE13XA4**	46.54	4496	20000	-	-	366	166
10 HP (7.5 kW)	36.5	2.1	17347	1960	**BG80-../DPE13XA4**	48.80	5350	23800	-	-	485	220
10 HP (7.5 kW)	35.5	1.15	17701	2000	**BG70-../DPE13XA4**	50.40	4496	20000	-	-	366	166
10 HP (7.5 kW)	31	1.85	20357	2300	**BG80-../DPE13XA4**	57.24	5710	25400	-	-	485	220
10 HP (7.5 kW)	31	3.0	20357	2300	**BG90Z-../DPE13XA4**	57.04	14613	65000	-	-	805	365
10 HP (7.5 kW)	30	0.98	20799	2350	**BG70-../DPE13XA4**	59.82	4496	20000	-	-	366	166
10 HP (7.5 kW)	28.5	3.0	22127	2500	**BG90Z-../DPE13XA4**	62.47	14613	65000	-	-	805	365
10 HP (7.5 kW)	28	1.65	22569	2550	**BG80-../DPE13XA4**	63.56	5845	26000	-	-	485	220
10 HP (7.5 kW)	27.5	0.88	23012	2600	**BG70Z-../DPE13XA4**	64.85	4496	20000	-	-	423	192
10 HP (7.5 kW)	27	1.6	23454	2650	**BG80Z-../DPE13XA4**	66.40	5845	26000	-	-	580	263
10 HP (7.5 kW)	24	1.4	26110	2950	**BG80Z-../DPE13XA4**	73.73	5845	26000	-	-	580	263
10 HP (7.5 kW)	23.5	2.8	26552	3000	**BG90Z-../DPE13XA4**	76.61	14613	65000	-	-	805	365
10 HP (7.5 kW)	21.5	2.5	29207	3300	**BG90Z-../DPE13XA4**	83.91	14613	65000	-	-	805	365
10 HP (7.5 kW)	21	1.25	30093	3400	**BG80Z-../DPE13XA4**	84.55	5845	26000	-	-	580	263
10 HP (7.5 kW)	19	1.1	33190	3750	**BG80Z-../DPE13XA4**	93.89	5845	26000	-	-	580	263
10 HP (7.5 kW)	18.5	2.2	34075	3850	**BG90Z-../DPE13XA4**	96.53	14613	65000	-	-	805	365
10 HP (7.5 kW)	17	2.0	37173	4200	**BG90Z-../DPE13XA4**	105.7	14613	65000	-	-	805	365
10 HP (7.5 kW)	16	0.94	39386	4450	**BG80Z-../DPE13XA4**	112.4	5845	26000	-	-	580	263
10 HP (7.5 kW)	14.5	0.86	43369	4900	**BG80Z-../DPE13XA4**	124.8	5845	26000	-	-	580	263
10 HP (7.5 kW)	14	1.65	45139	5100	**BG90Z-../DPE13XA4**	127.1	14613	65000	-	-	805	365
10 HP (7.5 kW)	13	1.55	48679	5500	**BG90Z-../DPE13XA4**	139.2	14613	65000	-	-	805	365
10 HP (7.5 kW)	13	3.1	48679	5500	**BG100-../DPE13XA4**	139.1	20233	90000	-	-	1060	481
10 HP (7.5 kW)	11.5	2.7	54875	6200	**BG100-../DPE13XA4**	154.8	20233	90000	-	-	1060	481
10 HP (7.5 kW)	11	1.3	57530	6500	**BG90Z-../DPE13XA4**	163.0	14613	65000	-	-	805	365
10 HP (7.5 kW)	9.9	1.15	63725	7200	**BG90Z-../DPE13XA4**	178.5	14613	65000	-	-	805	365

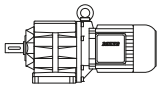
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

10 HP (7.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
10 HP (7.5 kW)	9.9	2.3	63725	7200	**BG100-../DPE13XA4**	178.6	20233	90000	-	-	1060	481
10 HP (7.5 kW)	8.9	2.1	70806	8000	**BG100-../DPE13XA4**	198.8	20233	90000	-	-	1060	481
10 HP (7.5 kW)	8.5	1.0	74346	8400	**BG90Z-../DPE13XA4**	208.3	14613	65000	-	-	805	365
10 HP (7.5 kW)	7.8	0.92	80542	9100	**BG90Z-../DPE13XA4**	228.1	14613	65000	-	-	805	365
10 HP (7.5 kW)	7.6	1.8	83197	9400	**BG100-../DPE13XA4**	232.6	20233	90000	-	-	1060	481
10 HP (7.5 kW)	6.9	1.65	91163	10300	**BG100-../DPE13XA4**	259.0	20233	90000	-	-	1060	481
10 HP (7.5 kW)	6.8	0.91	89393	10100	**BG90G50-../DPE13XA4**	262.5	14613	65000	-	-	840	381
10 HP (7.5 kW)	6.6	1.7	95588	10800	**BG100Z-../DPE13XA4**	269.8	20233	90000	-	-	1261	572
10 HP (7.5 kW)	5.9	1.55	107094	12100	**BG100Z-../DPE13XA4**	300.4	20233	90000	-	-	1261	572
10 HP (7.5 kW)	5.2	1.35	121255	13700	**BG100Z-../DPE13XA4**	343.6	20233	90000	-	-	1261	572
10 HP (7.5 kW)	4.7	1.2	134531	15200	**BG100Z-../DPE13XA4**	382.6	20233	90000	-	-	1261	572
10 HP (7.5 kW)	3.9	1.0	161969	18300	**BG100Z-../DPE13XA4**	456.7	20233	90000	-	-	1261	572
10 HP (7.5 kW)	3.5	0.91	180555	20400	**BG100Z-../DPE13XA4**	508.5	20233	90000	-	-	1261	572

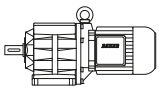
12.75 HP (9.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
12.75 HP (9.5 kW)	730	2.5	1097	124	**BG50-../DPE16LB4**	2.47	652	2900	-	-	304	138
12.75 HP (9.5 kW)	510	1.95	1567	177	**BG50-../DPE16LB4**	3.55	742	3300	-	-	304	138
12.75 HP (9.5 kW)	480	3.2	1673	189	**BG60-../DPE16LB4**	3.74	1596	7100	-	-	379	172
12.75 HP (9.5 kW)	365	1.6	2168	245	**BG50-../DPE16LB4**	4.91	787	3500	-	-	304	138
12.75 HP (9.5 kW)	360	2.8	2213	250	**BG60-../DPE16LB4**	4.98	1754	7800	-	-	379	172
12.75 HP (9.5 kW)	295	1.45	2699	305	**BG50-../DPE16LB4**	6.07	1057	4700	-	-	304	138
12.75 HP (9.5 kW)	290	2.5	2744	310	**BG60-../DPE16LB4**	6.16	1911	8500	-	-	379	172
12.75 HP (9.5 kW)	265	1.3	3009	340	**BG50-../DPE16LB4**	6.74	843	3750	-	-	304	138
12.75 HP (9.5 kW)	260	2.3	3054	345	**BG60-../DPE16LB4**	6.88	1933	8600	-	-	379	172
12.75 HP (9.5 kW)	205	1.15	3894	440	**BG50-../DPE16LB4**	8.70	1191	5300	-	-	304	138
12.75 HP (9.5 kW)	195	1.9	4116	465	**BG60-../DPE16LB4**	9.13	2203	9800	-	-	379	172
12.75 HP (9.5 kW)	185	1.05	4337	490	**BG50-../DPE16LB4**	9.65	1259	5600	-	-	304	138
12.75 HP (9.5 kW)	176	1.8	4514	510	**BG60-../DPE16LB4**	10.12	2293	10200	-	-	379	172
12.75 HP (9.5 kW)	148	0.94	5399	610	**BG50-../DPE16LB4**	12.06	1281	5700	-	-	304	138
12.75 HP (9.5 kW)	147	1.6	5399	610	**BG60-../DPE16LB4**	12.16	2428	10800	-	-	379	172
12.75 HP (9.5 kW)	134	0.89	5930	670	**BG50-../DPE16LB4**	13.36	1371	6100	-	-	304	138
12.75 HP (9.5 kW)	133	1.5	6019	680	**BG60-../DPE16LB4**	13.47	2518	11200	-	-	379	172
12.75 HP (9.5 kW)	115	2.9	6904	780	**BG70-../DPE16LB4**	15.53	2855	12700	-	-	454	206
12.75 HP (9.5 kW)	106	1.3	7523	850	**BG60-../DPE16LB4**	16.80	2698	12000	-	-	379	172
12.75 HP (9.5 kW)	101	2.6	7877	890	**BG70-../DPE16LB4**	17.68	3012	13400	-	-	454	206
12.75 HP (9.5 kW)	96	1.2	8320	940	**BG60-../DPE16LB4**	18.62	2788	12400	-	-	379	172
12.75 HP (9.5 kW)	85	2.2	9382	1060	**BG70-../DPE16LB4**	20.98	3282	14600	-	-	454	206
12.75 HP (9.5 kW)	80	1.05	10001	1130	**BG60-../DPE16LB4**	22.40	2990	13300	-	-	379	172
12.75 HP (9.5 kW)	78	2.0	10267	1160	**BG70-../DPE16LB4**	22.92	3395	15100	-	-	454	206
12.75 HP (9.5 kW)	72	0.95	11152	1260	**BG60-../DPE16LB4**	24.82	3102	13800	-	-	379	172
12.75 HP (9.5 kW)	68	3.2	11771	1330	**BG80-../DPE16LB4**	26.44	4024	17900	-	-	564	256
12.75 HP (9.5 kW)	66	1.7	12126	1370	**BG70-../DPE16LB4**	27.21	3687	16400	-	-	454	206
12.75 HP (9.5 kW)	61	0.81	13099	1480	**BG60-../DPE16LB4**	29.31	3327	14800	-	-	379	172
12.75 HP (9.5 kW)	61	2.8	13099	1480	**BG80-../DPE16LB4**	29.36	4249	18900	-	-	564	256
12.75 HP (9.5 kW)	60	1.5	13365	1510	**BG70-../DPE16LB4**	29.69	3799	16900	-	-	454	206
12.75 HP (9.5 kW)	53	2.5	15135	1710	**BG80-../DPE16LB4**	34.22	4541	20200	-	-	564	256
12.75 HP (9.5 kW)	51	1.3	15666	1770	**BG70-../DPE16LB4**	35.24	4114	18300	-	-	454	206
12.75 HP (9.5 kW)	47	2.2	17082	1930	**BG80-../DPE16LB4**	38.00	4788	21300	-	-	564	256
12.75 HP (9.5 kW)	45.5	1.15	17613	1990	**BG70-../DPE16LB4**	39.22	4294	19100	-	-	454	206

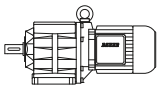
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

12.75 HP (9.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
12.75 HP (9.5 kW)	41	1.9	19472	2200	**BG80-../DPE16LB4**	43.94	5081	22600	-	-	564	256
12.75 HP (9.5 kW)	38.5	0.98	20799	2350	**BG70-../DPE16LB4**	46.54	4496	20000	-	-	454	206
12.75 HP (9.5 kW)	36.5	1.7	21684	2450	**BG80-../DPE16LB4**	48.80	5350	23800	-	-	564	256
12.75 HP (9.5 kW)	35.5	0.9	22569	2550	**BG70-../DPE16LB4**	50.40	4496	20000	-	-	454	206
12.75 HP (9.5 kW)	33.5	3.1	23897	2700	**BG90-../DPE16LB4**	53.46	14613	65000	-	-	763	346
12.75 HP (9.5 kW)	31.5	1.45	25225	2850	**BG80-../DPE16LB4**	57.24	5710	25400	-	-	564	256
12.75 HP (9.5 kW)	31.5	2.4	25225	2850	**BG90Z-../DPE16LB4**	57.04	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	28.5	1.35	27880	3150	**BG80-../DPE16LB4**	63.56	5845	26000	-	-	564	256
12.75 HP (9.5 kW)	28.5	2.4	27880	3150	**BG90Z-../DPE16LB4**	62.47	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	27	1.25	29650	3350	**BG80Z-../DPE16LB4**	66.40	5845	26000	-	-	659	299
12.75 HP (9.5 kW)	24.5	1.15	32748	3700	**BG80Z-../DPE16LB4**	73.73	5845	26000	-	-	659	299
12.75 HP (9.5 kW)	23.5	2.2	34075	3850	**BG90Z-../DPE16LB4**	76.61	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	21.5	1.0	37173	4200	**BG80Z-../DPE16LB4**	84.55	5845	26000	-	-	659	299
12.75 HP (9.5 kW)	21.5	2.0	37173	4200	**BG90Z-../DPE16LB4**	83.91	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	19	0.88	42041	4750	**BG80Z-../DPE16LB4**	93.89	5845	26000	-	-	659	299
12.75 HP (9.5 kW)	18.5	1.7	43369	4900	**BG90Z-../DPE16LB4**	96.53	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	17	1.6	46909	5300	**BG90Z-../DPE16LB4**	105.7	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	17	3.2	46909	5300	**BG100-../DPE16LB4**	107.5	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	15	2.8	53104	6000	**BG100-../DPE16LB4**	119.7	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	14.5	1.35	54875	6200	**BG90Z-../DPE16LB4**	127.1	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	13	1.2	61070	6900	**BG90Z-../DPE16LB4**	139.2	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	13	2.4	61070	6900	**BG100-../DPE16LB4**	139.1	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	11.5	2.2	69036	7800	**BG100-../DPE16LB4**	154.8	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	11	1.0	72576	8200	**BG90Z-../DPE16LB4**	163.0	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	10	0.93	79657	9000	**BG90Z-../DPE16LB4**	178.5	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	10	1.85	79657	9000	**BG100-../DPE16LB4**	178.6	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	9.0	1.7	88507	10000	**BG100-../DPE16LB4**	198.8	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	8.6	0.8	92933	10500	**BG90Z-../DPE16LB4**	208.3	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	8.1	0.84	96473	10900	**BG90G50-../DPE16LB4**	219.9	14613	65000	-	-	919	417
12.75 HP (9.5 kW)	7.7	1.45	103554	11700	**BG100-../DPE16LB4**	232.6	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	6.9	1.3	115945	13100	**BG100-../DPE16LB4**	259.0	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	6.6	1.35	121255	13700	**BG100Z-../DPE16LB4**	269.8	20233	90000	-	-	1340	608
12.75 HP (9.5 kW)	6.0	1.25	133646	15100	**BG100Z-../DPE16LB4**	300.4	20233	90000	-	-	1340	608
12.75 HP (9.5 kW)	5.2	1.05	154003	17400	**BG100Z-../DPE16LB4**	343.6	20233	90000	-	-	1340	608
12.75 HP (9.5 kW)	4.7	0.96	170819	19300	**BG100Z-../DPE16LB4**	382.6	20233	90000	-	-	1340	608
12.75 HP (9.5 kW)	3.9	0.8	205337	23200	**BG100Z-../DPE16LB4**	456.7	20233	90000	-	-	1340	608

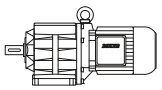
15 HP (11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
15 HP (11 kW)	730	2.1	1266	143	**BG50-../DPE16LB4**	2.47	652	2900	-	-	304	138
15 HP (11 kW)	510	1.7	1814	205	**BG50-../DPE16LB4**	3.55	742	3300	-	-	304	138
15 HP (11 kW)	480	2.8	1903	215	**BG60-../DPE16LB4**	3.74	1596	7100	-	-	379	172
15 HP (11 kW)	365	1.4	2522	285	**BG50-../DPE16LB4**	4.91	787	3500	-	-	304	138
15 HP (11 kW)	360	2.4	2567	290	**BG60-../DPE16LB4**	4.98	1754	7800	-	-	379	172
15 HP (11 kW)	295	1.25	3142	355	**BG50-../DPE16LB4**	6.07	1057	4700	-	-	304	138
15 HP (11 kW)	290	2.1	3186	360	**BG60-../DPE16LB4**	6.16	1911	8500	-	-	379	172
15 HP (11 kW)	265	1.15	3496	395	**BG50-../DPE16LB4**	6.74	843	3750	-	-	304	138
15 HP (11 kW)	260	1.95	3540	400	**BG60-../DPE16LB4**	6.88	1933	8600	-	-	379	172
15 HP (11 kW)	205	1.0	4514	510	**BG50-../DPE16LB4**	8.70	1191	5300	-	-	304	138
15 HP (11 kW)	195	1.7	4691	530	**BG60-../DPE16LB4**	9.13	2203	9800	-	-	379	172

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

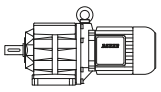
15 HP (11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
15 HP (11 kW)	185	0.94	4956	560	**BG50-../DPE16LB4**	9.65	1259	5600	-	-	304	138
15 HP (11 kW)	176	1.55	5222	590	**BG60-../DPE16LB4**	10.12	2293	10200	-	-	379	172
15 HP (11 kW)	149	3.3	6196	700	**BG70-../DPE16LB4**	11.97	2518	11200	-	-	454	206
15 HP (11 kW)	148	0.82	6196	700	**BG50-../DPE16LB4**	12.06	1281	5700	-	-	304	138
15 HP (11 kW)	147	1.4	6284	710	**BG60-../DPE16LB4**	12.16	2428	10800	-	-	379	172
15 HP (11 kW)	137	3.0	6727	760	**BG70-../DPE16LB4**	13.08	2608	11600	-	-	454	206
15 HP (11 kW)	133	1.3	6904	780	**BG60-../DPE16LB4**	13.47	2518	11200	-	-	379	172
15 HP (11 kW)	115	2.5	8054	910	**BG70-../DPE16LB4**	15.53	2855	12700	-	-	454	206
15 HP (11 kW)	106	1.1	8762	990	**BG60-../DPE16LB4**	16.80	2698	12000	-	-	379	172
15 HP (11 kW)	101	2.2	9205	1040	**BG70-../DPE16LB4**	17.68	3012	13400	-	-	454	206
15 HP (11 kW)	96	1.05	9647	1090	**BG60-../DPE16LB4**	18.62	2788	12400	-	-	379	172
15 HP (11 kW)	85	1.85	10886	1230	**BG70-../DPE16LB4**	20.98	3282	14600	-	-	454	206
15 HP (11 kW)	81	3.3	11417	1290	**BG80-../DPE16LB4**	22.09	3709	16500	-	-	564	256
15 HP (11 kW)	80	0.92	11594	1310	**BG60-../DPE16LB4**	22.40	2990	13300	-	-	379	172
15 HP (11 kW)	78	1.7	11860	1340	**BG70-../DPE16LB4**	22.92	3395	15100	-	-	454	206
15 HP (11 kW)	72	0.83	12834	1450	**BG60-../DPE16LB4**	24.82	3102	13800	-	-	379	172
15 HP (11 kW)	68	2.7	13630	1540	**BG80-../DPE16LB4**	26.44	4024	17900	-	-	564	256
15 HP (11 kW)	66	1.45	14073	1590	**BG70-../DPE16LB4**	27.21	3687	16400	-	-	454	206
15 HP (11 kW)	61	2.4	15223	1720	**BG80-../DPE16LB4**	29.36	4249	18900	-	-	564	256
15 HP (11 kW)	60	1.3	15489	1750	**BG70-../DPE16LB4**	29.69	3799	16900	-	-	454	206
15 HP (11 kW)	53	2.1	17524	1980	**BG80-../DPE16LB4**	34.22	4541	20200	-	-	564	256
15 HP (11 kW)	51	1.1	18144	2050	**BG70-../DPE16LB4**	35.24	4114	18300	-	-	454	206
15 HP (11 kW)	47	1.9	19472	2200	**BG80-../DPE16LB4**	38.00	4788	21300	-	-	564	256
15 HP (11 kW)	45.5	1.0	20357	2300	**BG70-../DPE16LB4**	39.22	4294	19100	-	-	454	206
15 HP (11 kW)	41	1.65	22569	2550	**BG80-../DPE16LB4**	43.94	5081	22600	-	-	564	256
15 HP (11 kW)	38.5	0.85	23897	2700	**BG70-../DPE16LB4**	46.54	4496	20000	-	-	454	206
15 HP (11 kW)	36.5	1.45	25225	2850	**BG80-../DPE16LB4**	48.80	5350	23800	-	-	564	256
15 HP (11 kW)	36.5	2.9	25225	2850	**BG90-../DPE16LB4**	48.82	14613	65000	-	-	763	346
15 HP (11 kW)	33.5	2.7	27437	3100	**BG90-../DPE16LB4**	53.46	14613	65000	-	-	763	346
15 HP (11 kW)	31.5	1.25	29207	3300	**BG80-../DPE16LB4**	57.24	5710	25400	-	-	564	256
15 HP (11 kW)	31.5	2.1	29207	3300	**BG90Z-../DPE16LB4**	57.04	14613	65000	-	-	893	405
15 HP (11 kW)	28.5	1.15	32305	3650	**BG80-../DPE16LB4**	63.56	5845	26000	-	-	564	256
15 HP (11 kW)	28.5	2.1	32305	3650	**BG90Z-../DPE16LB4**	62.47	14613	65000	-	-	893	405
15 HP (11 kW)	27	1.1	34075	3850	**BG80Z-../DPE16LB4**	66.40	5845	26000	-	-	659	299
15 HP (11 kW)	24.5	0.99	37616	4250	**BG80Z-../DPE16LB4**	73.73	5845	26000	-	-	659	299
15 HP (11 kW)	23.5	1.9	39386	4450	**BG90Z-../DPE16LB4**	76.61	14613	65000	-	-	893	405
15 HP (11 kW)	21.5	0.87	42926	4850	**BG80Z-../DPE16LB4**	84.55	5845	26000	-	-	659	299
15 HP (11 kW)	21.5	1.75	42926	4850	**BG90Z-../DPE16LB4**	83.91	14613	65000	-	-	893	405
15 HP (11 kW)	20	3.2	46024	5200	**BG100-../DPE16LB4**	90.02	20233	90000	-	-	1138	516
15 HP (11 kW)	18.5	1.5	49564	5600	**BG90Z-../DPE16LB4**	96.53	14613	65000	-	-	893	405
15 HP (11 kW)	17	1.4	53990	6100	**BG90Z-../DPE16LB4**	105.7	14613	65000	-	-	893	405
15 HP (11 kW)	17	2.8	53990	6100	**BG100-../DPE16LB4**	107.5	20233	90000	-	-	1138	516
15 HP (11 kW)	15	2.4	61955	7000	**BG100-../DPE16LB4**	119.7	20233	90000	-	-	1138	516
15 HP (11 kW)	14.5	1.15	63725	7200	**BG90Z-../DPE16LB4**	127.1	14613	65000	-	-	893	405
15 HP (11 kW)	13	1.05	70806	8000	**BG90Z-../DPE16LB4**	139.2	14613	65000	-	-	893	405
15 HP (11 kW)	13	2.1	70806	8000	**BG100-../DPE16LB4**	139.1	20233	90000	-	-	1138	516
15 HP (11 kW)	11.5	1.85	80542	9100	**BG100-../DPE16LB4**	154.8	20233	90000	-	-	1138	516
15 HP (11 kW)	11	0.88	84082	9500	**BG90Z-../DPE16LB4**	163.0	14613	65000	-	-	893	405
15 HP (11 kW)	10	0.8	92933	10500	**BG90Z-../DPE16LB4**	178.5	14613	65000	-	-	893	405
15 HP (11 kW)	10	1.6	92933	10500	**BG100-../DPE16LB4**	178.6	20233	90000	-	-	1138	516
15 HP (11 kW)	9.0	1.45	102669	11600	**BG100-../DPE16LB4**	198.8	20233	90000	-	-	1138	516
15 HP (11 kW)	7.7	1.25	120370	13600	**BG100-../DPE16LB4**	232.6	20233	90000	-	-	1138	516
15 HP (11 kW)	6.9	1.1	134531	15200	**BG100-../DPE16LB4**	259.0	20233	90000	-	-	1138	516
15 HP (11 kW)	6.6	1.15	140727	15900	**BG100Z-../DPE16LB4**	269.8	20233	90000	-	-	1340	608
15 HP (11 kW)	6.0	1.05	154888	17500	**BG100Z-../DPE16LB4**	300.4	20233	90000	-	-	1340	608
15 HP (11 kW)	5.2	0.92	178785	20200	**BG100Z-../DPE16LB4**	343.6	20233	90000	-	-	1340	608
15 HP (11 kW)	4.7	0.83	197372	22300	**BG100Z-../DPE16LB4**	382.6	20233	90000	-	-	1340	608

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

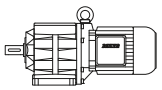
16.8 HP (12.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
16.8 HP (12.5 kW)	720	1.85	1460	165	**BG50-../DPE16LB4**	2.47	652	2900	-	-	304	138
16.8 HP (12.5 kW)	710	3.2	1487	168	**BG60-../DPE16LB4**	2.52	1394	6200	-	-	379	172
16.8 HP (12.5 kW)	500	1.5	2080	235	**BG50-../DPE16LB4**	3.55	742	3300	-	-	304	138
16.8 HP (12.5 kW)	475	2.4	2213	250	**BG60-../DPE16LB4**	3.74	1596	7100	-	-	379	172
16.8 HP (12.5 kW)	365	1.2	2876	325	**BG50-../DPE16LB4**	4.91	787	3500	-	-	304	138
16.8 HP (12.5 kW)	360	2.1	2921	330	**BG60-../DPE16LB4**	4.98	1754	7800	-	-	379	172
16.8 HP (12.5 kW)	295	1.1	3540	400	**BG50-../DPE16LB4**	6.07	1057	4700	-	-	304	138
16.8 HP (12.5 kW)	290	1.9	3629	410	**BG60-../DPE16LB4**	6.16	1911	8500	-	-	379	172
16.8 HP (12.5 kW)	265	1.0	3983	450	**BG50-../DPE16LB4**	6.74	843	3750	-	-	304	138
16.8 HP (12.5 kW)	260	1.7	4027	455	**BG60-../DPE16LB4**	6.88	1933	8600	-	-	379	172
16.8 HP (12.5 kW)	205	0.88	5133	580	**BG50-../DPE16LB4**	8.70	1191	5300	-	-	304	138
16.8 HP (12.5 kW)	194	1.45	5399	610	**BG60-../DPE16LB4**	9.13	2203	9800	-	-	379	172
16.8 HP (12.5 kW)	184	0.82	5664	640	**BG50-../DPE16LB4**	9.65	1259	5600	-	-	304	138
16.8 HP (12.5 kW)	175	1.35	6019	680	**BG60-../DPE16LB4**	10.12	2293	10200	-	-	379	172
16.8 HP (12.5 kW)	148	2.9	7081	800	**BG70-../DPE16LB4**	11.97	2518	11200	-	-	454	206
16.8 HP (12.5 kW)	146	1.2	7169	810	**BG60-../DPE16LB4**	12.16	2428	10800	-	-	379	172
16.8 HP (12.5 kW)	136	2.6	7700	870	**BG70-../DPE16LB4**	13.08	2608	11600	-	-	454	206
16.8 HP (12.5 kW)	132	1.15	7966	900	**BG60-../DPE16LB4**	13.47	2518	11200	-	-	379	172
16.8 HP (12.5 kW)	114	2.2	9205	1040	**BG70-../DPE16LB4**	15.53	2855	12700	-	-	454	206
16.8 HP (12.5 kW)	106	0.99	9913	1120	**BG60-../DPE16LB4**	16.80	2698	12000	-	-	379	172
16.8 HP (12.5 kW)	101	1.95	10444	1180	**BG70-../DPE16LB4**	17.68	3012	13400	-	-	454	206
16.8 HP (12.5 kW)	96	0.92	10975	1240	**BG60-../DPE16LB4**	18.62	2788	12400	-	-	379	172
16.8 HP (12.5 kW)	89	3.1	11860	1340	**BG80-../DPE16LB4**	19.89	3485	15500	-	-	564	256
16.8 HP (12.5 kW)	85	1.65	12391	1400	**BG70-../DPE16LB4**	20.98	3282	14600	-	-	454	206
16.8 HP (12.5 kW)	81	2.9	13011	1470	**BG80-../DPE16LB4**	22.09	3709	16500	-	-	564	256
16.8 HP (12.5 kW)	80	0.81	13188	1490	**BG60-../DPE16LB4**	22.40	2990	13300	-	-	379	172
16.8 HP (12.5 kW)	78	1.5	13542	1530	**BG70-../DPE16LB4**	22.92	3395	15100	-	-	454	206
16.8 HP (12.5 kW)	67	2.4	15754	1780	**BG80-../DPE16LB4**	26.44	4024	17900	-	-	564	256
16.8 HP (12.5 kW)	66	1.3	15931	1800	**BG70-../DPE16LB4**	27.21	3687	16400	-	-	454	206
16.8 HP (12.5 kW)	61	2.2	17259	1950	**BG80-../DPE16LB4**	29.36	4249	18900	-	-	564	256
16.8 HP (12.5 kW)	60	1.15	17524	1980	**BG70-../DPE16LB4**	29.69	3799	16900	-	-	454	206
16.8 HP (12.5 kW)	52	1.85	19914	2250	**BG80-../DPE16LB4**	34.22	4541	20200	-	-	564	256
16.8 HP (12.5 kW)	51	1.0	20357	2300	**BG70-../DPE16LB4**	35.24	4114	18300	-	-	454	206
16.8 HP (12.5 kW)	47	1.7	22127	2500	**BG80-../DPE16LB4**	38.00	4788	21300	-	-	564	256
16.8 HP (12.5 kW)	46.5	3.3	22569	2550	**BG90-../DPE16LB4**	38.21	14613	65000	-	-	763	346
16.8 HP (12.5 kW)	45.5	0.88	23012	2600	**BG70-../DPE16LB4**	39.22	4294	19100	-	-	454	206
16.8 HP (12.5 kW)	42.5	3.0	24782	2800	**BG90-../DPE16LB4**	41.85	14613	65000	-	-	763	346
16.8 HP (12.5 kW)	40.5	1.45	25667	2900	**BG80-../DPE16LB4**	43.94	5081	22600	-	-	564	256
16.8 HP (12.5 kW)	36.5	1.3	28765	3250	**BG80-../DPE16LB4**	48.80	5350	23800	-	-	564	256
16.8 HP (12.5 kW)	36.5	2.6	28765	3250	**BG90-../DPE16LB4**	48.82	14613	65000	-	-	763	346
16.8 HP (12.5 kW)	33.5	2.4	31420	3550	**BG90-../DPE16LB4**	53.46	14613	65000	-	-	763	346
16.8 HP (12.5 kW)	31.5	1.8	33190	3750	**BG90Z-../DPE16LB4**	57.04	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	31	1.1	34075	3850	**BG80-../DPE16LB4**	57.24	5710	25400	-	-	564	256
16.8 HP (12.5 kW)	28.5	1.8	36731	4150	**BG90Z-../DPE16LB4**	62.47	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	28	0.99	37616	4250	**BG80-../DPE16LB4**	63.56	5845	26000	-	-	564	256
16.8 HP (12.5 kW)	27	0.95	38943	4400	**BG80Z-../DPE16LB4**	66.40	5845	26000	-	-	659	299
16.8 HP (12.5 kW)	24.5	0.87	42926	4850	**BG80Z-../DPE16LB4**	73.73	5845	26000	-	-	659	299
16.8 HP (12.5 kW)	23.5	1.7	44254	5000	**BG90Z-../DPE16LB4**	76.61	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	22	3.1	47794	5400	**BG100-../DPE16LB4**	80.85	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	21.5	1.55	48679	5500	**BG90Z-../DPE16LB4**	83.91	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	20	2.8	52219	5900	**BG100-../DPE16LB4**	90.02	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	18.5	1.3	56645	6400	**BG90Z-../DPE16LB4**	96.53	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	17	1.2	61955	7000	**BG90Z-../DPE16LB4**	105.7	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	16.5	2.3	63725	7200	**BG100-../DPE16LB4**	107.5	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	15	2.1	69921	7900	**BG100-../DPE16LB4**	119.7	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	14	0.99	75231	8500	**BG90Z-../DPE16LB4**	127.1	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	13	0.92	80542	9100	**BG90Z-../DPE16LB4**	139.2	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	13	1.85	80542	9100	**BG100-../DPE16LB4**	139.1	20233	90000	-	-	1138	516

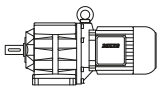
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

16.8 HP (12.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
16.8 HP (12.5 kW)	11.5	1.65	91163	10300	**BG100-../DPE16LB4**	154.8	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	10	1.4	105324	11900	**BG100-../DPE16LB4**	178.6	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	9.0	1.25	116830	13200	**BG100-../DPE16LB4**	198.8	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	7.7	1.1	137187	15500	**BG100-../DPE16LB4**	232.6	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	6.9	0.97	153118	17300	**BG100-../DPE16LB4**	259.0	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	6.6	1.05	159313	18000	**BG100Z-../DPE16LB4**	269.8	20233	90000	-	-	1340	608
16.8 HP (12.5 kW)	5.9	0.92	178785	20200	**BG100Z-../DPE16LB4**	300.4	20233	90000	-	-	1340	608
16.8 HP (12.5 kW)	5.2	0.81	202682	22900	**BG100Z-../DPE16LB4**	343.6	20233	90000	-	-	1340	608

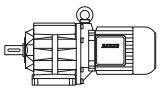
20 HP (15 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
20 HP (15 kW)	730	1.55	1735	196	**BG50-../DPE16XB4**	2.47	652	2900	-	-	326	148
20 HP (15 kW)	710	2.7	1770	200	**BG60-../DPE16XB4**	2.52	1394	6200	-	-	401	182
20 HP (15 kW)	510	1.25	2478	280	**BG50-../DPE16XB4**	3.55	742	3300	-	-	326	148
20 HP (15 kW)	480	2.1	2611	295	**BG60-../DPE16XB4**	3.74	1596	7100	-	-	401	182
20 HP (15 kW)	365	1.0	3452	390	**BG50-../DPE16XB4**	4.91	787	3500	-	-	326	148
20 HP (15 kW)	360	1.75	3496	395	**BG60-../DPE16XB4**	4.98	1754	7800	-	-	401	182
20 HP (15 kW)	295	0.91	4293	485	**BG50-../DPE16XB4**	6.07	1057	4700	-	-	326	148
20 HP (15 kW)	290	1.6	4337	490	**BG60-../DPE16XB4**	6.16	1911	8500	-	-	401	182
20 HP (15 kW)	265	0.83	4779	540	**BG50-../DPE16XB4**	6.74	843	3750	-	-	326	148
20 HP (15 kW)	260	1.4	4868	550	**BG60-../DPE16XB4**	6.88	1933	8600	-	-	401	182
20 HP (15 kW)	195	1.2	6461	730	**BG60-../DPE16XB4**	9.13	2203	9800	-	-	401	182
20 HP (15 kW)	177	2.9	7081	800	**BG70-../DPE16XB4**	10.09	2293	10200	-	-	476	216
20 HP (15 kW)	176	1.15	7169	810	**BG60-../DPE16XB4**	10.12	2293	10200	-	-	401	182
20 HP (15 kW)	149	2.4	8497	960	**BG70-../DPE16XB4**	11.97	2518	11200	-	-	476	216
20 HP (15 kW)	147	1.0	8585	970	**BG60-../DPE16XB4**	12.16	2428	10800	-	-	401	182
20 HP (15 kW)	137	2.2	9205	1040	**BG70-../DPE16XB4**	13.08	2608	11600	-	-	476	216
20 HP (15 kW)	133	0.95	9470	1070	**BG60-../DPE16XB4**	13.47	2518	11200	-	-	401	182
20 HP (15 kW)	115	1.85	10975	1240	**BG70-../DPE16XB4**	15.53	2855	12700	-	-	476	216
20 HP (15 kW)	106	0.82	11949	1350	**BG60-../DPE16XB4**	16.80	2698	12000	-	-	401	182
20 HP (15 kW)	103	3.0	12303	1390	**BG80-../DPE16XB4**	17.35	3282	14600	-	-	586	266
20 HP (15 kW)	101	1.65	12480	1410	**BG70-../DPE16XB4**	17.68	3012	13400	-	-	476	216
20 HP (15 kW)	90	2.6	14073	1590	**BG80-../DPE16XB4**	19.89	3485	15500	-	-	586	266
20 HP (15 kW)	85	1.35	14869	1680	**BG70-../DPE16XB4**	20.98	3282	14600	-	-	476	216
20 HP (15 kW)	81	2.4	15577	1760	**BG80-../DPE16XB4**	22.09	3709	16500	-	-	586	266
20 HP (15 kW)	78	1.25	16197	1830	**BG70-../DPE16XB4**	22.92	3395	15100	-	-	476	216
20 HP (15 kW)	68	2.0	18587	2100	**BG80-../DPE16XB4**	26.44	4024	17900	-	-	586	266
20 HP (15 kW)	66	1.05	19029	2150	**BG70-../DPE16XB4**	27.21	3687	16400	-	-	476	216
20 HP (15 kW)	61	1.85	20357	2300	**BG80-../DPE16XB4**	29.36	4249	18900	-	-	586	266
20 HP (15 kW)	60	0.98	20799	2350	**BG70-../DPE16XB4**	29.69	3799	16900	-	-	476	216
20 HP (15 kW)	55	3.2	23012	2600	**BG90-../DPE16XB4**	32.62	14613	65000	-	-	785	356
20 HP (15 kW)	53	1.55	23897	2700	**BG80-../DPE16XB4**	34.22	4541	20200	-	-	586	266
20 HP (15 kW)	51	0.82	24782	2800	**BG70-../DPE16XB4**	35.24	4114	18300	-	-	476	216
20 HP (15 kW)	47	1.4	26552	3000	**BG80-../DPE16XB4**	38.00	4788	21300	-	-	586	266
20 HP (15 kW)	47	2.8	26552	3000	**BG90-../DPE16XB4**	38.21	14613	65000	-	-	785	356
20 HP (15 kW)	43	2.5	29207	3300	**BG90-../DPE16XB4**	41.85	14613	65000	-	-	785	356
20 HP (15 kW)	41	1.2	30535	3450	**BG80-../DPE16XB4**	43.94	5081	22600	-	-	586	266
20 HP (15 kW)	36.5	1.1	34518	3900	**BG80-../DPE16XB4**	48.80	5350	23800	-	-	586	266
20 HP (15 kW)	36.5	2.2	34518	3900	**BG90-../DPE16XB4**	48.82	14613	65000	-	-	785	356
20 HP (15 kW)	33.5	2.0	37616	4250	**BG90-../DPE16XB4**	53.46	14613	65000	-	-	785	356

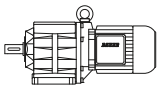
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

20 HP (15 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
20 HP (15 kW)	31.5	0.93	39828	4500	**BG80-../DPE16XB4**	57.24	5710	25400	-	-	586	266
20 HP (15 kW)	31.5	1.5	39828	4500	**BG90Z-../DPE16XB4**	57.04	14613	65000	-	-	915	415
20 HP (15 kW)	28.5	0.84	44254	5000	**BG80-../DPE16XB4**	63.56	5845	26000	-	-	586	266
20 HP (15 kW)	28.5	1.5	44254	5000	**BG90Z-../DPE16XB4**	62.47	14613	65000	-	-	915	415
20 HP (15 kW)	28.5	3.1	44254	5000	**BG100-../DPE16XB4**	63.49	20233	90000	-	-	1160	526
20 HP (15 kW)	25.5	2.8	49564	5600	**BG100-../DPE16XB4**	70.69	20233	90000	-	-	1160	526
20 HP (15 kW)	23.5	1.4	53104	6000	**BG90Z-../DPE16XB4**	76.61	14613	65000	-	-	915	415
20 HP (15 kW)	22.5	2.6	55760	6300	**BG100-../DPE16XB4**	80.85	20233	90000	-	-	1160	526
20 HP (15 kW)	21.5	1.25	58415	6600	**BG90Z-../DPE16XB4**	83.91	14613	65000	-	-	915	415
20 HP (15 kW)	20	2.4	62840	7100	**BG100-../DPE16XB4**	90.02	20233	90000	-	-	1160	526
20 HP (15 kW)	18.5	1.1	68151	7700	**BG90Z-../DPE16XB4**	96.53	14613	65000	-	-	915	415
20 HP (15 kW)	17	1.0	74346	8400	**BG90Z-../DPE16XB4**	105.7	14613	65000	-	-	915	415
20 HP (15 kW)	17	2.0	74346	8400	**BG100-../DPE16XB4**	107.5	20233	90000	-	-	1160	526
20 HP (15 kW)	15	1.75	84082	9500	**BG100-../DPE16XB4**	119.7	20233	90000	-	-	1160	526
20 HP (15 kW)	14.5	0.86	86737	9800	**BG90Z-../DPE16XB4**	127.1	14613	65000	-	-	915	415
20 HP (15 kW)	13	1.55	97358	11000	**BG100-../DPE16XB4**	139.1	20233	90000	-	-	1160	526
20 HP (15 kW)	11.5	1.35	109749	12400	**BG100-../DPE16XB4**	154.8	20233	90000	-	-	1160	526
20 HP (15 kW)	10	1.15	126566	14300	**BG100-../DPE16XB4**	178.6	20233	90000	-	-	1160	526
20 HP (15 kW)	9.0	1.05	140727	15900	**BG100-../DPE16XB4**	198.8	20233	90000	-	-	1160	526
20 HP (15 kW)	7.7	0.9	164624	18600	**BG100-../DPE16XB4**	232.6	20233	90000	-	-	1160	526
20 HP (15 kW)	6.9	0.81	183210	20700	**BG100-../DPE16XB4**	259.0	20233	90000	-	-	1160	526
20 HP (15 kW)	6.6	0.85	192061	21700	**BG100Z-../DPE16XB4**	269.8	20233	90000	-	-	1362	618

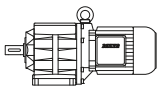
25 HP (18.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
25 HP (18.5 kW)	730	1.3	2124	240	**BG50-../DPE18LB4**	2.47	652	2900	-	-	441	200
25 HP (18.5 kW)	710	2.2	2168	245	**BG60-../DPE18LB4**	2.52	1394	6200	-	-	505	229
25 HP (18.5 kW)	510	1.0	3054	345	**BG50-../DPE18LB4**	3.55	742	3300	-	-	441	200
25 HP (18.5 kW)	480	1.7	3231	365	**BG60-../DPE18LB4**	3.74	1596	7100	-	-	505	229
25 HP (18.5 kW)	365	0.83	4248	480	**BG50-../DPE18LB4**	4.91	787	3500	-	-	441	200
25 HP (18.5 kW)	360	1.4	4337	490	**BG60-../DPE18LB4**	4.98	1754	7800	-	-	505	229
25 HP (18.5 kW)	360	3.1	4337	490	**BG70-../DPE18LB4**	4.95	1551	6900	-	-	567	257
25 HP (18.5 kW)	305	3.1	5045	570	**BG70-../DPE18LB4**	5.87	1843	8200	-	-	567	257
25 HP (18.5 kW)	260	1.15	5930	670	**BG60-../DPE18LB4**	6.88	1933	8600	-	-	505	229
25 HP (18.5 kW)	250	3.1	6196	700	**BG70-../DPE18LB4**	7.14	1978	8800	-	-	567	257
25 HP (18.5 kW)	210	2.7	7435	840	**BG70-../DPE18LB4**	8.48	2136	9500	-	-	567	257
25 HP (18.5 kW)	195	0.99	7966	900	**BG60-../DPE18LB4**	9.13	2203	9800	-	-	505	229
25 HP (18.5 kW)	177	2.3	8762	990	**BG70-../DPE18LB4**	10.09	2293	10200	-	-	567	257
25 HP (18.5 kW)	176	0.91	8851	1000	**BG60-../DPE18LB4**	10.12	2293	10200	-	-	505	229
25 HP (18.5 kW)	149	1.95	10444	1180	**BG70-../DPE18LB4**	11.97	2518	11200	-	-	567	257
25 HP (18.5 kW)	147	0.82	10621	1200	**BG60-../DPE18LB4**	12.16	2428	10800	-	-	505	229
25 HP (18.5 kW)	137	1.8	11329	1280	**BG70-../DPE18LB4**	13.08	2608	11600	-	-	567	257
25 HP (18.5 kW)	115	1.5	13542	1530	**BG70-../DPE18LB4**	15.53	2855	12700	-	-	567	257
25 HP (18.5 kW)	114	2.7	13630	1540	**BG80-../DPE18LB4**	15.62	3080	13700	-	-	686	311
25 HP (18.5 kW)	103	2.5	15135	1710	**BG80-../DPE18LB4**	17.35	3282	14600	-	-	686	311
25 HP (18.5 kW)	101	1.3	15400	1740	**BG70-../DPE18LB4**	17.68	3012	13400	-	-	567	257
25 HP (18.5 kW)	90	2.1	17347	1960	**BG80-../DPE18LB4**	19.89	3485	15500	-	-	686	311
25 HP (18.5 kW)	85	1.1	18144	2050	**BG70-../DPE18LB4**	20.98	3282	14600	-	-	567	257
25 HP (18.5 kW)	81	1.95	19029	2150	**BG80-../DPE18LB4**	22.09	3709	16500	-	-	686	311
25 HP (18.5 kW)	78	1.0	19914	2250	**BG70-../DPE18LB4**	22.92	3395	15100	-	-	567	257

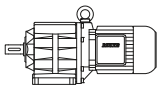
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

25 HP (18.5 kW)



P_N			Output Torque				Permissible Overhung Load Standard Bearings		Permissible Overhung Load Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
25 HP (18.5 kW)	68	1.65	22569	2550	**BG80-../DPE18LB4**	26.44	4024	17900	-	-	686	311
25 HP (18.5 kW)	66	0.87	23454	2650	**BG70-../DPE18LB4**	27.21	3687	16400	-	-	567	257
25 HP (18.5 kW)	61	1.45	25225	2850	**BG80-../DPE18LB4**	29.36	4249	18900	-	-	686	311
25 HP (18.5 kW)	60	2.9	25667	2900	**BG90-../DPE18LB4**	29.78	14613	65000	-	-	886	402
25 HP (18.5 kW)	55	2.6	28322	3200	**BG90-../DPE18LB4**	32.62	14613	65000	-	-	886	402
25 HP (18.5 kW)	53	1.25	29207	3300	**BG80-../DPE18LB4**	34.22	4541	20200	-	-	686	311
25 HP (18.5 kW)	47	1.1	33190	3750	**BG80-../DPE18LB4**	38.00	4788	21300	-	-	686	311
25 HP (18.5 kW)	47	2.2	33190	3750	**BG90-../DPE18LB4**	38.21	14613	65000	-	-	886	402
25 HP (18.5 kW)	43	2.0	36288	4100	**BG90-../DPE18LB4**	41.85	14613	65000	-	-	886	402
25 HP (18.5 kW)	41	0.98	38058	4300	**BG80-../DPE18LB4**	43.94	5081	22600	-	-	686	311
25 HP (18.5 kW)	38.5	3.1	40271	4550	**BG100-../DPE18LB4**	46.43	20233	90000	-	-	1261	572
25 HP (18.5 kW)	36.5	0.88	42484	4800	**BG80-../DPE18LB4**	48.80	5350	23800	-	-	686	311
25 HP (18.5 kW)	36.5	1.75	42484	4800	**BG90-../DPE18LB4**	48.82	14613	65000	-	-	886	402
25 HP (18.5 kW)	34.5	2.8	45139	5100	**BG100-../DPE18LB4**	51.70	20233	90000	-	-	1261	572
25 HP (18.5 kW)	33.5	1.6	46024	5200	**BG90-../DPE18LB4**	53.46	14613	65000	-	-	886	402
25 HP (18.5 kW)	31.5	1.2	49564	5600	**BG90Z-../DPE18LB4**	57.04	14613	65000	-	-	1005	456
25 HP (18.5 kW)	28.5	1.25	53990	6100	**BG90Z-../DPE18LB4**	62.47	14613	65000	-	-	1005	456
25 HP (18.5 kW)	28.5	2.5	53990	6100	**BG100-../DPE18LB4**	63.49	20233	90000	-	-	1261	572
25 HP (18.5 kW)	25.5	2.3	61070	6900	**BG100-../DPE18LB4**	70.69	20233	90000	-	-	1261	572
25 HP (18.5 kW)	23.5	1.1	66381	7500	**BG90Z-../DPE18LB4**	76.61	14613	65000	-	-	1005	456
25 HP (18.5 kW)	22.5	2.1	69036	7800	**BG100-../DPE18LB4**	80.85	20233	90000	-	-	1261	572
25 HP (18.5 kW)	21.5	1.0	72576	8200	**BG90Z-../DPE18LB4**	83.91	14613	65000	-	-	1005	456
25 HP (18.5 kW)	20	1.9	77887	8800	**BG100-../DPE18LB4**	90.02	20233	90000	-	-	1261	572
25 HP (18.5 kW)	18.5	0.88	84082	9500	**BG90Z-../DPE18LB4**	96.53	14613	65000	-	-	1005	456
25 HP (18.5 kW)	17	0.82	91163	10300	**BG90Z-../DPE18LB4**	105.7	14613	65000	-	-	1005	456
25 HP (18.5 kW)	17	1.65	91163	10300	**BG100-../DPE18LB4**	107.5	20233	90000	-	-	1261	572
25 HP (18.5 kW)	15	1.45	103554	11700	**BG100-../DPE18LB4**	119.7	20233	90000	-	-	1261	572
25 HP (18.5 kW)	13	1.25	119485	13500	**BG100-../DPE18LB4**	139.1	20233	90000	-	-	1261	572
25 HP (18.5 kW)	11.5	1.1	135416	15300	**BG100-../DPE18LB4**	154.8	20233	90000	-	-	1261	572
25 HP (18.5 kW)	10	0.95	155773	17600	**BG100-../DPE18LB4**	178.6	20233	90000	-	-	1261	572
25 HP (18.5 kW)	9.0	0.86	173475	19600	**BG100-../DPE18LB4**	198.8	20233	90000	-	-	1261	572

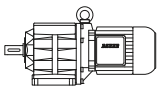
30 HP (22 kW)



P_N			Output Torque				Permissible Overhung Load Standard Bearings		Permissible Overhung Load Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
30 HP (22 kW)	360	2.6	5133	580	**BG70-../DPE18XB4**	4.95	1551	6900	-	-	606	275
30 HP (22 kW)	305	2.6	6019	680	**BG70-../DPE18XB4**	5.87	1843	8200	-	-	606	275
30 HP (22 kW)	250	2.6	7435	840	**BG70-../DPE18XB4**	7.14	1978	8800	-	-	606	275
30 HP (22 kW)	210	2.3	8851	1000	**BG70-../DPE18XB4**	8.48	2136	9500	-	-	606	275
30 HP (22 kW)	177	1.95	10444	1180	**BG70-../DPE18XB4**	10.09	2293	10200	-	-	606	275
30 HP (22 kW)	156	3.1	11860	1340	**BG80-../DPE18XB4**	11.43	2608	11600	-	-	725	329
30 HP (22 kW)	149	1.65	12480	1410	**BG70-../DPE18XB4**	11.97	2518	11200	-	-	606	275
30 HP (22 kW)	141	2.8	13188	1490	**BG80-../DPE18XB4**	12.69	2788	12400	-	-	725	329
30 HP (22 kW)	137	1.5	13542	1530	**BG70-../DPE18XB4**	13.08	2608	11600	-	-	606	275
30 HP (22 kW)	115	1.25	16108	1820	**BG70-../DPE18XB4**	15.53	2855	12700	-	-	606	275
30 HP (22 kW)	114	2.3	16285	1840	**BG80-../DPE18XB4**	15.62	3080	13700	-	-	725	329
30 HP (22 kW)	103	2.1	17701	2000	**BG80-../DPE18XB4**	17.35	3282	14600	-	-	725	329
30 HP (22 kW)	101	1.1	18144	2050	**BG70-../DPE18XB4**	17.68	3012	13400	-	-	606	275
30 HP (22 kW)	90	1.85	20357	2300	**BG80-../DPE18XB4**	19.89	3485	15500	-	-	725	329
30 HP (22 kW)	85	0.94	21684	2450	**BG70-../DPE18XB4**	20.98	3282	14600	-	-	606	275
30 HP (22 kW)	81	1.65	22569	2550	**BG80-../DPE18XB4**	22.09	3709	16500	-	-	725	329

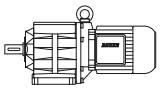
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

30 HP (22 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
30 HP (22 kW)	79	3.2	23454	2650	**BG90-../DPE18XB4**	22.62	14613	65000	-	-	926	420
30 HP (22 kW)	78	0.87	23454	2650	**BG70-../DPE18XB4**	22.92	3395	15100	-	-	606	275
30 HP (22 kW)	72	2.9	25667	2900	**BG90-../DPE18XB4**	24.78	14613	65000	-	-	926	420
30 HP (22 kW)	68	1.4	26995	3050	**BG80-../DPE18XB4**	26.44	4024	17900	-	-	725	329
30 HP (22 kW)	61	1.25	30093	3400	**BG80-../DPE18XB4**	29.36	4249	18900	-	-	725	329
30 HP (22 kW)	60	2.4	30978	3500	**BG90-../DPE18XB4**	29.78	14613	65000	-	-	926	420
30 HP (22 kW)	55	2.2	33633	3800	**BG90-../DPE18XB4**	32.62	14613	65000	-	-	926	420
30 HP (22 kW)	53	1.05	34960	3950	**BG80-../DPE18XB4**	34.22	4541	20200	-	-	725	329
30 HP (22 kW)	53	3.3	34960	3950	**BG100-../DPE18XB4**	33.71	19896	88500	-	-	1301	590
30 HP (22 kW)	47.5	3.0	38943	4400	**BG100-../DPE18XB4**	37.54	20233	90000	-	-	1301	590
30 HP (22 kW)	47	0.94	39386	4450	**BG80-../DPE18XB4**	38.00	4788	21300	-	-	725	329
30 HP (22 kW)	47	1.9	39386	4450	**BG90-../DPE18XB4**	38.21	14613	65000	-	-	926	420
30 HP (22 kW)	43	1.75	42926	4850	**BG90-../DPE18XB4**	41.85	14613	65000	-	-	926	420
30 HP (22 kW)	41	0.82	45139	5100	**BG80-../DPE18XB4**	43.94	5081	22600	-	-	725	329
30 HP (22 kW)	38.5	2.6	47794	5400	**BG100-../DPE18XB4**	46.43	20233	90000	-	-	1301	590
30 HP (22 kW)	36.5	1.45	50449	5700	**BG90-../DPE18XB4**	48.82	14613	65000	-	-	926	420
30 HP (22 kW)	34.5	2.4	53104	6000	**BG100-../DPE18XB4**	51.70	20233	90000	-	-	1301	590
30 HP (22 kW)	33.5	1.35	54875	6200	**BG90-../DPE18XB4**	53.46	14613	65000	-	-	926	420
30 HP (22 kW)	31.5	1.05	58415	6600	**BG90Z-../DPE18XB4**	57.04	14613	65000	-	-	1045	474
30 HP (22 kW)	28.5	1.05	64610	7300	**BG90Z-../DPE18XB4**	62.47	14613	65000	-	-	1045	474
30 HP (22 kW)	28.5	2.1	64610	7300	**BG100-../DPE18XB4**	63.49	20233	90000	-	-	1301	590
30 HP (22 kW)	25.5	1.95	72576	8200	**BG100-../DPE18XB4**	70.69	20233	90000	-	-	1301	590
30 HP (22 kW)	23.5	0.94	78772	8900	**BG90Z-../DPE18XB4**	76.61	14613	65000	-	-	1045	474
30 HP (22 kW)	22.5	1.8	82312	9300	**BG100-../DPE18XB4**	80.85	20233	90000	-	-	1301	590
30 HP (22 kW)	21.5	0.87	85852	9700	**BG90Z-../DPE18XB4**	83.91	14613	65000	-	-	1045	474
30 HP (22 kW)	20	1.6	92933	10500	**BG100-../DPE18XB4**	90.02	20233	90000	-	-	1301	590
30 HP (22 kW)	17	1.35	108864	12300	**BG100-../DPE18XB4**	107.5	20233	90000	-	-	1301	590
30 HP (22 kW)	15	1.2	123910	14000	**BG100-../DPE18XB4**	119.7	20233	90000	-	-	1301	590
30 HP (22 kW)	13	1.05	142497	16100	**BG100-../DPE18XB4**	139.1	20233	90000	-	-	1301	590
30 HP (22 kW)	11.5	0.92	161084	18200	**BG100-../DPE18XB4**	154.8	20233	90000	-	-	1301	590
30 HP (22 kW)	10	0.8	185866	21000	**BG100-../DPE18XB4**	178.6	20233	90000	-	-	1301	590

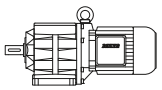
40 HP (30 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
40 HP (30 kW)	365	1.9	6904	780	**BG70-../DPE20XA4**	4.95	1551	6900	-	-	948	430
40 HP (30 kW)	305	1.9	8231	930	**BG70-../DPE20XA4**	5.87	1843	8200	-	-	948	430
40 HP (30 kW)	305	2.8	8231	930	**BG80-../DPE20XA4**	5.94	1866	8300	-	-	1063	482
40 HP (30 kW)	275	2.8	9205	1040	**BG80-../DPE20XA4**	6.60	2046	9100	-	-	1063	482
40 HP (30 kW)	250	1.9	10090	1140	**BG70-../DPE20XA4**	7.14	1978	8800	-	-	948	430
40 HP (30 kW)	220	2.9	11506	1300	**BG80-../DPE20XA4**	8.30	2338	10400	-	-	1063	482
40 HP (30 kW)	215	1.7	11771	1330	**BG70-../DPE20XA4**	8.48	2136	9500	-	-	948	430
40 HP (30 kW)	194	2.7	13011	1470	**BG80-../DPE20XA4**	9.21	2428	10800	-	-	1063	482
40 HP (30 kW)	177	1.45	14250	1610	**BG70-../DPE20XA4**	10.09	2293	10200	-	-	948	430
40 HP (30 kW)	157	2.3	16108	1820	**BG80-../DPE20XA4**	11.43	2608	11600	-	-	1063	482
40 HP (30 kW)	150	1.2	16905	1910	**BG70-../DPE20XA4**	11.97	2518	11200	-	-	948	430
40 HP (30 kW)	141	2.1	17701	2000	**BG80-../DPE20XA4**	12.69	2788	12400	-	-	1063	482
40 HP (30 kW)	137	1.1	18144	2050	**BG70-../DPE20XA4**	13.08	2608	11600	-	-	948	430
40 HP (30 kW)	115	0.94	21684	2450	**BG70-../DPE20XA4**	15.53	2855	12700	-	-	948	430
40 HP (30 kW)	115	1.7	21684	2450	**BG80-../DPE20XA4**	15.62	3080	13700	-	-	1063	482
40 HP (30 kW)	103	1.55	24340	2750	**BG80-../DPE20XA4**	17.35	3282	14600	-	-	1063	482

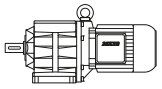
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

40 HP (30 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
40 HP (30 kW)	101	0.82	24782	2800	**BG70-../DPE20XA4**	17.68	3012	13400	-	-	948	430
40 HP (30 kW)	100	2.9	25225	2850	**BG90-../DPE20XA4**	17.96	13444	59800	-	-	1265	574
40 HP (30 kW)	91	2.7	27437	3100	**BG90-../DPE20XA4**	19.67	14028	62400	-	-	1265	574
40 HP (30 kW)	90	1.35	27880	3150	**BG80-../DPE20XA4**	19.89	3485	15500	-	-	1063	482
40 HP (30 kW)	81	1.2	30978	3500	**BG80-../DPE20XA4**	22.09	3709	16500	-	-	1063	482
40 HP (30 kW)	79	2.3	31863	3600	**BG90-../DPE20XA4**	22.62	14613	65000	-	-	1265	574
40 HP (30 kW)	75	3.0	33633	3800	**BG100-../DPE20XA4**	23.95	19761	87900	-	-	1638	743
40 HP (30 kW)	73	2.2	34518	3900	**BG90-../DPE20XA4**	24.78	14613	65000	-	-	1265	574
40 HP (30 kW)	68	1.0	37173	4200	**BG80-../DPE20XA4**	26.44	4024	17900	-	-	1063	482
40 HP (30 kW)	61	0.9	41156	4650	**BG80-../DPE20XA4**	29.36	4249	18900	-	-	1063	482
40 HP (30 kW)	60	1.75	42041	4750	**BG90-../DPE20XA4**	29.78	14613	65000	-	-	1265	574
40 HP (30 kW)	55	1.6	46024	5200	**BG90-../DPE20XA4**	32.62	14613	65000	-	-	1265	574
40 HP (30 kW)	53	2.4	47794	5400	**BG100-../DPE20XA4**	33.71	19896	88500	-	-	1638	743
40 HP (30 kW)	48	2.2	52219	5900	**BG100-../DPE20XA4**	37.54	20233	90000	-	-	1638	743
40 HP (30 kW)	47	1.4	53104	6000	**BG90-../DPE20XA4**	38.21	14613	65000	-	-	1265	574
40 HP (30 kW)	43	1.25	58415	6600	**BG90-../DPE20XA4**	41.85	14613	65000	-	-	1265	574
40 HP (30 kW)	38.5	1.9	65496	7400	**BG100-../DPE20XA4**	46.43	20233	90000	-	-	1638	743
40 HP (30 kW)	37	1.1	68151	7700	**BG90-../DPE20XA4**	48.82	14613	65000	-	-	1265	574
40 HP (30 kW)	35	1.8	71691	8100	**BG100-../DPE20XA4**	51.70	20233	90000	-	-	1638	743
40 HP (30 kW)	33.5	0.99	75231	8500	**BG90-../DPE20XA4**	53.46	14613	65000	-	-	1265	574
40 HP (30 kW)	28.5	1.55	88507	10000	**BG100-../DPE20XA4**	63.49	20233	90000	-	-	1638	743
40 HP (30 kW)	25.5	1.4	99128	11200	**BG100-../DPE20XA4**	70.69	20233	90000	-	-	1638	743
40 HP (30 kW)	22.5	1.3	112404	12700	**BG100-../DPE20XA4**	80.85	20233	90000	-	-	1638	743
40 HP (30 kW)	20	1.15	126566	14300	**BG100-../DPE20XA4**	90.02	20233	90000	-	-	1638	743
40 HP (30 kW)	17	1.0	148693	16800	**BG100-../DPE20XA4**	107.5	20233	90000	-	-	1638	743
40 HP (30 kW)	15	0.88	169049	19100	**BG100-../DPE20XA4**	119.7	20233	90000	-	-	1638	743

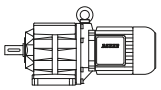
50 HP (37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
50 HP (37 kW)	360	1.55	8674	980	**BG70-../DPE22MA4**	4.95	1551	6900	-	-	1071	486
50 HP (37 kW)	305	1.55	10178	1150	**BG70-../DPE22MA4**	5.87	1843	8200	-	-	1071	486
50 HP (37 kW)	300	2.3	10355	1170	**BG80-../DPE22MA4**	5.94	1866	8300	-	-	1186	538
50 HP (37 kW)	270	2.3	11506	1300	**BG80-../DPE22MA4**	6.60	2046	9100	-	-	1186	538
50 HP (37 kW)	250	1.55	12480	1410	**BG70-../DPE22MA4**	7.14	1978	8800	-	-	1071	486
50 HP (37 kW)	215	2.3	14515	1640	**BG80-../DPE22MA4**	8.30	2338	10400	-	-	1186	538
50 HP (37 kW)	210	1.35	14869	1680	**BG70-../DPE22MA4**	8.48	2136	9500	-	-	1071	486
50 HP (37 kW)	194	2.2	16108	1820	**BG80-../DPE22MA4**	9.21	2428	10800	-	-	1186	538
50 HP (37 kW)	177	1.15	17613	1990	**BG70-../DPE22MA4**	10.09	2293	10200	-	-	1071	486
50 HP (37 kW)	164	3.3	19029	2150	**BG90-../DPE22MA4**	10.90	11758	52300	-	-	1389	630
50 HP (37 kW)	156	1.85	19914	2250	**BG80-../DPE22MA4**	11.43	2608	11600	-	-	1186	538
50 HP (37 kW)	143	3.0	21684	2450	**BG100-../DPE22MA4**	12.45	16209	72100	-	-	1761	799
50 HP (37 kW)	141	1.7	22127	2500	**BG80-../DPE22MA4**	12.69	2788	12400	-	-	1186	538
50 HP (37 kW)	134	2.9	23012	2600	**BG90-../DPE22MA4**	13.37	12364	55000	-	-	1389	630
50 HP (37 kW)	122	2.7	25225	2850	**BG90-../DPE22MA4**	14.64	12814	57000	-	-	1389	630
50 HP (37 kW)	114	1.4	26995	3050	**BG80-../DPE22MA4**	15.62	3080	13700	-	-	1186	538
50 HP (37 kW)	103	1.25	30093	3400	**BG80-../DPE22MA4**	17.35	3282	14600	-	-	1186	538
50 HP (37 kW)	103	3.0	30093	3400	**BG100-../DPE22MA4**	17.39	18524	82400	-	-	1761	799
50 HP (37 kW)	100	2.4	30978	3500	**BG90-../DPE22MA4**	17.96	13444	59800	-	-	1389	630
50 HP (37 kW)	91	2.2	34075	3850	**BG90-../DPE22MA4**	19.67	14028	62400	-	-	1389	630
50 HP (37 kW)	90	1.1	34518	3900	**BG80-../DPE22MA4**	19.89	3485	15500	-	-	1186	538

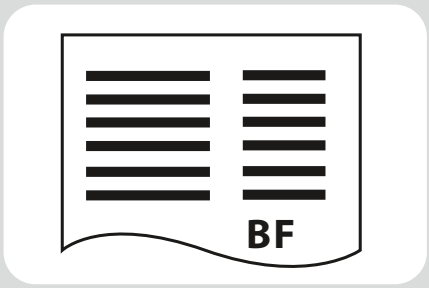
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

50 HP (37 kW)



P_N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
50 HP (37 kW)	79	1.9	39386	4450	**BG90-../DPE22MA4**	22.62	14613	65000	-	-	1389	630
50 HP (37 kW)	75	2.4	41599	4700	**BG100-../DPE22MA4**	23.95	19761	87900	-	-	1761	799
50 HP (37 kW)	72	1.7	43369	4900	**BG90-../DPE22MA4**	24.78	14613	65000	-	-	1389	630
50 HP (37 kW)	60	1.45	51334	5800	**BG90-../DPE22MA4**	29.78	14613	65000	-	-	1389	630
50 HP (37 kW)	55	1.3	56645	6400	**BG90-../DPE22MA4**	32.62	14613	65000	-	-	1389	630
50 HP (37 kW)	53	1.95	58415	6600	**BG100-../DPE22MA4**	33.71	19896	88500	-	-	1761	799
50 HP (37 kW)	47.5	1.8	65496	7400	**BG100-../DPE22MA4**	37.54	20233	90000	-	-	1761	799
50 HP (37 kW)	47	1.1	66381	7500	**BG90-../DPE22MA4**	38.21	14613	65000	-	-	1389	630
50 HP (37 kW)	43	1.0	72576	8200	**BG90-../DPE22MA4**	41.85	14613	65000	-	-	1389	630
50 HP (37 kW)	38.5	1.55	80542	9100	**BG100-../DPE22MA4**	46.43	20233	90000	-	-	1761	799
50 HP (37 kW)	34.5	1.4	90278	10200	**BG100-../DPE22MA4**	51.70	20233	90000	-	-	1761	799
50 HP (37 kW)	28.5	1.25	108864	12300	**BG100-../DPE22MA4**	63.49	20233	90000	-	-	1761	799
50 HP (37 kW)	25.5	1.15	122140	13800	**BG100-../DPE22MA4**	70.69	20233	90000	-	-	1761	799
50 HP (37 kW)	22.5	1.05	138957	15700	**BG100-../DPE22MA4**	80.85	20233	90000	-	-	1761	799

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.



7

BF-series shaft-mounted geared motors - Selection

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Selection - shaft-mounted geared motors **149**

Sizes

Bauer BF-series shaft-mounted geared motors are normally supplied in ten frame sizes and with torques of 90 to 18,500 Nm. Higher torques are available on request. The gear unit is accommodated in a sturdy cast housing

Bauer service factors (f_B) for shaft-mounted geared motors

Of the numerous factors influencing the total loading of a gear unit, the most important include:

- Mean torque (rated torque)
- Daily operating hours
- Severity of torque peaks (shock classification)
- Frequency of torque peaks (switching duty)

These factors can be represented in a simplified and practical manner by **service factors**. The tables and explanations below attempt to provide an objective description of the **shock classification**, rather than a classification of the driven machinery. Experience has shown that, in addition to the torque shocks caused by the driven machinery (M_x/M_N), above all the power transmission components (clutches, chains etc.) plus the mass ratios play a decisive role in this.

See Bauer special imprint SD32 for more information.

Continuous operation without switching frequency Z ≤1/h

Factor f_1 for shock classification and operating time

Shock classification	Operating hours per day t_d	>4 h ≤8 h	>8 h ≤16 h	>16 h ≤24 h
I		0.8	1.0	1.2
II		1.05	1.25	1.45
III		1.45	1.55	1.7

Switching duty

Factor f_2 for shock classification and switching frequency

Switching frequency in single- shift operation t_d ≤8 h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	0.95	1.1	1.15
II	1.2	1.35	1.4
III	1.55	1.6	1.6

Switching frequency in multiple- shift operation t_d >8 h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	1.3	1.45	1.5
II	1.5	1.6	1.65
III	1.75	1.8	1.8

Bauer service factor

Bauer Service factor $f_B = f_1$ or $f_B = f_2$

For example: Shock classification II for Z = 100 switching operations per hour and multiple-shift operation yields a service factor $f_B = f_2 = 1.5$

Explanation of shock classification

Shock classification I:
Uniform without shock loads. All the following requirements must be satisfied:
- FI ≤1.3
- M_x/M_N ≤1.0
- Shock-absorbing power transmission components (e.g. highly resilient, zero-play coupling, φ N ≥5°)

Shock classification II:
Moderate shock loads. At least one of the following conditions applies:
- 1.3 <FI ≤4
- 1 <M_x/M_N ≤1.6
- Shock-neutral power transmission components (e.g. gear wheels, zero- play rigid coupling or resilient coupling with φ N <5°)

Shock classification III:
Heavy shock loads. At least one of the following conditions applies:
- FI >4
- 1.6 <M_x/M_N ≤2.0
- Shock-amplifying power transmission components (e.g. coupling with play or chain drive)

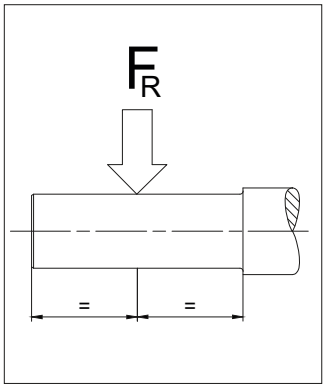
Key to abbreviations

Z	Switching duty number of switching operations per hour
t_d	Daily operating time in hours (h/d)
FI	Factor of inertia FI = (J_{ext} + J_{rot})/J_{rot}
J_{ext}	Mass moment of inertia of the machine to be driven, in relation to the motor's rotor shaft (kgm²)
J_{rot}	Mass moment of inertia of the motor rotor (kgm²)
M_x	Highest impact torque above the static torque which can occur during normal operation or in emergency situations
M_N	Required static load torque for the application
M_x/M_N	Relative torque - Factor
φ_N	Torsional offset of the resilient coupling under rated torque

Selection tables, shaft-mounted geared motors

Key to abbreviations

P	Rated output
n_2	Rated speed of the output shaft
i	Gear reduction ratio
M_2	Rated torque at the output shaft
f_B	Bauer service factor
F_{RN}	Maximum permissible radial force with normal bearings
F_{RV}	Maximum permissible radial force with reinforced bearings in each case with standard solid shaft (Code -.1 und -.2)

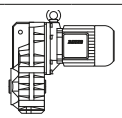


Use the selection tables to determine the size of geared motor required. The codes clearly define the Type of gear unit and output shaft (see chapter 11 „dimensional drawings shaft-mounted gear motors").

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

Motor power overload protection
Motor-power ratings, particularly in conjunction with four-stage and multi-stage gear units, are more than ample in some instances. Consequently, and in much the same way as with low-power motors, rated current is not a measure of gear loading and cannot be used to protect the gear unit against overloading. It is advisable to provide gears at risk from excessive load or blockage with a protective mechanism (e. g., sliding clutch, sliding hub, shear pin or an alternative).

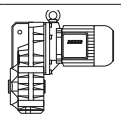
0.075 HP (0.055 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.075 HP (0.055 kW)	11	5.1	420	47.5	**BF10Z-../D04LA4**	151.2	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	9.8	4.5	469	53	**BF10Z-../D04LA4**	166.2	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	9.0	4.1	513	58	**BF10Z-../D04LA4**	180.1	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	8.2	3.8	566	64	**BF10Z-../D04LA4**	198.0	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	7.6	3.5	611	69	**BF10Z-../D04LA4**	214.5	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	6.9	3.2	673	76	**BF10Z-../D04LA4**	235.8	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	6.3	2.9	735	83	**BF10Z-../D04LA4**	257.4	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	5.8	2.7	797	90	**BF10Z-../D04LA4**	283.1	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	5.0	2.3	929	105	**BF10Z-../D04LA4**	324.3	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	4.6	2.1	1009	114	**BF10Z-../D04LA4**	356.6	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	4.3	1.95	1080	122	**BF10Z-../D04LA4**	380.2	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	3.9	1.8	1186	134	**BF10Z-../D04LA4**	418.0	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	3.9	3.1	1186	134	**BF20Z-../D04LA4**	418.1	1776	7900	-	-	62	28
0.075 HP (0.055 kW)	3.6	2.9	1283	145	**BF20Z-../D04LA4**	460.0	1776	7900	-	-	62	28
0.075 HP (0.055 kW)	3.5	1.6	1328	150	**BF10Z-../D04LA4**	469.5	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	3.1	1.4	1496	169	**BF10Z-../D04LA4**	539.1	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	2.8	1.3	1655	187	**BF10Z-../D04LA4**	592.8	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	2.6	1.85	1230	139	**BF10G06-../D04LA4**	643.8	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	2.3	2.7	1496	169	**BF20G06-../D04LA4**	736.1	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	2.2	1.5	1558	176	**BF10G06-../D04LA4**	768.2	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	2.0	1.35	1717	194	**BF10G06-../D04LA4**	845.1	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	2.0	2.3	1744	197	**BF20G06-../D04LA4**	810.0	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	2.0	3.2	1735	196	**BF30G06-../D04LA4**	817.1	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.8	2.1	1947	220	**BF20G06-../D04LA4**	952.7	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	1.7	1.1	2080	235	**BF10G06-../D04LA4**	994.0	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	1.7	2.7	2080	235	**BF30G06-../D04LA4**	961.1	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.5	1.7	2390	270	**BF20G06-../D04LA4**	1140	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	1.5	2.3	2390	270	**BF30G06-../D04LA4**	1150	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.4	0.88	2611	295	**BF10G06-../D04LA4**	1190	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	1.3	1.95	2832	320	**BF30G06-../D04LA4**	1286	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.2	1.0	2301*	260*	**BF10G06-../D04LA4**	1452	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	1.2	1.3	3098	350	**BF20G06-../D04LA4**	1392	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	1.2	1.8	3098	350	**BF30G06-../D04LA4**	1404	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.1	1.2	3452	390	**BF20G06-../D04LA4**	1533	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	1.0	1.45	3806	430	**BF30G06-../D04LA4**	1686	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.95	1.0	2301*	260*	**BF10G06-../D04LA4**	1744	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.95	1.0	4071*	460*	**BF20G06-../D04LA4**	1764	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.8	1.0	2301*	260*	**BF10G06-../D04LA4**	2096	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.8	1.15	4956	560	**BF30G06-../D04LA4**	2026	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.75	1.0	4071*	460*	**BF20G06-../D04LA4**	2192	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.7	1.0	2301*	260*	**BF10G06-../D04LA4**	2467	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.7	1.0	5576*	630*	**BF30G06-../D04LA4**	2386	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.65	1.0	4071*	460*	**BF20G06-../D04LA4**	2579	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.6	1.0	4071*	460*	**BF20G06-../D04LA4**	2829	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.6	1.0	5576*	630*	**BF30G06-../D04LA4**	2854	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.55	1.0	2301*	260*	**BF10G06-../D04LA4**	3220	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.55	1.0	4071*	460*	**BF20G06-../D04LA4**	3086	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.47	1.0	5576*	630*	**BF30G06-../D04LA4**	3493	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.43	1.0	4071*	460*	**BF20G06-../D04LA4**	3778	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.43	1.0	5576*	630*	**BF30G06-../D04LA4**	3811	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.42	1.0	2301*	260*	**BF10G06-../D04LA4**	3942	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.37	1.0	4071*	460*	**BF20G06-../D04LA4**	4379	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.37	1.0	5576*	630*	**BF30G06-../D04LA4**	4417	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.36	1.0	2301*	260*	**BF10G06-../D04LA4**	4569	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.33	1.0	5576*	630*	**BF30G06-../D04LA4**	5060	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.3	1.0	4071*	460*	**BF20G06-../D04LA4**	5471	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.29	1.0	2301*	260*	**BF10G06-../D04LA4**	5709	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.26	1.0	5576*	630*	**BF30G06-../D04LA4**	6333	1664	7400	-	-	90	41

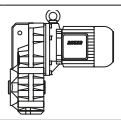
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.075 HP (0.055 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.075 HP (0.055 kW)	0.25	1.0	2301*	260*	**BF10G06-../D04LA4**	6550	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.24	1.0	4071*	460*	**BF20G06-../D04LA4**	6847	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.23	1.0	2301*	260*	**BF10G06-../D04LA4**	7144	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.23	1.0	5576*	630*	**BF30G06-../D04LA4**	7206	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.21	1.0	5576*	630*	**BF30G06-../D04LA4**	7861	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.2	1.0	4071*	460*	**BF20G06-../D04LA4**	8320	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.19	1.0	2301*	260*	**BF10G06-../D04LA4**	8681	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.18	1.0	2301*	260*	**BF10G06-../D04LA4**	9471	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.18	1.0	4071*	460*	**BF20G06-../D04LA4**	9077	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.18	1.0	5576*	630*	**BF30G06-../D04LA4**	9157	1664	7400	-	-	90	41

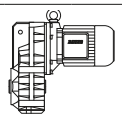
0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	29	9.8	217	24.5	**BF10-../D06LA4**	56.39	1023	4550	-	-	51	23
0.1 HP (0.075 kW)	26.5	8.9	239	27	**BF10-../D06LA4**	61.55	1057	4700	-	-	51	23
0.1 HP (0.075 kW)	24	8.1	261	29.5	**BF10-../D06LA4**	67.69	1102	4900	-	-	51	23
0.1 HP (0.075 kW)	21	7.1	301	34	**BF10-../D06LA4**	77.55	1147	5100	-	-	51	23
0.1 HP (0.075 kW)	19	6.4	332	37.5	**BF10-../D06LA4**	85.27	1191	5300	-	-	51	23
0.1 HP (0.075 kW)	18	6.1	350	39.5	**BF10-../D06LA4**	90.91	1214	5400	-	-	51	23
0.1 HP (0.075 kW)	16.5	5.6	381	43	**BF10-../D06LA4**	99.97	1259	5600	-	-	51	23
0.1 HP (0.075 kW)	14.5	4.9	434	49	**BF10-../D06LA4**	112.3	1326	5900	-	-	51	23
0.1 HP (0.075 kW)	13	4.4	487	55	**BF10-../D06LA4**	128.9	1394	6200	-	-	51	23
0.1 HP (0.075 kW)	11.5	3.9	549	62	**BF10-../D06LA4**	141.8	1439	6400	-	-	51	23
0.1 HP (0.075 kW)	9.8	3.3	646	73	**BF10Z-../D06LA4**	166.2	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	9.0	3.0	699	79	**BF10Z-../D06LA4**	180.1	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	8.2	2.8	770	87	**BF10Z-../D06LA4**	198.0	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	7.6	2.6	832	94	**BF10Z-../D06LA4**	214.5	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	6.9	2.3	912	103	**BF10Z-../D06LA4**	235.8	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	6.3	2.1	1000	113	**BF10Z-../D06LA4**	257.4	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	5.8	1.95	1089	123	**BF10Z-../D06LA4**	283.1	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	5.5	3.2	1151	130	**BF20Z-../D06LA4**	295.5	1776	7900	-	-	68	31
0.1 HP (0.075 kW)	5.0	1.7	1266	143	**BF10Z-../D06LA4**	324.3	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	5.0	2.9	1266	143	**BF20Z-../D06LA4**	325.2	1776	7900	-	-	68	31
0.1 HP (0.075 kW)	4.8	2.8	1319	149	**BF20Z-../D06LA4**	339.1	1776	7900	-	-	68	31
0.1 HP (0.075 kW)	4.6	1.55	1372	155	**BF10Z-../D06LA4**	356.6	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	4.4	2.6	1434	162	**BF20Z-../D06LA4**	373.1	1776	7900	-	-	68	31
0.1 HP (0.075 kW)	4.3	1.45	1469	166	**BF10Z-../D06LA4**	380.2	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	4.0	3.2	1584	179	**BF30Z-../D06LA4**	412.6	1664	7400	-	-	93	42
0.1 HP (0.075 kW)	3.9	1.3	1620	183	**BF10Z-../D06LA4**	418.0	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	3.9	2.3	1620	183	**BF20Z-../D06LA4**	418.1	1776	7900	-	-	68	31
0.1 HP (0.075 kW)	3.6	2.1	1752	198	**BF20Z-../D06LA4**	460.0	1776	7900	-	-	68	31
0.1 HP (0.075 kW)	3.5	1.2	1770	200	**BF10Z-../D06LA4**	469.5	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	3.5	2.9	1770	200	**BF30Z-../D06LA4**	463.3	1664	7400	-	-	93	42
0.1 HP (0.075 kW)	3.2	2.7	1496	169	**BF20G06-../D06LA4**	513.7	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	3.1	1.05	2036	230	**BF10Z-../D06LA4**	539.1	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	3.1	2.5	2036	230	**BF30Z-../D06LA4**	537.0	1664	7400	-	-	93	42
0.1 HP (0.075 kW)	2.8	0.94	2257	255	**BF10Z-../D06LA4**	592.8	1439	6400	-	-	53	24
0.1 HP (0.075 kW)	2.8	2.3	2257	255	**BF30Z-../D06LA4**	590.7	1664	7400	-	-	93	42
0.1 HP (0.075 kW)	2.7	2.2	1814	205	**BF20G06-../D06LA4**	617.0	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	2.7	3.2	1770	200	**BF30G06-../D06LA4**	622.4	1664	7400	-	-	99	45

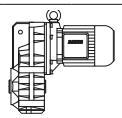
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	2.6	1.25	1859	210	**BF10G06-../D06LA4**	643.8	1439	6400	-	-	62	28
0.1 HP (0.075 kW)	2.3	1.85	2213	250	**BF20G06-../D06LA4**	736.1	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	2.3	2.5	2213	250	**BF30G06-../D06LA4**	705.1	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	2.2	1.0	2301	260	**BF10G06-../D06LA4**	768.2	1439	6400	-	-	62	28
0.1 HP (0.075 kW)	2.0	0.9	2567	290	**BF10G06-../D06LA4**	845.1	1439	6400	-	-	62	28
0.1 HP (0.075 kW)	2.0	1.6	2567	290	**BF20G06-../D06LA4**	810.0	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	2.0	2.2	2567	290	**BF30G06-../D06LA4**	817.1	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.8	1.4	2876	325	**BF20G06-../D06LA4**	952.7	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	1.7	1.8	3098	350	**BF30G06-../D06LA4**	961.1	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.5	1.15	3540	400	**BF20G06-../D06LA4**	1140	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	1.5	1.6	3540	400	**BF30G06-../D06LA4**	1150	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.3	1.35	4116	465	**BF30G06-../D06LA4**	1286	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.3	3.2	2788	315	**BF40G10-../D06LA4**	1324	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	1.2	0.9	4514	510	**BF20G06-../D06LA4**	1392	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	1.2	1.25	4514	510	**BF30G06-../D06LA4**	1404	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.1	0.82	4956	560	**BF20G06-../D06LA4**	1533	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	1.1	2.6	3408	385	**BF40G10-../D06LA4**	1484	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	1.0	1.0	5487	620	**BF30G06-../D06LA4**	1686	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.0	3.2	3850	435	**BF50G10-../D06LA4**	1684	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.9	2.0	4337	490	**BF40G10-../D06LA4**	1810	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	0.85	1.9	4691	530	**BF40G10-../D06LA4**	1997	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	0.8	2.4	5222	590	**BF50G10-../D06LA4**	2059	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.7	1.95	6284	710	**BF50G10-../D06LA4**	2360	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.65	1.3	6815	770	**BF40G10-../D06LA4**	2536	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	0.6	1.15	7612	860	**BF40G10-../D06LA4**	2810	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	0.6	1.6	7789	880	**BF50G10-../D06LA4**	2810	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.55	3.1	7081	800	**BF60G20-../D06LA4**	3237	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.49	1.2	10178	1150	**BF50G10-../D06LA4**	3348	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.42	2.1	10621	1200	**BF60G20-../D06LA4**	3883	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.35	1.6	13630	1540	**BF60G20-../D06LA4**	4646	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.32	3.3	15400	1740	**BF70G20-../D06LA4**	5124	3619	16100	10723	47700	467	212
0.1 HP (0.075 kW)	0.31	1.4	15931	1800	**BF60G20-../D06LA4**	5241	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.29	2.9	17436	1970	**BF70G20-../D06LA4**	5691	3619	16100	10723	47700	467	212
0.1 HP (0.075 kW)	0.27	1.15	19029	2150	**BF60G20-../D06LA4**	6014	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.25	1.05	20799	2350	**BF60G20-../D06LA4**	6679	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.25	2.4	20799	2350	**BF70G20-../D06LA4**	6530	3619	16100	10723	47700	467	212
0.1 HP (0.075 kW)	0.23	2.2	23012	2600	**BF70G20-../D06LA4**	7248	3619	16100	10723	47700	467	212
0.1 HP (0.075 kW)	0.21	1.95	25667	2900	**BF70G20-../D06LA4**	8052	3619	16100	10723	47700	467	212

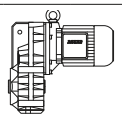
0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	34.5	9.8	217	24.5	**BF10-../D06LA4**	47.35	955	4250	-	-	51	23
0.12 HP (0.09 kW)	32	9.1	235	26.5	**BF10-../D06LA4**	51.28	989	4400	-	-	51	23
0.12 HP (0.09 kW)	29	8.1	261	29.5	**BF10-../D06LA4**	56.39	1023	4550	-	-	51	23
0.12 HP (0.09 kW)	26.5	7.5	283	32	**BF10-../D06LA4**	61.55	1057	4700	-	-	51	23
0.12 HP (0.09 kW)	24	6.8	314	35.5	**BF10-../D06LA4**	67.69	1102	4900	-	-	51	23
0.12 HP (0.09 kW)	21	5.9	358	40.5	**BF10-../D06LA4**	77.55	1147	5100	-	-	51	23
0.12 HP (0.09 kW)	19	5.3	398	45	**BF10-../D06LA4**	85.27	1191	5300	-	-	51	23
0.12 HP (0.09 kW)	18	5.1	420	47.5	**BF10-../D06LA4**	90.91	1214	5400	-	-	51	23
0.12 HP (0.09 kW)	16.5	4.6	460	52	**BF10-../D06LA4**	99.97	1259	5600	-	-	51	23

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

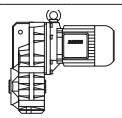
0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	14.5	4.1	522	59	**BF10-../D06LA4**	112.3	1326	5900	-	-	51	23
0.12 HP (0.09 kW)	13	3.6	584	66	**BF10-../D06LA4**	128.9	1394	6200	-	-	51	23
0.12 HP (0.09 kW)	11.5	3.2	655	74	**BF10-../D06LA4**	141.8	1439	6400	-	-	51	23
0.12 HP (0.09 kW)	11	3.1	690	78	**BF10Z-../D06LA4**	151.2	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	9.8	2.8	770	87	**BF10Z-../D06LA4**	166.2	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	9.0	2.5	841	95	**BF10Z-../D06LA4**	180.1	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	8.2	2.3	920	104	**BF10Z-../D06LA4**	198.0	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	7.6	2.1	1000	113	**BF10Z-../D06LA4**	214.5	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	6.9	1.95	1097	124	**BF10Z-../D06LA4**	235.8	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	6.3	1.75	1204	136	**BF10Z-../D06LA4**	257.4	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	6.3	3.1	1204	136	**BF20Z-../D06LA4**	259.6	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	5.8	1.6	1310	148	**BF10Z-../D06LA4**	283.1	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	5.5	2.7	1381	156	**BF20Z-../D06LA4**	295.5	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	5.0	1.4	1513	171	**BF10Z-../D06LA4**	324.3	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	5.0	2.5	1513	171	**BF20Z-../D06LA4**	325.2	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	4.8	2.3	1584	179	**BF20Z-../D06LA4**	339.1	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	4.8	3.2	1584	179	**BF30Z-../D06LA4**	341.8	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	4.6	1.3	1646	186	**BF10Z-../D06LA4**	356.6	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	4.4	2.2	1726	195	**BF20Z-../D06LA4**	373.1	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	4.4	2.9	1726	195	**BF30Z-../D06LA4**	375.1	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	4.3	1.2	1761	199	**BF10Z-../D06LA4**	380.2	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	4.0	2.7	1859	210	**BF30Z-../D06LA4**	412.6	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	3.9	1.1	1947	220	**BF10Z-../D06LA4**	418.0	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	3.9	1.9	1947	220	**BF20Z-../D06LA4**	418.1	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	3.6	1.8	2080	235	**BF20Z-../D06LA4**	460.0	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	3.5	0.98	2168	245	**BF10Z-../D06LA4**	469.5	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	3.5	2.3	2168	245	**BF30Z-../D06LA4**	463.3	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	3.2	2.2	1859	210	**BF20G06-../D06LA4**	513.7	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	3.1	0.87	2434	275	**BF10Z-../D06LA4**	539.1	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	3.1	2.1	2434	275	**BF30Z-../D06LA4**	537.0	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	2.9	3.1	2611	295	**BF40Z-../D06LA4**	566.1	2383	10600	-	-	117	53
0.12 HP (0.09 kW)	2.8	1.9	2699	305	**BF30Z-../D06LA4**	590.7	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	2.7	1.8	2257	255	**BF20G06-../D06LA4**	617.0	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	2.7	2.5	2257	255	**BF30G06-../D06LA4**	622.4	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	2.6	0.98	2345	265	**BF10G06-../D06LA4**	643.8	1439	6400	-	-	62	28
0.12 HP (0.09 kW)	2.3	1.5	2744	310	**BF20G06-../D06LA4**	736.1	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	2.3	2.0	2788	315	**BF30G06-../D06LA4**	705.1	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	2.2	0.8	2876	325	**BF10G06-../D06LA4**	768.2	1439	6400	-	-	62	28
0.12 HP (0.09 kW)	2.0	1.3	3186	360	**BF20G06-../D06LA4**	810.0	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	2.0	1.75	3186	360	**BF30G06-../D06LA4**	817.1	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.8	1.15	3585	405	**BF20G06-../D06LA4**	952.7	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	1.7	1.45	3806	430	**BF30G06-../D06LA4**	961.1	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.5	0.93	4381	495	**BF20G06-../D06LA4**	1140	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	1.5	1.25	4381	495	**BF30G06-../D06LA4**	1150	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.5	3.0	2921	330	**BF40G10-../D06LA4**	1106	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	1.3	1.1	5045	570	**BF30G06-../D06LA4**	1286	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.3	2.4	3762	425	**BF40G10-../D06LA4**	1324	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	1.2	1.0	5576	630	**BF30G06-../D06LA4**	1404	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.2	2.9	4204	475	**BF50G10-../D06LA4**	1359	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	1.1	1.95	4514	510	**BF40G10-../D06LA4**	1484	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	1.1	2.7	4514	510	**BF50G10-../D06LA4**	1520	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	1.0	0.83	6727	760	**BF30G06-../D06LA4**	1686	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.0	2.5	5045	570	**BF50G10-../D06LA4**	1684	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	0.9	1.55	5753	650	**BF40G10-../D06LA4**	1810	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	0.85	1.45	6107	690	**BF40G10-../D06LA4**	1997	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	0.8	1.8	6815	770	**BF50G10-../D06LA4**	2059	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	0.7	1.5	8143	920	**BF50G10-../D06LA4**	2360	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	0.65	1.0	8762	990	**BF40G10-../D06LA4**	2536	2383	10600	-	-	128	58

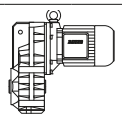
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	0.6	1.25	9913	1120	**BF50G10-../D06LA4**	2810	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	0.6	2.7	8231	930	**BF60G20-../D06LA4**	2781	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.55	2.4	9382	1060	**BF60G20-../D06LA4**	3237	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.42	1.6	13630	1540	**BF60G20-../D06LA4**	3883	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.36	3.0	16728	1890	**BF70G20-../D06LA4**	4542	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.35	1.3	17259	1950	**BF60G20-../D06LA4**	4646	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.32	2.7	19029	2150	**BF70G20-../D06LA4**	5124	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.31	1.1	19914	2250	**BF60G20-../D06LA4**	5241	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.29	2.3	21684	2450	**BF70G20-../D06LA4**	5691	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.25	1.95	25667	2900	**BF70G20-../D06LA4**	6530	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.23	1.8	28322	3200	**BF70G20-../D06LA4**	7248	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.21	1.6	31863	3600	**BF70G20-../D06LA4**	8052	3619	16100	10723	47700	467	212

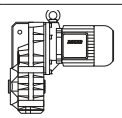
0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	45	10	204	23	**BF10-../D06LA4**	36.15	854	3800	-	-	51	23
0.15 HP (0.11 kW)	41	9.4	226	25.5	**BF10-../D06LA4**	39.75	888	3950	-	-	51	23
0.15 HP (0.11 kW)	38	8.7	243	27.5	**BF10-../D06LA4**	43.06	922	4100	-	-	51	23
0.15 HP (0.11 kW)	34.5	8.0	266	30	**BF10-../D06LA4**	47.35	955	4250	-	-	51	23
0.15 HP (0.11 kW)	32	7.4	288	32.5	**BF10-../D06LA4**	51.28	989	4400	-	-	51	23
0.15 HP (0.11 kW)	29	6.7	319	36	**BF10-../D06LA4**	56.39	1023	4550	-	-	51	23
0.15 HP (0.11 kW)	26.5	6.1	350	39.5	**BF10-../D06LA4**	61.55	1057	4700	-	-	51	23
0.15 HP (0.11 kW)	24	5.5	385	43.5	**BF10-../D06LA4**	67.69	1102	4900	-	-	51	23
0.15 HP (0.11 kW)	21	4.8	443	50	**BF10-../D06LA4**	77.55	1147	5100	-	-	51	23
0.15 HP (0.11 kW)	19	4.4	487	55	**BF10-../D06LA4**	85.27	1191	5300	-	-	51	23
0.15 HP (0.11 kW)	18	4.1	513	58	**BF10-../D06LA4**	90.91	1214	5400	-	-	51	23
0.15 HP (0.11 kW)	16.5	3.8	558	63	**BF10-../D06LA4**	99.97	1259	5600	-	-	51	23
0.15 HP (0.11 kW)	14.5	3.3	637	72	**BF10-../D06LA4**	112.3	1326	5900	-	-	51	23
0.15 HP (0.11 kW)	13	3.0	708	80	**BF10-../D06LA4**	128.9	1394	6200	-	-	51	23
0.15 HP (0.11 kW)	11.5	2.6	805	91	**BF10-../D06LA4**	141.8	1439	6400	-	-	51	23
0.15 HP (0.11 kW)	11	2.5	841	95	**BF10Z-../D06LA4**	151.2	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	9.8	2.2	947	107	**BF10Z-../D06LA4**	166.2	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	9.0	2.1	1027	116	**BF10Z-../D06LA4**	180.1	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	8.3	3.3	1115	126	**BF20Z-../D06LA4**	197.1	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	8.2	1.9	1133	128	**BF10Z-../D06LA4**	198.0	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	7.6	1.75	1221	138	**BF10Z-../D06LA4**	214.5	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	7.5	3.0	1239	140	**BF20Z-../D06LA4**	216.9	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	6.9	1.6	1345	152	**BF10Z-../D06LA4**	235.8	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	6.9	2.8	1345	152	**BF20Z-../D06LA4**	235.9	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	6.3	1.45	1469	166	**BF10Z-../D06LA4**	257.4	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	6.3	2.5	1469	166	**BF20Z-../D06LA4**	259.6	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	5.8	1.35	1602	181	**BF10Z-../D06LA4**	283.1	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	5.6	3.1	1655	187	**BF30Z-../D06LA4**	289.8	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	5.5	2.2	1690	191	**BF20Z-../D06LA4**	295.5	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	5.3	2.9	1752	198	**BF30Z-../D06LA4**	310.7	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	5.0	1.15	1859	210	**BF10Z-../D06LA4**	324.3	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	5.0	2.0	1859	210	**BF20Z-../D06LA4**	325.2	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	4.8	1.95	1903	215	**BF20Z-../D06LA4**	339.1	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	4.8	2.7	1903	215	**BF30Z-../D06LA4**	341.8	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	4.6	1.05	1991	225	**BF10Z-../D06LA4**	356.6	1439	6400	-	-	53	24

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

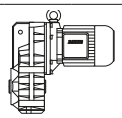
0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	4.4	1.8	2080	235	**BF20Z-../D06LA4**	373.1	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	4.4	2.4	2080	235	**BF30Z-../D06LA4**	375.1	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	4.3	1.0	2124	240	**BF10Z-../D06LA4**	380.2	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	4.0	2.2	2301	260	**BF30Z-../D06LA4**	412.6	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	3.9	0.91	2345	265	**BF10Z-../D06LA4**	418.0	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	3.9	1.6	2345	265	**BF20Z-../D06LA4**	418.1	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	3.6	1.45	2567	290	**BF20Z-../D06LA4**	460.0	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	3.6	3.1	2567	290	**BF40Z-../D06LA4**	459.1	2383	10600	-	-	117	53
0.15 HP (0.11 kW)	3.5	0.8	2655	300	**BF10Z-../D06LA4**	469.5	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	3.5	1.9	2655	300	**BF30Z-../D06LA4**	463.3	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	3.2	1.7	2390	270	**BF20G06-../D06LA4**	513.7	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	3.2	2.8	2876	325	**BF40Z-../D06LA4**	514.6	2383	10600	-	-	117	53
0.15 HP (0.11 kW)	3.1	0.93	2478	280	**BF10G06-../D06LA4**	536.0	1439	6400	-	-	62	28
0.15 HP (0.11 kW)	3.1	1.7	2965	335	**BF30Z-../D06LA4**	537.0	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	2.9	2.5	3186	360	**BF40Z-../D06LA4**	566.1	2383	10600	-	-	117	53
0.15 HP (0.11 kW)	2.8	1.55	3319	375	**BF30Z-../D06LA4**	590.7	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	2.7	1.4	2876	325	**BF20G06-../D06LA4**	617.0	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	2.7	1.95	2876	325	**BF30G06-../D06LA4**	622.4	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	2.3	1.15	3496	395	**BF20G06-../D06LA4**	736.1	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	2.3	1.6	3496	395	**BF30G06-../D06LA4**	705.1	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	2.0	1.0	4071	460	**BF20G06-../D06LA4**	810.0	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	2.0	1.4	4027	455	**BF30G06-../D06LA4**	817.1	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.8	0.9	4514	510	**BF20G06-../D06LA4**	952.7	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	1.8	2.8	3186	360	**BF40G10-../D06LA4**	928.9	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	1.7	1.15	4779	540	**BF30G06-../D06LA4**	961.1	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.6	3.3	3806	430	**BF50G10-../D06LA4**	1029	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	1.5	1.0	5487	620	**BF30G06-../D06LA4**	1150	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.5	2.2	4027	455	**BF40G10-../D06LA4**	1106	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	1.4	2.6	4691	530	**BF50G10-../D06LA4**	1203	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	1.3	0.88	6373	720	**BF30G06-../D06LA4**	1286	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.3	1.75	5045	570	**BF40G10-../D06LA4**	1324	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	1.2	0.8	6992	790	**BF30G06-../D06LA4**	1404	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.2	2.2	5576	630	**BF50G10-../D06LA4**	1359	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	1.1	1.45	6107	690	**BF40G10-../D06LA4**	1484	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	1.1	2.1	6019	680	**BF50G10-../D06LA4**	1520	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	1.0	1.8	6815	770	**BF50G10-../D06LA4**	1684	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	0.9	1.15	7612	860	**BF40G10-../D06LA4**	1810	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	0.85	1.1	8143	920	**BF40G10-../D06LA4**	1997	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	0.85	3.2	6992	790	**BF60G20-../D06LA4**	1955	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.8	1.4	8939	1010	**BF50G10-../D06LA4**	2059	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	0.75	2.7	8320	940	**BF60G20-../D06LA4**	2172	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.7	1.2	10532	1190	**BF50G10-../D06LA4**	2360	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	0.6	2.0	10975	1240	**BF60G20-../D06LA4**	2781	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.55	1.8	12391	1400	**BF60G20-../D06LA4**	3237	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.42	1.25	17613	1990	**BF60G20-../D06LA4**	3883	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.4	2.7	18587	2100	**BF70G20-../D06LA4**	4090	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.36	2.4	21242	2400	**BF70G20-../D06LA4**	4542	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.35	1.0	21684	2450	**BF60G20-../D06LA4**	4646	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.32	2.1	24340	2750	**BF70G20-../D06LA4**	5124	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.29	1.85	27437	3100	**BF70G20-../D06LA4**	5691	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.25	1.55	32748	3700	**BF70G20-../D06LA4**	6530	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.23	1.4	35846	4050	**BF70G20-../D06LA4**	7248	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.21	1.25	39828	4500	**BF70G20-../D06LA4**	8052	3619	16100	10723	47700	467	212

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

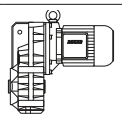
0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	215	8.6	70	7.9	**BF06-../D05LA4**	7.66	405	1800	-	-	22	10
0.25 HP (0.18 kW)	176	7.2	86	9.7	**BF06-../D05LA4**	9.21	427	1900	-	-	22	10
0.25 HP (0.18 kW)	135	5.9	112	12.7	**BF06-../D05LA4**	12.07	450	2000	-	-	22	10
0.25 HP (0.18 kW)	115	5.7	132	14.9	**BF06-../D05LA4**	14.21	472	2100	-	-	22	10
0.25 HP (0.18 kW)	96	5.3	158	17.9	**BF06-../D05LA4**	16.99	562	2500	-	-	22	10
0.25 HP (0.18 kW)	80	4.5	186	21	**BF06-../D05LA4**	20.42	607	2700	-	-	22	10
0.25 HP (0.18 kW)	61	3.4	248	28	**BF06-../D05LA4**	26.76	674	3000	-	-	22	10
0.25 HP (0.18 kW)	52	2.9	292	33	**BF06-../D05LA4**	31.50	719	3200	-	-	22	10
0.25 HP (0.18 kW)	43	2.4	350	39.5	**BF06-../D05LA4**	37.69	787	3500	-	-	22	10
0.25 HP (0.18 kW)	35.5	2.0	425	48	**BF06-../D05LA4**	46.14	854	3800	-	-	22	10
0.25 HP (0.18 kW)	28	1.55	540	61	**BF06-../D05LA4**	58.33	899	4000	-	-	22	10
0.25 HP (0.18 kW)	24.5	1.35	620	70	**BF06-../D05LA4**	66.82	899	4000	-	-	22	10
0.25 HP (0.18 kW)	21	3.0	717	81	**BF10-../D06LA4**	77.55	1147	5100	-	-	51	23
0.25 HP (0.18 kW)	19.5	1.1	779	88	**BF06-../D05LA4**	83.61	899	4000	-	-	22	10
0.25 HP (0.18 kW)	19	2.7	797	90	**BF10-../D06LA4**	85.27	1191	5300	-	-	51	23
0.25 HP (0.18 kW)	18	2.5	841	95	**BF10-../D06LA4**	90.91	1214	5400	-	-	51	23
0.25 HP (0.18 kW)	17.5	0.97	867	98	**BF06-../D05LA4**	95.16	899	4000	-	-	22	10
0.25 HP (0.18 kW)	16.5	2.3	920	104	**BF10-../D06LA4**	99.97	1259	5600	-	-	51	23
0.25 HP (0.18 kW)	14.5	2.0	1044	118	**BF10-../D06LA4**	112.3	1326	5900	-	-	51	23
0.25 HP (0.18 kW)	13.5	3.3	1124	127	**BF20-../D06LA4**	123.5	1709	7600	-	-	66	30
0.25 HP (0.18 kW)	13	1.8	1168	132	**BF10-../D06LA4**	128.9	1394	6200	-	-	51	23
0.25 HP (0.18 kW)	12	2.9	1266	143	**BF20-../D06LA4**	135.9	1776	7900	-	-	66	30
0.25 HP (0.18 kW)	11.5	1.6	1319	149	**BF10-../D06LA4**	141.8	1439	6400	-	-	51	23
0.25 HP (0.18 kW)	11.5	2.8	1319	149	**BF20Z-../D06LA4**	141.2	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	11	1.55	1381	156	**BF10Z-../D06LA4**	151.2	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	10.5	2.6	1443	163	**BF20Z-../D06LA4**	155.4	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	9.9	2.4	1531	173	**BF20Z-../D06LA4**	164.3	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	9.8	1.35	1549	175	**BF10Z-../D06LA4**	166.2	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	9.8	3.3	1549	175	**BF30Z-../D06LA4**	165.8	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	9.2	3.1	1646	186	**BF30Z-../D06LA4**	176.6	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	9.0	1.25	1690	191	**BF10Z-../D06LA4**	180.1	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	9.0	2.2	1690	191	**BF20Z-../D06LA4**	180.8	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	8.4	2.9	1770	200	**BF30Z-../D06LA4**	194.3	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	8.3	2.0	1814	205	**BF20Z-../D06LA4**	197.1	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	8.2	1.15	1814	205	**BF10Z-../D06LA4**	198.0	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	7.6	1.05	1991	225	**BF10Z-../D06LA4**	214.5	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	7.5	1.85	1991	225	**BF20Z-../D06LA4**	216.9	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	7.3	2.4	2080	235	**BF30Z-../D06LA4**	224.8	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	6.9	0.98	2168	245	**BF10Z-../D06LA4**	235.8	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	6.9	1.7	2168	245	**BF20Z-../D06LA4**	235.9	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	6.6	2.2	2301	260	**BF30Z-../D06LA4**	247.3	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	6.3	0.89	2390	270	**BF10Z-../D06LA4**	257.4	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	6.3	1.55	2390	270	**BF20Z-../D06LA4**	259.6	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	6.2	2.1	2434	275	**BF30Z-../D06LA4**	263.5	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	5.9	3.1	2567	290	**BF40Z-../D06LA4**	278.5	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	5.8	0.81	2611	295	**BF10Z-../D06LA4**	283.1	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	5.6	1.9	2699	305	**BF30Z-../D06LA4**	289.8	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	5.5	1.35	2744	310	**BF20Z-../D06LA4**	295.5	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	5.5	2.9	2744	310	**BF40Z-../D06LA4**	295.1	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	5.3	1.8	2832	320	**BF30Z-../D06LA4**	310.7	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	5.1	0.87	2655	300	**BF10G06-../D06LA4**	322.3	1439	6400	-	-	62	28
0.25 HP (0.18 kW)	5.0	1.25	3009	340	**BF20Z-../D06LA4**	325.2	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	5.0	2.6	3009	340	**BF40Z-../D06LA4**	324.7	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	4.8	1.2	3142	355	**BF20Z-../D06LA4**	339.1	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	4.8	1.6	3142	355	**BF30Z-../D06LA4**	341.8	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	4.7	2.5	3231	365	**BF40Z-../D06LA4**	346.8	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	4.4	1.1	3452	390	**BF20Z-../D06LA4**	373.1	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	4.4	1.45	3452	390	**BF30Z-../D06LA4**	375.1	1664	7400	-	-	93	42

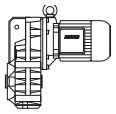
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	4.3	2.3	3496	395	**BF40Z-../D06LA4**	381.5	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	4.2	3.2	3585	405	**BF50Z-../D06LA4**	392.8	3057	13600	-	-	181	82
0.25 HP (0.18 kW)	4.0	1.35	3762	425	**BF30Z-../D06LA4**	412.6	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	3.9	0.95	3894	440	**BF20Z-../D06LA4**	418.1	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	3.9	2.0	3894	440	**BF40Z-../D06LA4**	417.3	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	3.7	2.8	4071	460	**BF50Z-../D06LA4**	439.3	3057	13600	-	-	181	82
0.25 HP (0.18 kW)	3.6	0.88	4204	475	**BF20Z-../D06LA4**	460.0	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	3.6	1.9	4204	475	**BF40Z-../D06LA4**	459.1	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	3.5	1.15	4337	490	**BF30Z-../D06LA4**	463.3	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	3.3	2.5	4602	520	**BF50Z-../D06LA4**	496.4	3057	13600	-	-	181	82
0.25 HP (0.18 kW)	3.2	0.96	4248	480	**BF20G06-../D06LA4**	513.7	1776	7900	-	-	75	34
0.25 HP (0.18 kW)	3.2	1.7	4691	530	**BF40Z-../D06LA4**	514.6	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	3.1	1.05	4868	550	**BF30Z-../D06LA4**	537.0	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	3.0	2.3	5045	570	**BF50Z-../D06LA4**	555.2	3057	13600	-	-	181	82
0.25 HP (0.18 kW)	2.9	1.55	5222	590	**BF40Z-../D06LA4**	566.1	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	2.8	0.94	5399	610	**BF30Z-../D06LA4**	590.7	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	2.8	2.4	3762	425	**BF40G10-../D06LA4**	597.3	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	2.7	0.81	5045	570	**BF20G06-../D06LA4**	617.0	1776	7900	-	-	75	34
0.25 HP (0.18 kW)	2.7	1.1	5045	570	**BF30G06-../D06LA4**	622.4	1664	7400	-	-	99	45
0.25 HP (0.18 kW)	2.4	2.7	4602	520	**BF50G10-../D06LA4**	680.9	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	2.3	0.91	6107	690	**BF30G06-../D06LA4**	705.1	1664	7400	-	-	99	45
0.25 HP (0.18 kW)	2.3	1.85	4779	540	**BF40G10-../D06LA4**	731.6	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	2.0	0.8	6992	790	**BF30G06-../D06LA4**	817.1	1664	7400	-	-	99	45
0.25 HP (0.18 kW)	1.9	2.0	6107	690	**BF50G10-../D06LA4**	864.5	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.8	1.35	6461	730	**BF40G10-../D06LA4**	928.9	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	1.6	1.65	7435	840	**BF50G10-../D06LA4**	1029	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.5	1.1	7966	900	**BF40G10-../D06LA4**	1106	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	1.4	1.4	8939	1010	**BF50G10-../D06LA4**	1203	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.4	2.7	8143	920	**BF60G20-../D06LA4**	1211	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	1.3	0.93	9559	1080	**BF40G10-../D06LA4**	1324	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	1.2	1.2	10532	1190	**BF50G10-../D06LA4**	1359	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.1	1.1	11417	1290	**BF50G10-../D06LA4**	1520	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.1	2.1	10444	1180	**BF60G20-../D06LA4**	1494	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	1.0	0.98	12657	1430	**BF50G10-../D06LA4**	1684	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.0	1.95	11417	1290	**BF60G20-../D06LA4**	1658	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	0.85	1.6	13896	1570	**BF60G20-../D06LA4**	1955	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	0.75	1.35	16197	1830	**BF60G20-../D06LA4**	2172	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	0.7	2.9	17436	1970	**BF70G20-../D06LA4**	2448	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.6	1.05	20799	2350	**BF60G20-../D06LA4**	2781	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	0.6	2.4	20799	2350	**BF70G20-../D06LA4**	2849	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.48	1.85	26995	3050	**BF70G20-../D06LA4**	3417	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.4	1.5	33633	3800	**BF70G20-../D06LA4**	4090	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.36	1.35	37616	4250	**BF70G20-../D06LA4**	4542	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.32	1.2	42926	4850	**BF70G20-../D06LA4**	5124	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.29	1.05	47794	5400	**BF70G20-../D06LA4**	5691	3619	16100	10723	47700	467	212

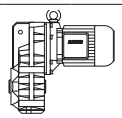
0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	215	6.1	98	11.1	**BF06-../D05LA4**	7.66	405	1800	-	-	22	10
0.33 HP (0.25 kW)	176	5.2	119	13.5	**BF06-../D05LA4**	9.21	427	1900	-	-	22	10

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

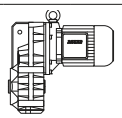
0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	135	4.3	156	17.6	**BF06-../D05LA4**	12.07	450	2000	-	-	22	10
0.33 HP (0.25 kW)	115	4.1	181	20.5	**BF06-../D05LA4**	14.21	472	2100	-	-	22	10
0.33 HP (0.25 kW)	96	3.9	217	24.5	**BF06-../D05LA4**	16.99	562	2500	-	-	22	10
0.33 HP (0.25 kW)	80	3.2	261	29.5	**BF06-../D05LA4**	20.42	607	2700	-	-	22	10
0.33 HP (0.25 kW)	61	2.4	345	39	**BF06-../D05LA4**	26.76	674	3000	-	-	22	10
0.33 HP (0.25 kW)	52	2.1	403	45.5	**BF06-../D05LA4**	31.50	719	3200	-	-	22	10
0.33 HP (0.25 kW)	43	1.75	487	55	**BF06-../D05LA4**	37.69	787	3500	-	-	22	10
0.33 HP (0.25 kW)	35.5	1.4	593	67	**BF06-../D05LA4**	46.14	854	3800	-	-	22	10
0.33 HP (0.25 kW)	32	3.2	655	74	**BF10-../D06LA4**	51.28	989	4400	-	-	51	23
0.33 HP (0.25 kW)	29	2.9	726	82	**BF10-../D06LA4**	56.39	1023	4550	-	-	51	23
0.33 HP (0.25 kW)	28	1.1	752	85	**BF06-../D05LA4**	58.33	899	4000	-	-	22	10
0.33 HP (0.25 kW)	26.5	2.7	797	90	**BF10-../D06LA4**	61.55	1057	4700	-	-	51	23
0.33 HP (0.25 kW)	24.5	0.98	859	97	**BF06-../D05LA4**	66.82	899	4000	-	-	22	10
0.33 HP (0.25 kW)	24	2.4	876	99	**BF10-../D06LA4**	67.69	1102	4900	-	-	51	23
0.33 HP (0.25 kW)	21	2.1	1000	113	**BF10-../D06LA4**	77.55	1147	5100	-	-	51	23
0.33 HP (0.25 kW)	19	1.9	1106	125	**BF10-../D06LA4**	85.27	1191	5300	-	-	51	23
0.33 HP (0.25 kW)	18	1.8	1168	132	**BF10-../D06LA4**	90.91	1214	5400	-	-	51	23
0.33 HP (0.25 kW)	17	3.0	1239	140	**BF20-../D06LA4**	96.08	1551	6900	-	-	66	30
0.33 HP (0.25 kW)	16.5	1.65	1275	144	**BF10-../D06LA4**	99.97	1259	5600	-	-	51	23
0.33 HP (0.25 kW)	16.5	2.9	1275	144	**BF20-../D06LA4**	100.2	1574	7000	-	-	66	30
0.33 HP (0.25 kW)	15	2.6	1407	159	**BF20-../D06LA4**	110.2	1641	7300	-	-	66	30
0.33 HP (0.25 kW)	14.5	1.45	1452	164	**BF10-../D06LA4**	112.3	1326	5900	-	-	51	23
0.33 HP (0.25 kW)	13.5	2.4	1558	176	**BF20-../D06LA4**	123.5	1709	7600	-	-	66	30
0.33 HP (0.25 kW)	13	1.3	1620	183	**BF10-../D06LA4**	128.9	1394	6200	-	-	51	23
0.33 HP (0.25 kW)	13	3.1	1620	183	**BF30-../D06LA4**	124.7	1596	7100	-	-	88	40
0.33 HP (0.25 kW)	12	2.1	1752	198	**BF20-../D06LA4**	135.9	1776	7900	-	-	66	30
0.33 HP (0.25 kW)	12	2.9	1752	198	**BF30-../D06LA4**	137.1	1664	7400	-	-	88	40
0.33 HP (0.25 kW)	11.5	1.15	1814	205	**BF10-../D06LA4**	141.8	1439	6400	-	-	51	23
0.33 HP (0.25 kW)	11.5	2.0	1814	205	**BF20Z-../D06LA4**	141.2	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	11	1.1	1903	215	**BF10Z-../D06LA4**	151.2	1439	6400	-	-	53	24
0.33 HP (0.25 kW)	11	2.7	1903	215	**BF30Z-../D06LA4**	150.7	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	10.5	1.85	1991	225	**BF20Z-../D06LA4**	155.4	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	9.9	1.75	2124	240	**BF20Z-../D06LA4**	164.3	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	9.8	1.0	2124	240	**BF10Z-../D06LA4**	166.2	1439	6400	-	-	53	24
0.33 HP (0.25 kW)	9.8	2.4	2124	240	**BF30Z-../D06LA4**	165.8	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	9.2	2.3	2257	255	**BF30Z-../D06LA4**	176.6	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	9.0	0.91	2345	265	**BF10Z-../D06LA4**	180.1	1439	6400	-	-	53	24
0.33 HP (0.25 kW)	9.0	1.6	2345	265	**BF20Z-../D06LA4**	180.8	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	8.7	3.3	2390	270	**BF40Z-../D06LA4**	188.3	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	8.4	2.1	2478	280	**BF30Z-../D06LA4**	194.3	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	8.3	1.45	2522	285	**BF20Z-../D06LA4**	197.1	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	8.2	0.83	2567	290	**BF10Z-../D06LA4**	198.0	1439	6400	-	-	53	24
0.33 HP (0.25 kW)	8.1	3.1	2567	290	**BF40Z-../D06LA4**	202.2	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	7.5	1.35	2788	315	**BF20Z-../D06LA4**	216.9	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	7.3	1.75	2876	325	**BF30Z-../D06LA4**	224.8	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	7.3	2.8	2876	325	**BF40Z-../D06LA4**	222.4	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	6.9	1.2	3054	345	**BF20Z-../D06LA4**	235.9	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	6.6	1.6	3186	360	**BF30Z-../D06LA4**	247.3	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	6.4	2.4	3275	370	**BF40Z-../D06LA4**	253.2	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	6.3	1.1	3319	375	**BF20Z-../D06LA4**	259.6	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	6.2	1.5	3408	385	**BF30Z-../D06LA4**	263.5	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	5.9	2.3	3540	400	**BF40Z-../D06LA4**	278.5	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	5.9	3.3	3540	400	**BF50Z-../D06LA4**	276.8	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	5.6	1.35	3762	425	**BF30Z-../D06LA4**	289.8	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	5.5	0.98	3806	430	**BF20Z-../D06LA4**	295.5	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	5.5	2.1	3806	430	**BF40Z-../D06LA4**	295.1	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	5.3	1.3	3983	450	**BF30Z-../D06LA4**	310.7	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	5.2	2.9	4027	455	**BF50Z-../D06LA4**	316.6	3057	13600	-	-	181	82

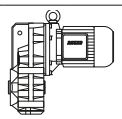
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	5.0	0.88	4204	475	**BF20Z-../D06LA4**	325.2	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	5.0	1.9	4204	475	**BF40Z-../D06LA4**	324.7	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	4.8	0.85	4381	495	**BF20Z-../D06LA4**	339.1	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	4.8	1.15	4381	495	**BF30Z-../D06LA4**	341.8	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	4.7	1.8	4425	500	**BF40Z-../D06LA4**	346.8	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	4.6	2.5	4514	510	**BF50Z-../D06LA4**	354.0	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	4.4	1.05	4779	540	**BF30Z-../D06LA4**	375.1	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	4.3	1.65	4868	550	**BF40Z-../D06LA4**	381.5	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	4.2	2.3	4956	560	**BF50Z-../D06LA4**	392.8	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	4.0	0.97	5222	590	**BF30Z-../D06LA4**	412.6	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	3.9	1.5	5399	610	**BF40Z-../D06LA4**	417.3	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	3.7	2.0	5664	640	**BF50Z-../D06LA4**	439.3	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	3.6	1.35	5841	660	**BF40Z-../D06LA4**	459.1	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	3.5	0.85	6019	680	**BF30Z-../D06LA4**	463.3	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	3.3	1.8	6373	720	**BF50Z-../D06LA4**	496.4	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	3.2	1.2	6550	740	**BF40Z-../D06LA4**	514.6	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	3.0	1.65	6992	790	**BF50Z-../D06LA4**	555.2	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	2.9	1.1	7258	820	**BF40Z-../D06LA4**	566.1	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	2.8	1.5	5841	660	**BF40G10-../D06LA4**	597.3	2383	10600	-	-	128	58
0.33 HP (0.25 kW)	2.4	1.75	7081	800	**BF50G10-../D06LA4**	680.9	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	2.3	1.2	7346	830	**BF40G10-../D06LA4**	731.6	2383	10600	-	-	128	58
0.33 HP (0.25 kW)	2.0	2.8	7789	880	**BF60G20-../D06LA4**	813.2	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.9	1.35	9293	1050	**BF50G10-../D06LA4**	864.5	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	1.8	0.91	9736	1100	**BF40G10-../D06LA4**	928.9	2383	10600	-	-	128	58
0.33 HP (0.25 kW)	1.8	2.4	9293	1050	**BF60G20-../D06LA4**	937.6	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.6	1.1	11152	1260	**BF50G10-../D06LA4**	1029	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	1.4	0.94	13188	1490	**BF50G10-../D06LA4**	1203	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	1.4	1.8	12303	1390	**BF60G20-../D06LA4**	1211	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.2	0.8	15489	1750	**BF50G10-../D06LA4**	1359	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	1.1	1.4	15843	1790	**BF60G20-../D06LA4**	1494	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.0	1.3	17347	1960	**BF60G20-../D06LA4**	1658	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.0	2.9	17436	1970	**BF70G20-../D06LA4**	1621	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.85	1.05	20799	2350	**BF60G20-../D06LA4**	1955	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	0.85	2.4	20799	2350	**BF70G20-../D06LA4**	1912	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.7	1.95	25667	2900	**BF70G20-../D06LA4**	2448	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.6	1.65	30535	3450	**BF70G20-../D06LA4**	2849	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.48	1.3	39386	4450	**BF70G20-../D06LA4**	3417	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.4	1.05	47794	5400	**BF70G20-../D06LA4**	4090	3619	16100	10723	47700	467	212

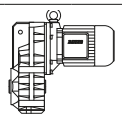
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	215	5.1	118	13.3	**BF06-../D05LA4**	7.66	405	1800	-	-	22	10
0.4 HP (0.3 kW)	176	4.3	143	16.2	**BF06-../D05LA4**	9.21	427	1900	-	-	22	10
0.4 HP (0.3 kW)	135	3.6	186	21	**BF06-../D05LA4**	12.07	450	2000	-	-	22	10
0.4 HP (0.3 kW)	115	3.5	217	24.5	**BF06-../D05LA4**	14.21	472	2100	-	-	22	10
0.4 HP (0.3 kW)	96	3.2	261	29.5	**BF06-../D05LA4**	16.99	562	2500	-	-	22	10
0.4 HP (0.3 kW)	80	2.7	314	35.5	**BF06-../D05LA4**	20.42	607	2700	-	-	22	10
0.4 HP (0.3 kW)	61	2.0	412	46.5	**BF06-../D05LA4**	26.76	674	3000	-	-	22	10
0.4 HP (0.3 kW)	52	1.75	487	55	**BF06-../D05LA4**	31.50	719	3200	-	-	22	10
0.4 HP (0.3 kW)	43	1.45	584	66	**BF06-../D05LA4**	37.69	787	3500	-	-	22	10

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

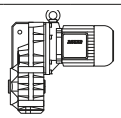
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	38	3.2	664	75	**BF10-../D06LA4**	43.06	922	4100	-	-	51	23
0.4 HP (0.3 kW)	35.5	1.2	708	80	**BF06-../D05LA4**	46.14	854	3800	-	-	22	10
0.4 HP (0.3 kW)	34.5	2.9	735	83	**BF10-../D06LA4**	47.35	955	4250	-	-	51	23
0.4 HP (0.3 kW)	32	2.7	788	89	**BF10-../D06LA4**	51.28	989	4400	-	-	51	23
0.4 HP (0.3 kW)	29	2.4	867	98	**BF10-../D06LA4**	56.39	1023	4550	-	-	51	23
0.4 HP (0.3 kW)	28	0.93	903	102	**BF06-../D05LA4**	58.33	899	4000	-	-	22	10
0.4 HP (0.3 kW)	26.5	2.2	956	108	**BF10-../D06LA4**	61.55	1057	4700	-	-	51	23
0.4 HP (0.3 kW)	24.5	0.82	1027	116	**BF06-../D05LA4**	66.82	899	4000	-	-	22	10
0.4 HP (0.3 kW)	24	2.0	1053	119	**BF10-../D06LA4**	67.69	1102	4900	-	-	51	23
0.4 HP (0.3 kW)	21.5	3.2	1177	133	**BF20-../D06LA4**	76.69	1416	6300	-	-	66	30
0.4 HP (0.3 kW)	21	1.75	1204	136	**BF10-../D06LA4**	77.55	1147	5100	-	-	51	23
0.4 HP (0.3 kW)	19	1.6	1328	150	**BF10-../D06LA4**	85.27	1191	5300	-	-	51	23
0.4 HP (0.3 kW)	19	2.8	1328	150	**BF20-../D06LA4**	87.31	1484	6600	-	-	66	30
0.4 HP (0.3 kW)	18	1.5	1407	159	**BF10-../D06LA4**	90.91	1214	5400	-	-	51	23
0.4 HP (0.3 kW)	17	2.5	1487	168	**BF20-../D06LA4**	96.08	1551	6900	-	-	66	30
0.4 HP (0.3 kW)	16.5	1.4	1531	173	**BF10-../D06LA4**	99.97	1259	5600	-	-	51	23
0.4 HP (0.3 kW)	16.5	2.4	1531	173	**BF20-../D06LA4**	100.2	1574	7000	-	-	66	30
0.4 HP (0.3 kW)	15.5	3.1	1629	184	**BF30-../D06LA4**	107.6	1506	6700	-	-	88	40
0.4 HP (0.3 kW)	15	2.2	1690	191	**BF20-../D06LA4**	110.2	1641	7300	-	-	66	30
0.4 HP (0.3 kW)	14.5	1.2	1744	197	**BF10-../D06LA4**	112.3	1326	5900	-	-	51	23
0.4 HP (0.3 kW)	14	2.9	1770	200	**BF30-../D06LA4**	118.3	1574	7000	-	-	88	40
0.4 HP (0.3 kW)	13.5	2.0	1859	210	**BF20-../D06LA4**	123.5	1709	7600	-	-	66	30
0.4 HP (0.3 kW)	13	1.1	1947	220	**BF10-../D06LA4**	128.9	1394	6200	-	-	51	23
0.4 HP (0.3 kW)	13	2.6	1947	220	**BF30-../D06LA4**	124.7	1596	7100	-	-	88	40
0.4 HP (0.3 kW)	12	1.8	2080	235	**BF20-../D06LA4**	135.9	1776	7900	-	-	66	30
0.4 HP (0.3 kW)	12	2.4	2080	235	**BF30-../D06LA4**	137.1	1664	7400	-	-	88	40
0.4 HP (0.3 kW)	11.5	0.98	2168	245	**BF10-../D06LA4**	141.8	1439	6400	-	-	51	23
0.4 HP (0.3 kW)	11.5	1.7	2168	245	**BF20Z-../D06LA4**	141.2	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	11	0.92	2301	260	**BF10Z-../D06LA4**	151.2	1439	6400	-	-	53	24
0.4 HP (0.3 kW)	11	2.2	2301	260	**BF30Z-../D06LA4**	150.7	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	10.5	1.55	2390	270	**BF20Z-../D06LA4**	155.4	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	10.5	3.3	2390	270	**BF40Z-../D06LA4**	155.6	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	9.9	1.45	2522	285	**BF20Z-../D06LA4**	164.3	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	9.8	0.83	2567	290	**BF10Z-../D06LA4**	166.2	1439	6400	-	-	53	24
0.4 HP (0.3 kW)	9.8	2.0	2567	290	**BF30Z-../D06LA4**	165.8	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	9.5	3.0	2655	300	**BF40Z-../D06LA4**	171.2	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	9.2	1.85	2744	310	**BF30Z-../D06LA4**	176.6	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	9.0	1.35	2788	315	**BF20Z-../D06LA4**	180.8	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	8.7	2.8	2876	325	**BF40Z-../D06LA4**	188.3	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	8.4	1.7	3009	340	**BF30Z-../D06LA4**	194.3	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	8.3	1.2	3054	345	**BF20Z-../D06LA4**	197.1	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	8.1	2.6	3098	350	**BF40Z-../D06LA4**	202.2	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	7.5	1.1	3363	380	**BF20Z-../D06LA4**	216.9	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	7.3	1.45	3452	390	**BF30Z-../D06LA4**	224.8	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	7.3	2.3	3452	390	**BF40Z-../D06LA4**	222.4	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	6.9	1.0	3673	415	**BF20Z-../D06LA4**	235.9	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	6.6	1.35	3806	430	**BF30Z-../D06LA4**	247.3	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	6.6	3.0	3806	430	**BF50Z-../D06LA4**	247.5	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	6.4	2.0	3939	445	**BF40Z-../D06LA4**	253.2	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	6.3	0.93	3983	450	**BF20Z-../D06LA4**	259.6	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	6.2	1.25	4071	460	**BF30Z-../D06LA4**	263.5	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	5.9	1.85	4293	485	**BF40Z-../D06LA4**	278.5	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	5.9	2.7	4293	485	**BF50Z-../D06LA4**	276.8	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	5.6	1.15	4514	510	**BF30Z-../D06LA4**	289.8	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	5.5	0.81	4602	520	**BF20Z-../D06LA4**	295.5	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	5.5	1.75	4602	520	**BF40Z-../D06LA4**	295.1	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	5.3	1.05	4779	540	**BF30Z-../D06LA4**	310.7	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	5.2	2.4	4868	550	**BF50Z-../D06LA4**	316.6	3057	13600	-	-	181	82

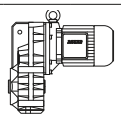
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	5.0	1.6	5045	570	**BF40Z-../D06LA4**	324.7	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	4.8	0.97	5222	590	**BF30Z-../D06LA4**	341.8	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	4.7	1.5	5310	600	**BF40Z-../D06LA4**	346.8	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	4.6	2.1	5487	620	**BF50Z-../D06LA4**	354.0	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	4.4	0.88	5753	650	**BF30Z-../D06LA4**	375.1	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	4.3	1.35	5841	660	**BF40Z-../D06LA4**	381.5	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	4.2	1.9	6019	680	**BF50Z-../D06LA4**	392.8	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	4.0	0.81	6284	710	**BF30Z-../D06LA4**	412.6	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	3.9	1.25	6461	730	**BF40Z-../D06LA4**	417.3	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	3.7	1.7	6815	770	**BF50Z-../D06LA4**	439.3	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	3.6	1.15	6992	790	**BF40Z-../D06LA4**	459.1	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	3.3	1.5	7612	860	**BF50Z-../D06LA4**	496.4	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	3.2	1.0	7877	890	**BF40Z-../D06LA4**	514.6	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	3.0	1.35	8408	950	**BF50Z-../D06LA4**	555.2	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	2.9	0.92	8674	980	**BF40Z-../D06LA4**	566.1	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	2.8	1.2	7346	830	**BF40G10-../D06LA4**	597.3	2383	10600	-	-	128	58
0.4 HP (0.3 kW)	2.4	1.4	8851	1000	**BF50G10-../D06LA4**	680.9	3057	13600	-	-	190	86
0.4 HP (0.3 kW)	2.4	2.8	7966	900	**BF60G20-../D06LA4**	689.0	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	2.3	0.96	9205	1040	**BF40G10-../D06LA4**	731.6	2383	10600	-	-	128	58
0.4 HP (0.3 kW)	2.0	2.2	9913	1120	**BF60G20-../D06LA4**	813.2	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.9	1.1	11506	1300	**BF50G10-../D06LA4**	864.5	3057	13600	-	-	190	86
0.4 HP (0.3 kW)	1.8	1.9	11594	1310	**BF60G20-../D06LA4**	937.6	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.6	0.9	13807	1560	**BF50G10-../D06LA4**	1029	3057	13600	-	-	190	86
0.4 HP (0.3 kW)	1.4	1.45	15400	1740	**BF60G20-../D06LA4**	1211	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.2	2.9	17701	2000	**BF70G20-../D06LA4**	1390	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	1.1	1.15	19472	2200	**BF60G20-../D06LA4**	1494	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.0	1.05	21242	2400	**BF60G20-../D06LA4**	1658	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.0	2.3	21684	2450	**BF70G20-../D06LA4**	1621	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	0.85	1.95	25667	2900	**BF70G20-../D06LA4**	1912	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	0.7	1.6	31863	3600	**BF70G20-../D06LA4**	2448	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	0.6	1.35	37616	4250	**BF70G20-../D06LA4**	2849	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	0.48	1.05	47794	5400	**BF70G20-../D06LA4**	3417	3619	16100	10723	47700	467	212

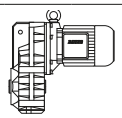
0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	215	4.1	145	16.4	**BF06-../D07LA4**	7.66	405	1800	-	-	26	12
0.5 HP (0.37 kW)	176	3.5	177	20	**BF06-../D07LA4**	9.21	427	1900	-	-	26	12
0.5 HP (0.37 kW)	135	2.9	230	26	**BF06-../D07LA4**	12.07	450	2000	-	-	26	12
0.5 HP (0.37 kW)	115	2.8	270	30.5	**BF06-../D07LA4**	14.21	472	2100	-	-	26	12
0.5 HP (0.37 kW)	96	2.6	323	36.5	**BF06-../D07LA4**	16.99	562	2500	-	-	26	12
0.5 HP (0.37 kW)	80	2.2	389	44	**BF06-../D07LA4**	20.42	607	2700	-	-	26	12
0.5 HP (0.37 kW)	61	1.65	504	57	**BF06-../D07LA4**	26.76	674	3000	-	-	26	12
0.5 HP (0.37 kW)	52	1.4	593	67	**BF06-../D07LA4**	31.50	719	3200	-	-	26	12
0.5 HP (0.37 kW)	45	3.1	690	78	**BF10-../D07LA4**	36.15	854	3800	-	-	51	23
0.5 HP (0.37 kW)	43	1.15	726	82	**BF06-../D07LA4**	37.69	787	3500	-	-	26	12
0.5 HP (0.37 kW)	41	2.8	761	86	**BF10-../D07LA4**	39.75	888	3950	-	-	51	23
0.5 HP (0.37 kW)	38	2.6	814	92	**BF10-../D07LA4**	43.06	922	4100	-	-	51	23
0.5 HP (0.37 kW)	35.5	0.96	876	99	**BF06-../D07LA4**	46.14	854	3800	-	-	26	12
0.5 HP (0.37 kW)	34.5	2.4	903	102	**BF10-../D07LA4**	47.35	955	4250	-	-	51	23
0.5 HP (0.37 kW)	32	2.2	974	110	**BF10-../D07LA4**	51.28	989	4400	-	-	51	23
0.5 HP (0.37 kW)	29	2.0	1071	121	**BF10-../D07LA4**	56.39	1023	4550	-	-	51	23

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

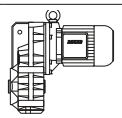
0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	28	3.3	1115	126	**BF20-../D07LA4**	58.24	1259	5600	-	-	66	30
0.5 HP (0.37 kW)	26.5	1.8	1177	133	**BF10-../D07LA4**	61.55	1057	4700	-	-	51	23
0.5 HP (0.37 kW)	25.5	3.0	1221	138	**BF20-../D07LA4**	64.08	1326	5900	-	-	66	30
0.5 HP (0.37 kW)	24	1.65	1301	147	**BF10-../D07LA4**	67.69	1102	4900	-	-	51	23
0.5 HP (0.37 kW)	23.5	2.8	1328	150	**BF20-../D07LA4**	69.70	1371	6100	-	-	66	30
0.5 HP (0.37 kW)	21.5	2.6	1452	164	**BF20-../D07LA4**	76.69	1416	6300	-	-	66	30
0.5 HP (0.37 kW)	21	1.45	1487	168	**BF10-../D07LA4**	77.55	1147	5100	-	-	51	23
0.5 HP (0.37 kW)	20.5	3.3	1522	172	**BF30-../D07LA4**	79.34	1326	5900	-	-	88	40
0.5 HP (0.37 kW)	19	1.3	1637	185	**BF10-../D07LA4**	85.27	1191	5300	-	-	51	23
0.5 HP (0.37 kW)	19	2.3	1637	185	**BF20-../D07LA4**	87.31	1484	6600	-	-	66	30
0.5 HP (0.37 kW)	19	3.1	1637	185	**BF30-../D07LA4**	87.08	1394	6200	-	-	88	40
0.5 HP (0.37 kW)	18	1.2	1735	196	**BF10-../D07LA4**	90.91	1214	5400	-	-	51	23
0.5 HP (0.37 kW)	17	2.0	1814	205	**BF20-../D07LA4**	96.08	1551	6900	-	-	66	30
0.5 HP (0.37 kW)	17	2.8	1814	205	**BF30-../D07LA4**	95.79	1439	6400	-	-	88	40
0.5 HP (0.37 kW)	16.5	1.15	1859	210	**BF10-../D07LA4**	99.97	1259	5600	-	-	51	23
0.5 HP (0.37 kW)	16.5	2.0	1859	210	**BF20-../D07LA4**	100.2	1574	7000	-	-	66	30
0.5 HP (0.37 kW)	15.5	2.6	1991	225	**BF30-../D07LA4**	107.6	1506	6700	-	-	88	40
0.5 HP (0.37 kW)	15	1.8	2080	235	**BF20-../D07LA4**	110.2	1641	7300	-	-	66	30
0.5 HP (0.37 kW)	14.5	1.0	2124	240	**BF10-../D07LA4**	112.3	1326	5900	-	-	51	23
0.5 HP (0.37 kW)	14	2.3	2213	250	**BF30-../D07LA4**	118.3	1574	7000	-	-	88	40
0.5 HP (0.37 kW)	13.5	1.6	2301	260	**BF20-../D07LA4**	123.5	1709	7600	-	-	66	30
0.5 HP (0.37 kW)	13	0.89	2390	270	**BF10-../D07LA4**	128.9	1394	6200	-	-	51	23
0.5 HP (0.37 kW)	13	2.1	2390	270	**BF30-../D07LA4**	124.7	1596	7100	-	-	88	40
0.5 HP (0.37 kW)	12	1.45	2567	290	**BF20-../D07LA4**	135.9	1776	7900	-	-	66	30
0.5 HP (0.37 kW)	12	2.0	2567	290	**BF30-../D07LA4**	137.1	1664	7400	-	-	88	40
0.5 HP (0.37 kW)	11.5	1.4	2699	305	**BF20Z-../D07LA4**	141.2	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	11.5	3.0	2699	305	**BF40Z-../D07LA4**	141.4	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	11	1.8	2832	320	**BF30Z-../D07LA4**	150.7	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	10.5	1.25	2965	335	**BF20Z-../D07LA4**	155.4	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	10.5	2.7	2965	335	**BF40Z-../D07LA4**	155.6	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	9.9	1.2	3142	355	**BF20Z-../D07LA4**	164.3	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	9.8	1.6	3186	360	**BF30Z-../D07LA4**	165.8	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	9.5	2.4	3275	370	**BF40Z-../D07LA4**	171.2	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	9.2	1.5	3363	380	**BF30Z-../D07LA4**	176.6	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	9.0	1.1	3452	390	**BF20Z-../D07LA4**	180.8	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	8.9	3.3	3496	395	**BF50Z-../D07LA4**	183.5	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	8.7	2.2	3585	405	**BF40Z-../D07LA4**	188.3	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	8.4	1.35	3717	420	**BF30Z-../D07LA4**	194.3	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	8.3	0.99	3762	425	**BF20Z-../D07LA4**	197.1	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	8.1	2.1	3850	435	**BF40Z-../D07LA4**	202.2	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	7.9	2.9	3939	445	**BF50Z-../D07LA4**	205.2	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	7.5	0.89	4160	470	**BF20Z-../D07LA4**	216.9	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	7.3	1.2	4248	480	**BF30Z-../D07LA4**	224.8	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	7.3	1.9	4248	480	**BF40Z-../D07LA4**	222.4	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	6.9	0.82	4514	510	**BF20Z-../D07LA4**	235.9	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	6.6	1.1	4691	530	**BF30Z-../D07LA4**	247.3	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	6.6	2.5	4691	530	**BF50Z-../D07LA4**	247.5	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	6.4	1.65	4868	550	**BF40Z-../D07LA4**	253.2	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	6.2	1.05	4956	560	**BF30Z-../D07LA4**	263.5	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	5.9	1.55	5222	590	**BF40Z-../D07LA4**	278.5	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	5.9	2.2	5222	590	**BF50Z-../D07LA4**	276.8	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	5.6	0.91	5576	630	**BF30Z-../D07LA4**	289.8	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	5.5	1.4	5664	640	**BF40Z-../D07LA4**	295.1	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	5.3	0.87	5841	660	**BF30Z-../D07LA4**	310.7	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	5.2	1.95	5930	670	**BF50Z-../D07LA4**	316.6	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	5.0	1.3	6196	700	**BF40Z-../D07LA4**	324.7	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	4.7	1.2	6638	750	**BF40Z-../D07LA4**	346.8	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	4.6	1.7	6727	760	**BF50Z-../D07LA4**	354.0	3057	13600	-	-	181	82

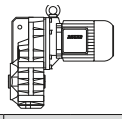
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	4.3	1.1	7258	820	**BF40Z-../D07LA4**	381.5	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	4.2	1.55	7435	840	**BF50Z-../D07LA4**	392.8	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	3.9	1.0	7966	900	**BF40Z-../D07LA4**	417.3	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	3.7	1.35	8408	950	**BF50Z-../D07LA4**	439.3	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	3.6	0.92	8674	980	**BF40Z-../D07LA4**	459.1	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	3.3	1.2	9470	1070	**BF50Z-../D07LA4**	496.4	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	3.2	0.82	9736	1100	**BF40Z-../D07LA4**	514.6	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	3.0	1.1	10355	1170	**BF50Z-../D07LA4**	555.2	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	2.9	2.6	8585	970	**BF60G20-../D07LA4**	569.3	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	2.8	0.93	9470	1070	**BF40G10-../D07LA4**	597.3	2383	10600	-	-	128	58
0.5 HP (0.37 kW)	2.4	1.1	11329	1280	**BF50G10-../D07LA4**	680.9	3057	13600	-	-	190	86
0.5 HP (0.37 kW)	2.4	2.1	10444	1180	**BF60G20-../D07LA4**	689.0	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	2.0	1.7	12922	1460	**BF60G20-../D07LA4**	813.2	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.9	0.85	14604	1650	**BF50G10-../D07LA4**	864.5	3057	13600	-	-	190	86
0.5 HP (0.37 kW)	1.8	1.5	14869	1680	**BF60G20-../D07LA4**	937.6	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.6	3.0	16816	1900	**BF70G20-../D07LA4**	1017	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	1.4	1.15	19472	2200	**BF60G20-../D07LA4**	1211	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.2	2.2	22569	2550	**BF70G20-../D07LA4**	1390	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	1.1	0.89	24782	2800	**BF60G20-../D07LA4**	1494	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.0	0.81	27437	3100	**BF60G20-../D07LA4**	1658	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.0	1.85	27437	3100	**BF70G20-../D07LA4**	1621	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	0.85	1.55	32748	3700	**BF70G20-../D07LA4**	1912	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	0.7	1.25	40271	4550	**BF70G20-../D07LA4**	2448	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	0.6	1.1	46909	5300	**BF70G20-../D07LA4**	2849	3619	16100	10723	47700	467	212

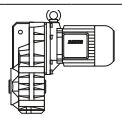
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	295	3.5	158	17.8	**BF06-../D08MA4**	5.72	360	1600	-	-	35	16
0.75 HP (0.55 kW)	220	2.9	208	23.5	**BF06-../D08MA4**	7.66	405	1800	-	-	35	16
0.75 HP (0.55 kW)	183	2.5	252	28.5	**BF06-../D08MA4**	9.21	427	1900	-	-	35	16
0.75 HP (0.55 kW)	140	2.0	332	37.5	**BF06-../D08MA4**	12.07	450	2000	-	-	35	16
0.75 HP (0.55 kW)	119	1.95	389	44	**BF06-../D08MA4**	14.21	472	2100	-	-	35	16
0.75 HP (0.55 kW)	99	1.8	469	53	**BF06-../D08MA4**	16.99	562	2500	-	-	35	16
0.75 HP (0.55 kW)	83	1.5	558	63	**BF06-../D08MA4**	20.42	607	2700	-	-	35	16
0.75 HP (0.55 kW)	66	3.0	699	79	**BF10-../D08MA4**	25.60	753	3350	-	-	60	27
0.75 HP (0.55 kW)	63	1.15	735	83	**BF06-../D08MA4**	26.76	674	3000	-	-	35	16
0.75 HP (0.55 kW)	60	2.8	770	87	**BF10-../D08MA4**	28.47	776	3450	-	-	60	27
0.75 HP (0.55 kW)	54	0.98	859	97	**BF06-../D08MA4**	31.50	719	3200	-	-	35	16
0.75 HP (0.55 kW)	54	2.5	859	97	**BF10-../D08MA4**	31.31	809	3600	-	-	60	27
0.75 HP (0.55 kW)	46.5	2.1	991	112	**BF10-../D08MA4**	36.15	854	3800	-	-	60	27
0.75 HP (0.55 kW)	45	0.82	1027	116	**BF06-../D08MA4**	37.69	787	3500	-	-	35	16
0.75 HP (0.55 kW)	42.5	1.95	1089	123	**BF10-../D08MA4**	39.75	888	3950	-	-	60	27
0.75 HP (0.55 kW)	40.5	3.3	1142	129	**BF20-../D08MA4**	41.72	1113	4950	-	-	73	33
0.75 HP (0.55 kW)	39.5	1.8	1168	132	**BF10-../D08MA4**	43.06	922	4100	-	-	60	27
0.75 HP (0.55 kW)	37	3.0	1248	141	**BF20-../D08MA4**	45.90	1147	5100	-	-	73	33
0.75 HP (0.55 kW)	35.5	1.65	1301	147	**BF10-../D08MA4**	47.35	955	4250	-	-	60	27
0.75 HP (0.55 kW)	35	2.8	1328	150	**BF20-../D08MA4**	48.56	1169	5200	-	-	73	33
0.75 HP (0.55 kW)	33	1.5	1407	159	**BF10-../D08MA4**	51.28	989	4400	-	-	60	27
0.75 HP (0.55 kW)	31.5	2.5	1469	166	**BF20-../D08MA4**	53.43	1236	5500	-	-	73	33
0.75 HP (0.55 kW)	30	1.35	1549	175	**BF10-../D08MA4**	56.39	1023	4550	-	-	60	27

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

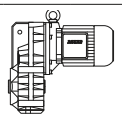
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	29.5	3.2	1575	178	**BF30-../D08MA4**	57.41	1169	5200	-	-	95	43
0.75 HP (0.55 kW)	29	2.3	1602	181	**BF20-../D08MA4**	58.24	1259	5600	-	-	73	33
0.75 HP (0.55 kW)	27.5	1.25	1690	191	**BF10-../D08MA4**	61.55	1057	4700	-	-	60	27
0.75 HP (0.55 kW)	27.5	3.0	1690	191	**BF30-../D08MA4**	61.17	1191	5300	-	-	95	43
0.75 HP (0.55 kW)	26.5	2.1	1752	198	**BF20-../D08MA4**	64.08	1326	5900	-	-	73	33
0.75 HP (0.55 kW)	25	1.15	1859	210	**BF10-../D08MA4**	67.69	1102	4900	-	-	60	27
0.75 HP (0.55 kW)	25	2.7	1859	210	**BF30-../D08MA4**	67.28	1236	5500	-	-	95	43
0.75 HP (0.55 kW)	24.5	2.0	1859	210	**BF20-../D08MA4**	69.70	1371	6100	-	-	73	33
0.75 HP (0.55 kW)	23.5	2.6	1947	220	**BF30-../D08MA4**	72.13	1281	5700	-	-	95	43
0.75 HP (0.55 kW)	22	1.0	2080	235	**BF10-../D08MA4**	77.55	1147	5100	-	-	60	27
0.75 HP (0.55 kW)	22	1.8	2080	235	**BF20-../D08MA4**	76.69	1416	6300	-	-	73	33
0.75 HP (0.55 kW)	21.5	2.4	2124	240	**BF30-../D08MA4**	79.34	1326	5900	-	-	95	43
0.75 HP (0.55 kW)	20	0.92	2301	260	**BF10-../D08MA4**	85.27	1191	5300	-	-	60	27
0.75 HP (0.55 kW)	19.5	1.6	2345	265	**BF20-../D08MA4**	87.31	1484	6600	-	-	73	33
0.75 HP (0.55 kW)	19.5	2.2	2345	265	**BF30-../D08MA4**	87.08	1394	6200	-	-	95	43
0.75 HP (0.55 kW)	18.5	0.86	2478	280	**BF10-../D08MA4**	90.91	1214	5400	-	-	60	27
0.75 HP (0.55 kW)	18.5	3.2	2478	280	**BF40-../D08MA4**	92.31	2046	9100	-	-	117	53
0.75 HP (0.55 kW)	18	2.0	2567	290	**BF30-../D08MA4**	95.79	1439	6400	-	-	95	43
0.75 HP (0.55 kW)	17	1.4	2699	305	**BF20-../D08MA4**	100.2	1574	7000	-	-	73	33
0.75 HP (0.55 kW)	17	3.0	2699	305	**BF40-../D08MA4**	101.0	2113	9400	-	-	117	53
0.75 HP (0.55 kW)	16	1.75	2876	325	**BF30-../D08MA4**	107.6	1506	6700	-	-	95	43
0.75 HP (0.55 kW)	15.5	1.25	2965	335	**BF20-../D08MA4**	110.2	1641	7300	-	-	73	33
0.75 HP (0.55 kW)	15.5	2.7	2965	335	**BF40-../D08MA4**	111.1	2203	9800	-	-	117	53
0.75 HP (0.55 kW)	14.5	1.6	3186	360	**BF30-../D08MA4**	118.3	1574	7000	-	-	95	43
0.75 HP (0.55 kW)	14	1.1	3319	375	**BF20-../D08MA4**	123.5	1709	7600	-	-	73	33
0.75 HP (0.55 kW)	13.5	1.5	3408	385	**BF30-../D08MA4**	124.7	1596	7100	-	-	95	43
0.75 HP (0.55 kW)	13.5	2.3	3408	385	**BF40-../D08MA4**	124.5	2293	10200	-	-	117	53
0.75 HP (0.55 kW)	12.5	1.0	3717	420	**BF20-../D08MA4**	135.9	1776	7900	-	-	73	33
0.75 HP (0.55 kW)	12.5	1.35	3717	420	**BF30-../D08MA4**	137.1	1664	7400	-	-	95	43
0.75 HP (0.55 kW)	12.5	2.1	3717	420	**BF40-../D08MA4**	137.0	2383	10600	-	-	117	53
0.75 HP (0.55 kW)	12.5	3.1	3717	420	**BF50Z-../D08MA4**	138.1	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	12	0.97	3850	435	**BF20Z-../D08MA4**	141.2	1776	7900	-	-	77	35
0.75 HP (0.55 kW)	12	2.1	3850	435	**BF40Z-../D08MA4**	141.4	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	11.5	1.25	4027	455	**BF30Z-../D08MA4**	150.7	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	11	0.88	4204	475	**BF20Z-../D08MA4**	155.4	1776	7900	-	-	77	35
0.75 HP (0.55 kW)	11	1.9	4204	475	**BF40Z-../D08MA4**	155.6	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	11	2.7	4204	475	**BF50Z-../D08MA4**	154.5	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	10.5	0.84	4425	500	**BF20Z-../D08MA4**	164.3	1776	7900	-	-	77	35
0.75 HP (0.55 kW)	10.5	1.15	4425	500	**BF30Z-../D08MA4**	165.8	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	9.9	1.7	4691	530	**BF40Z-../D08MA4**	171.2	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	9.6	1.05	4779	540	**BF30Z-../D08MA4**	176.6	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	9.2	2.3	5045	570	**BF50Z-../D08MA4**	183.5	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	9.0	1.55	5133	580	**BF40Z-../D08MA4**	188.3	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	8.7	0.96	5310	600	**BF30Z-../D08MA4**	194.3	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	8.4	1.45	5487	620	**BF40Z-../D08MA4**	202.2	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	8.2	2.0	5664	640	**BF50Z-../D08MA4**	205.2	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	7.6	1.3	6107	690	**BF40Z-../D08MA4**	222.4	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	7.6	3.3	6107	690	**BF60Z-../D08MA4**	221.4	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	7.5	0.82	6196	700	**BF30Z-../D08MA4**	224.8	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	6.9	3.0	6727	760	**BF60Z-../D08MA4**	245.6	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	6.8	1.7	6815	770	**BF50Z-../D08MA4**	247.5	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	6.7	1.15	6904	780	**BF40Z-../D08MA4**	253.2	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	6.1	1.05	7612	860	**BF40Z-../D08MA4**	278.5	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	6.1	1.5	7612	860	**BF50Z-../D08MA4**	276.8	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	5.8	2.6	7966	900	**BF60Z-../D08MA4**	293.4	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	5.7	0.98	8143	920	**BF40Z-../D08MA4**	295.1	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	5.4	1.35	8585	970	**BF50Z-../D08MA4**	316.6	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	5.2	0.89	8939	1010	**BF40Z-../D08MA4**	324.7	2383	10600	-	-	123	56

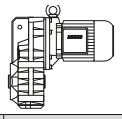
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	5.2	2.3	8939	1010	**BF60Z-../D08MA4**	325.6	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	4.9	0.84	9470	1070	**BF40Z-../D08MA4**	346.8	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	4.8	1.2	9647	1090	**BF50Z-../D08MA4**	354.0	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	4.5	2.0	10267	1160	**BF60Z-../D08MA4**	380.0	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	4.3	1.05	10798	1220	**BF50Z-../D08MA4**	392.8	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	4.0	1.75	11594	1310	**BF60Z-../D08MA4**	421.6	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	3.9	0.97	11860	1340	**BF50Z-../D08MA4**	439.3	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	3.7	1.65	12480	1410	**BF60Z-../D08MA4**	459.9	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	3.4	0.84	13630	1540	**BF50Z-../D08MA4**	496.4	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	3.3	1.45	14073	1590	**BF60Z-../D08MA4**	510.3	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	3.3	3.3	14073	1590	**BF70Z-../D08MA4**	512.4	3619	16100	10723	47700	481	218
0.75 HP (0.55 kW)	3.1	0.92	13453	1520	**BF50G10-../D08MA4**	555.9	3057	13600	-	-	198	90
0.75 HP (0.55 kW)	3.0	1.65	13365	1510	**BF60G20-../D08MA4**	569.3	3440	15300	9734	43300	302	137
0.75 HP (0.55 kW)	2.5	1.4	16020	1810	**BF60G20-../D08MA4**	689.0	3440	15300	9734	43300	302	137
0.75 HP (0.55 kW)	2.5	3.1	16020	1810	**BF70G20-../D08MA4**	673.6	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	2.1	1.15	19029	2150	**BF60G20-../D08MA4**	813.2	3440	15300	9734	43300	302	137
0.75 HP (0.55 kW)	2.0	2.4	20799	2350	**BF70G20-../D08MA4**	872.1	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	1.8	0.96	23012	2600	**BF60G20-../D08MA4**	937.6	3440	15300	9734	43300	302	137
0.75 HP (0.55 kW)	1.7	2.1	24340	2750	**BF70G20-../D08MA4**	1017	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	1.5	3.0	30978	3500	**BF80Z-../D08MA4**	1124	8902	39600	16861	75000	736	334
0.75 HP (0.55 kW)	1.3	1.55	32305	3650	**BF70G20-../D08MA4**	1390	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	1.1	1.3	38501	4350	**BF70G20-../D08MA4**	1621	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	1.0	2.9	32305	3650	**BF80G40-../D08MA4**	1693	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.9	1.05	47794	5400	**BF70G20-../D08MA4**	1912	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	0.85	2.3	40271	4550	**BF80G40-../D08MA4**	2051	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.7	1.8	52219	5900	**BF80G40-../D08MA4**	2422	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.65	1.75	53104	6000	**BF80G40-../D08MA4**	2785	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.65	3.2	50449	5700	**BF90G50-../D08MA4**	2656	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.6	2.8	57530	6500	**BF90G50-../D08MA4**	2952	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.55	1.4	65496	7400	**BF80G40-../D08MA4**	3092	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.55	2.6	61955	7000	**BF90G50-../D08MA4**	3286	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.49	1.25	75231	8500	**BF80G40-../D08MA4**	3461	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.47	2.2	76116	8600	**BF90G50-../D08MA4**	3644	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.44	1.1	84967	9600	**BF80G40-../D08MA4**	3843	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.39	1.7	96473	10900	**BF90G50-../D08MA4**	4366	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.35	1.5	110634	12500	**BF90G50-../D08MA4**	4839	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.29	1.2	138072	15600	**BF90G50-../D08MA4**	5888	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.26	1.05	155773	17600	**BF90G50-../D08MA4**	6529	9622	42800	26977	120000	1345	610

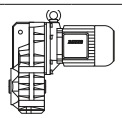
1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	305	2.7	204	23	**BF06-../DPE08XB4**	5.72	360	1600	-	-	40	18
1 HP (0.75 kW)	230	2.2	274	31	**BF06-../DPE08XB4**	7.66	405	1800	-	-	40	18
1 HP (0.75 kW)	189	1.85	332	37.5	**BF06-../DPE08XB4**	9.21	427	1900	-	-	40	18
1 HP (0.75 kW)	144	1.5	438	49.5	**BF06-../DPE08XB4**	12.07	450	2000	-	-	40	18
1 HP (0.75 kW)	123	1.45	513	58	**BF06-../DPE08XB4**	14.21	472	2100	-	-	40	18
1 HP (0.75 kW)	116	3.0	540	61	**BF10-../DPE08XB4**	15.04	629	2800	-	-	66	30
1 HP (0.75 kW)	103	1.4	611	69	**BF06-../DPE08XB4**	16.99	562	2500	-	-	40	18
1 HP (0.75 kW)	96	3.2	655	74	**BF10-../DPE08XB4**	18.23	652	2900	-	-	66	30
1 HP (0.75 kW)	87	2.9	726	82	**BF10-../DPE08XB4**	20.05	674	3000	-	-	66	30

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

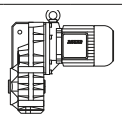
1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	85	1.15	743	84	**BF06-../DPE08XB4**	20.42	607	2700	-	-	40	18
1 HP (0.75 kW)	75	2.5	841	95	**BF10-../DPE08XB4**	23.28	719	3200	-	-	66	30
1 HP (0.75 kW)	68	2.3	929	105	**BF10-../DPE08XB4**	25.60	753	3350	-	-	66	30
1 HP (0.75 kW)	65	0.86	974	110	**BF06-../DPE08XB4**	26.76	674	3000	-	-	40	18
1 HP (0.75 kW)	61	2.1	1036	117	**BF10-../DPE08XB4**	28.47	776	3450	-	-	66	30
1 HP (0.75 kW)	56	1.9	1124	127	**BF10-../DPE08XB4**	31.31	809	3600	-	-	66	30
1 HP (0.75 kW)	54	3.2	1168	132	**BF20-../DPE08XB4**	32.58	1000	4450	-	-	79	36
1 HP (0.75 kW)	48.5	2.9	1301	147	**BF20-../DPE08XB4**	35.85	1045	4650	-	-	79	36
1 HP (0.75 kW)	48	1.6	1319	149	**BF10-../DPE08XB4**	36.15	854	3800	-	-	66	30
1 HP (0.75 kW)	44	1.5	1434	162	**BF10-../DPE08XB4**	39.75	888	3950	-	-	66	30
1 HP (0.75 kW)	42	2.5	1505	170	**BF20-../DPE08XB4**	41.72	1113	4950	-	-	79	36
1 HP (0.75 kW)	40.5	1.35	1558	176	**BF10-../DPE08XB4**	43.06	922	4100	-	-	66	30
1 HP (0.75 kW)	38.5	3.1	1646	186	**BF30-../DPE08XB4**	45.10	1057	4700	-	-	101	46
1 HP (0.75 kW)	38	2.2	1664	188	**BF20-../DPE08XB4**	45.90	1147	5100	-	-	79	36
1 HP (0.75 kW)	37	1.25	1708	193	**BF10-../DPE08XB4**	47.35	955	4250	-	-	66	30
1 HP (0.75 kW)	36	2.1	1752	198	**BF20-../DPE08XB4**	48.56	1169	5200	-	-	79	36
1 HP (0.75 kW)	34	1.15	1859	210	**BF10-../DPE08XB4**	51.28	989	4400	-	-	66	30
1 HP (0.75 kW)	33.5	2.7	1859	210	**BF30-../DPE08XB4**	52.20	1124	5000	-	-	101	46
1 HP (0.75 kW)	32.5	1.9	1947	220	**BF20-../DPE08XB4**	53.43	1236	5500	-	-	79	36
1 HP (0.75 kW)	31	1.05	2036	230	**BF10-../DPE08XB4**	56.39	1023	4550	-	-	66	30
1 HP (0.75 kW)	30.5	2.5	2036	230	**BF30-../DPE08XB4**	57.41	1169	5200	-	-	101	46
1 HP (0.75 kW)	30	1.8	2080	235	**BF20-../DPE08XB4**	58.24	1259	5600	-	-	79	36
1 HP (0.75 kW)	28.5	0.96	2213	250	**BF10-../DPE08XB4**	61.55	1057	4700	-	-	66	30
1 HP (0.75 kW)	28.5	2.3	2213	250	**BF30-../DPE08XB4**	61.17	1191	5300	-	-	101	46
1 HP (0.75 kW)	27.5	1.6	2301	260	**BF20-../DPE08XB4**	64.08	1326	5900	-	-	79	36
1 HP (0.75 kW)	26	0.87	2434	275	**BF10-../DPE08XB4**	67.69	1102	4900	-	-	66	30
1 HP (0.75 kW)	26	2.1	2434	275	**BF30-../DPE08XB4**	67.28	1236	5500	-	-	101	46
1 HP (0.75 kW)	26	3.3	2434	275	**BF40-../DPE08XB4**	67.38	1798	8000	-	-	123	56
1 HP (0.75 kW)	25	1.45	2522	285	**BF20-../DPE08XB4**	69.70	1371	6100	-	-	79	36
1 HP (0.75 kW)	24.5	2.0	2567	290	**BF30-../DPE08XB4**	72.13	1281	5700	-	-	101	46
1 HP (0.75 kW)	24.5	3.1	2567	290	**BF40-../DPE08XB4**	71.40	1821	8100	-	-	123	56
1 HP (0.75 kW)	23	1.35	2744	310	**BF20-../DPE08XB4**	76.69	1416	6300	-	-	79	36
1 HP (0.75 kW)	22.5	2.9	2788	315	**BF40-../DPE08XB4**	78.55	1911	8500	-	-	123	56
1 HP (0.75 kW)	22	1.75	2876	325	**BF30-../DPE08XB4**	79.34	1326	5900	-	-	101	46
1 HP (0.75 kW)	21	2.6	3009	340	**BF40-../DPE08XB4**	83.91	1956	8700	-	-	123	56
1 HP (0.75 kW)	20	1.2	3142	355	**BF20-../DPE08XB4**	87.31	1484	6600	-	-	79	36
1 HP (0.75 kW)	20	1.6	3142	355	**BF30-../DPE08XB4**	87.08	1394	6200	-	-	101	46
1 HP (0.75 kW)	19	2.4	3319	375	**BF40-../DPE08XB4**	92.31	2046	9100	-	-	123	56
1 HP (0.75 kW)	18.5	1.1	3408	385	**BF20-../DPE08XB4**	96.08	1551	6900	-	-	79	36
1 HP (0.75 kW)	18.5	1.5	3408	385	**BF30-../DPE08XB4**	95.79	1439	6400	-	-	101	46
1 HP (0.75 kW)	17.5	1.05	3585	405	**BF20-../DPE08XB4**	100.2	1574	7000	-	-	79	36
1 HP (0.75 kW)	17.5	2.2	3585	405	**BF40-../DPE08XB4**	101.0	2113	9400	-	-	123	56
1 HP (0.75 kW)	17.5	3.2	3585	405	**BF50-../DPE08XB4**	100.9	2765	12300	-	-	185	84
1 HP (0.75 kW)	16.5	1.35	3806	430	**BF30-../DPE08XB4**	107.6	1506	6700	-	-	101	46
1 HP (0.75 kW)	16	0.94	3939	445	**BF20-../DPE08XB4**	110.2	1641	7300	-	-	79	36
1 HP (0.75 kW)	16	2.0	3939	445	**BF40-../DPE08XB4**	111.1	2203	9800	-	-	123	56
1 HP (0.75 kW)	15.5	2.8	4071	460	**BF50-../DPE08XB4**	114.0	2900	12900	-	-	185	84
1 HP (0.75 kW)	15	1.2	4204	475	**BF30-../DPE08XB4**	118.3	1574	7000	-	-	101	46
1 HP (0.75 kW)	14.5	0.86	4337	490	**BF20-../DPE08XB4**	123.5	1709	7600	-	-	79	36
1 HP (0.75 kW)	14	1.15	4514	510	**BF30-../DPE08XB4**	124.7	1596	7100	-	-	101	46
1 HP (0.75 kW)	14	1.75	4514	510	**BF40-../DPE08XB4**	124.5	2293	10200	-	-	123	56
1 HP (0.75 kW)	14	2.5	4514	510	**BF50-../DPE08XB4**	127.5	3057	13600	-	-	185	84
1 HP (0.75 kW)	13	1.05	4868	550	**BF30-../DPE08XB4**	137.1	1664	7400	-	-	101	46
1 HP (0.75 kW)	13	1.65	4868	550	**BF40-../DPE08XB4**	137.0	2383	10600	-	-	123	56
1 HP (0.75 kW)	13	2.4	4868	550	**BF50Z-../DPE08XB4**	138.1	3057	13600	-	-	196	89
1 HP (0.75 kW)	12.5	1.6	5045	570	**BF40Z-../DPE08XB4**	141.4	2383	10600	-	-	130	59
1 HP (0.75 kW)	12	0.97	5222	590	**BF30Z-../DPE08XB4**	150.7	1664	7400	-	-	108	49
1 HP (0.75 kW)	11.5	1.45	5487	620	**BF40Z-../DPE08XB4**	155.6	2383	10600	-	-	130	59

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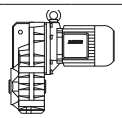
1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	11.5	2.1	5487	620	**BF50Z-../DPE08XB4**	154.5	3057	13600	-	-	196	89
1 HP (0.75 kW)	10.5	0.85	6019	680	**BF30Z-../DPE08XB4**	165.8	1664	7400	-	-	108	49
1 HP (0.75 kW)	10.5	1.3	6019	680	**BF40Z-../DPE08XB4**	171.2	2383	10600	-	-	130	59
1 HP (0.75 kW)	9.9	0.8	6373	720	**BF30Z-../DPE08XB4**	176.6	1664	7400	-	-	108	49
1 HP (0.75 kW)	9.5	1.75	6638	750	**BF50Z-../DPE08XB4**	183.5	3057	13600	-	-	196	89
1 HP (0.75 kW)	9.3	1.15	6815	770	**BF40Z-../DPE08XB4**	188.3	2383	10600	-	-	130	59
1 HP (0.75 kW)	9.3	3.0	6815	770	**BF60Z-../DPE08XB4**	187.7	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	8.6	1.1	7346	830	**BF40Z-../DPE08XB4**	202.2	2383	10600	-	-	130	59
1 HP (0.75 kW)	8.5	1.55	7435	840	**BF50Z-../DPE08XB4**	205.2	3057	13600	-	-	196	89
1 HP (0.75 kW)	7.9	1.0	7966	900	**BF40Z-../DPE08XB4**	222.4	2383	10600	-	-	130	59
1 HP (0.75 kW)	7.9	2.6	7966	900	**BF60Z-../DPE08XB4**	221.4	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	7.1	1.3	8851	1000	**BF50Z-../DPE08XB4**	247.5	3057	13600	-	-	196	89
1 HP (0.75 kW)	7.1	2.3	8851	1000	**BF60Z-../DPE08XB4**	245.6	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	6.9	0.87	9116	1030	**BF40Z-../DPE08XB4**	253.2	2383	10600	-	-	130	59
1 HP (0.75 kW)	6.3	0.8	10001	1130	**BF40Z-../DPE08XB4**	278.5	2383	10600	-	-	130	59
1 HP (0.75 kW)	6.3	1.15	10001	1130	**BF50Z-../DPE08XB4**	276.8	3057	13600	-	-	196	89
1 HP (0.75 kW)	6.0	1.95	10532	1190	**BF60Z-../DPE08XB4**	293.4	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	5.5	1.0	11506	1300	**BF50Z-../DPE08XB4**	316.6	3057	13600	-	-	196	89
1 HP (0.75 kW)	5.4	1.75	11683	1320	**BF60Z-../DPE08XB4**	325.6	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	5.0	0.91	12657	1430	**BF50Z-../DPE08XB4**	354.0	3057	13600	-	-	196	89
1 HP (0.75 kW)	4.6	1.5	13719	1550	**BF60Z-../DPE08XB4**	380.0	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	4.5	0.82	14073	1590	**BF50Z-../DPE08XB4**	392.8	3057	13600	-	-	196	89
1 HP (0.75 kW)	4.4	3.2	14338	1620	**BF70Z-../DPE08XB4**	398.7	3619	16100	10723	47700	487	221
1 HP (0.75 kW)	4.2	1.35	15046	1700	**BF60Z-../DPE08XB4**	421.6	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	4.0	2.9	15843	1790	**BF70Z-../DPE08XB4**	439.2	3619	16100	10723	47700	487	221
1 HP (0.75 kW)	3.8	1.2	16639	1880	**BF60Z-../DPE08XB4**	459.9	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	3.4	1.1	18587	2100	**BF60Z-../DPE08XB4**	510.3	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	3.4	2.5	18587	2100	**BF70Z-../DPE08XB4**	512.4	3619	16100	10723	47700	487	221
1 HP (0.75 kW)	3.1	1.2	18144	2050	**BF60G20-../DPE08XB4**	569.3	3440	15300	9734	43300	309	140
1 HP (0.75 kW)	3.1	2.8	18144	2050	**BF70G20-../DPE08XB4**	577.5	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	2.6	1.0	21684	2450	**BF60G20-../DPE08XB4**	689.0	3440	15300	9734	43300	309	140
1 HP (0.75 kW)	2.6	2.3	21684	2450	**BF70G20-../DPE08XB4**	673.6	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	2.2	0.86	25667	2900	**BF60G20-../DPE08XB4**	813.2	3440	15300	9734	43300	309	140
1 HP (0.75 kW)	2.0	1.75	29207	3300	**BF70G20-../DPE08XB4**	872.1	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	2.0	3.0	31420	3550	**BF80Z-../DPE08XB4**	874.6	8902	39600	16861	75000	745	338
1 HP (0.75 kW)	1.8	1.55	32305	3650	**BF70G20-../DPE08XB4**	1017	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	1.8	2.7	34960	3950	**BF80Z-../DPE08XB4**	990.4	8902	39600	16861	75000	745	338
1 HP (0.75 kW)	1.6	2.4	39386	4450	**BF80Z-../DPE08XB4**	1124	8902	39600	16861	75000	745	338
1 HP (0.75 kW)	1.4	2.9	32305	3650	**BF80G40-../DPE08XB4**	1329	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	1.3	1.1	45139	5100	**BF70G20-../DPE08XB4**	1390	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	1.2	2.3	40271	4550	**BF80G40-../DPE08XB4**	1491	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	1.1	0.93	53990	6100	**BF70G20-../DPE08XB4**	1621	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	1.1	2.1	43369	4900	**BF80G40-../DPE08XB4**	1693	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.95	3.2	50449	5700	**BF90G50-../DPE08XB4**	1867	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.85	1.55	60185	6800	**BF80G40-../DPE08XB4**	2051	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.85	2.9	55760	6300	**BF90G50-../DPE08XB4**	2154	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.75	1.35	69921	7900	**BF80G40-../DPE08XB4**	2422	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.7	2.4	69036	7800	**BF90G50-../DPE08XB4**	2656	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.65	1.2	78772	8900	**BF80G40-../DPE08XB4**	2785	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.6	1.05	86737	9800	**BF80G40-../DPE08XB4**	3092	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.6	1.95	84967	9600	**BF90G50-../DPE08XB4**	2952	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.55	1.75	92933	10500	**BF90G50-../DPE08XB4**	3286	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.48	1.5	109749	12400	**BF90G50-../DPE08XB4**	3644	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.4	1.2	136301	15400	**BF90G50-../DPE08XB4**	4366	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.36	1.05	153118	17300	**BF90G50-../DPE08XB4**	4839	9622	42800	26977	120000	1354	614

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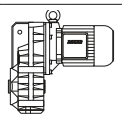
1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	315	4.2	292	33	**BF10-../DPE09XB4**	5.60	438	1950	-	-	88	40
1.5 HP (1.1 kW)	235	3.4	394	44.5	**BF10-../DPE09XB4**	7.58	495	2200	-	-	88	40
1.5 HP (1.1 kW)	182	3.1	504	57	**BF10-../DPE09XB4**	9.69	528	2350	-	-	88	40
1.5 HP (1.1 kW)	149	2.6	620	70	**BF10-../DPE09XB4**	11.84	562	2500	-	-	88	40
1.5 HP (1.1 kW)	117	2.1	788	89	**BF10-../DPE09XB4**	15.04	629	2800	-	-	88	40
1.5 HP (1.1 kW)	113	3.3	814	92	**BF20-../DPE09XB4**	15.54	776	3450	-	-	101	46
1.5 HP (1.1 kW)	97	2.2	956	108	**BF10-../DPE09XB4**	18.23	652	2900	-	-	88	40
1.5 HP (1.1 kW)	88	2.0	1053	119	**BF10-../DPE09XB4**	20.05	674	3000	-	-	88	40
1.5 HP (1.1 kW)	80	3.0	1159	131	**BF20-../DPE09XB4**	22.04	854	3800	-	-	101	46
1.5 HP (1.1 kW)	76	1.75	1221	138	**BF10-../DPE09XB4**	23.28	719	3200	-	-	88	40
1.5 HP (1.1 kW)	73	2.8	1266	143	**BF20-../DPE09XB4**	24.25	888	3950	-	-	101	46
1.5 HP (1.1 kW)	69	1.6	1345	152	**BF10-../DPE09XB4**	25.60	753	3350	-	-	88	40
1.5 HP (1.1 kW)	64	2.6	1452	164	**BF20-../DPE09XB4**	27.62	933	4150	-	-	101	46
1.5 HP (1.1 kW)	62	1.4	1496	169	**BF10-../DPE09XB4**	28.47	776	3450	-	-	88	40
1.5 HP (1.1 kW)	58	2.3	1602	181	**BF20-../DPE09XB4**	30.40	989	4400	-	-	101	46
1.5 HP (1.1 kW)	57	1.3	1629	184	**BF10-../DPE09XB4**	31.31	809	3600	-	-	88	40
1.5 HP (1.1 kW)	57	3.1	1629	184	**BF30-../DPE09XB4**	31.05	899	4000	-	-	126	57
1.5 HP (1.1 kW)	54	2.2	1717	194	**BF20-../DPE09XB4**	32.58	1000	4450	-	-	101	46
1.5 HP (1.1 kW)	51	2.8	1814	205	**BF30-../DPE09XB4**	35.00	944	4200	-	-	126	57
1.5 HP (1.1 kW)	49	1.15	1859	210	**BF10-../DPE09XB4**	36.15	854	3800	-	-	88	40
1.5 HP (1.1 kW)	49	2.0	1859	210	**BF20-../DPE09XB4**	35.85	1045	4650	-	-	101	46
1.5 HP (1.1 kW)	46	2.6	1991	225	**BF30-../DPE09XB4**	38.49	989	4400	-	-	126	57
1.5 HP (1.1 kW)	44.5	1.0	2080	235	**BF10-../DPE09XB4**	39.75	888	3950	-	-	88	40
1.5 HP (1.1 kW)	43	2.4	2124	240	**BF30-../DPE09XB4**	41.01	1012	4500	-	-	126	57
1.5 HP (1.1 kW)	42.5	1.7	2168	245	**BF20-../DPE09XB4**	41.72	1113	4950	-	-	101	46
1.5 HP (1.1 kW)	41	0.94	2257	255	**BF10-../DPE09XB4**	43.06	922	4100	-	-	88	40
1.5 HP (1.1 kW)	39	2.2	2345	265	**BF30-../DPE09XB4**	45.10	1057	4700	-	-	126	57
1.5 HP (1.1 kW)	38.5	1.55	2390	270	**BF20-../DPE09XB4**	45.90	1147	5100	-	-	101	46
1.5 HP (1.1 kW)	37.5	0.86	2478	280	**BF10-../DPE09XB4**	47.35	955	4250	-	-	88	40
1.5 HP (1.1 kW)	36.5	1.45	2522	285	**BF20-../DPE09XB4**	48.56	1169	5200	-	-	101	46
1.5 HP (1.1 kW)	36	3.1	2567	290	**BF40-../DPE09XB4**	48.92	1574	7000	-	-	146	66
1.5 HP (1.1 kW)	34.5	0.8	2655	300	**BF10-../DPE09XB4**	51.28	989	4400	-	-	88	40
1.5 HP (1.1 kW)	34	1.9	2699	305	**BF30-../DPE09XB4**	52.20	1124	5000	-	-	126	57
1.5 HP (1.1 kW)	33	1.35	2788	315	**BF20-../DPE09XB4**	53.43	1236	5500	-	-	101	46
1.5 HP (1.1 kW)	33	2.9	2788	315	**BF40-../DPE09XB4**	53.82	1619	7200	-	-	146	66
1.5 HP (1.1 kW)	31	1.7	2965	335	**BF30-../DPE09XB4**	57.41	1169	5200	-	-	126	57
1.5 HP (1.1 kW)	30.5	1.25	3009	340	**BF20-../DPE09XB4**	58.24	1259	5600	-	-	101	46
1.5 HP (1.1 kW)	29	1.6	3186	360	**BF30-../DPE09XB4**	61.17	1191	5300	-	-	126	57
1.5 HP (1.1 kW)	29	2.5	3186	360	**BF40-../DPE09XB4**	61.25	1709	7600	-	-	146	66
1.5 HP (1.1 kW)	27.5	1.1	3363	380	**BF20-../DPE09XB4**	64.08	1326	5900	-	-	101	46
1.5 HP (1.1 kW)	26.5	1.45	3496	395	**BF30-../DPE09XB4**	67.28	1236	5500	-	-	126	57
1.5 HP (1.1 kW)	26.5	2.3	3496	395	**BF40-../DPE09XB4**	67.38	1798	8000	-	-	146	66
1.5 HP (1.1 kW)	25.5	1.0	3629	410	**BF20-../DPE09XB4**	69.70	1371	6100	-	-	101	46
1.5 HP (1.1 kW)	25	2.1	3717	420	**BF40-../DPE09XB4**	71.40	1821	8100	-	-	146	66
1.5 HP (1.1 kW)	24.5	1.35	3762	425	**BF30-../DPE09XB4**	72.13	1281	5700	-	-	126	57
1.5 HP (1.1 kW)	24.5	3.1	3762	425	**BF50-../DPE09XB4**	72.72	2405	10700	-	-	207	94
1.5 HP (1.1 kW)	23	0.92	4027	455	**BF20-../DPE09XB4**	76.69	1416	6300	-	-	101	46
1.5 HP (1.1 kW)	22.5	1.25	4116	465	**BF30-../DPE09XB4**	79.34	1326	5900	-	-	126	57
1.5 HP (1.1 kW)	22.5	1.95	4116	465	**BF40-../DPE09XB4**	78.55	1911	8500	-	-	146	66
1.5 HP (1.1 kW)	22	2.7	4204	475	**BF50-../DPE09XB4**	81.33	2540	11300	-	-	207	94
1.5 HP (1.1 kW)	21	1.8	4425	500	**BF40-../DPE09XB4**	83.91	1956	8700	-	-	146	66
1.5 HP (1.1 kW)	20.5	0.82	4514	510	**BF20-../DPE09XB4**	87.31	1484	6600	-	-	101	46
1.5 HP (1.1 kW)	20.5	1.15	4514	510	**BF30-../DPE09XB4**	87.08	1394	6200	-	-	126	57
1.5 HP (1.1 kW)	19.5	1.7	4691	530	**BF40-../DPE09XB4**	92.31	2046	9100	-	-	146	66
1.5 HP (1.1 kW)	19.5	2.5	4691	530	**BF50-../DPE09XB4**	90.24	2653	11800	-	-	207	94
1.5 HP (1.1 kW)	18.5	1.05	4956	560	**BF30-../DPE09XB4**	95.79	1439	6400	-	-	126	57
1.5 HP (1.1 kW)	17.5	1.5	5310	600	**BF40-../DPE09XB4**	101.0	2113	9400	-	-	146	66
1.5 HP (1.1 kW)	17.5	2.2	5310	600	**BF50-../DPE09XB4**	100.9	2765	12300	-	-	207	94

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

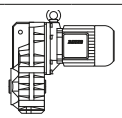
1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	16.5	0.91	5576	630	**BF30-../DPE09XB4**	107.6	1506	6700	-	-	126	57
1.5 HP (1.1 kW)	16	1.4	5753	650	**BF40-../DPE09XB4**	111.1	2203	9800	-	-	146	66
1.5 HP (1.1 kW)	15.5	1.95	5930	670	**BF50-../DPE09XB4**	114.0	2900	12900	-	-	207	94
1.5 HP (1.1 kW)	14.5	0.8	6373	720	**BF30-../DPE09XB4**	124.7	1596	7100	-	-	126	57
1.5 HP (1.1 kW)	14.5	1.25	6373	720	**BF40-../DPE09XB4**	124.5	2293	10200	-	-	146	66
1.5 HP (1.1 kW)	14	1.75	6638	750	**BF50-../DPE09XB4**	127.5	3057	13600	-	-	207	94
1.5 HP (1.1 kW)	14	3.1	6638	750	**BF60-../DPE09XB4**	125.5	3440	15300	9734	43300	273	124
1.5 HP (1.1 kW)	13	1.15	7081	800	**BF40-../DPE09XB4**	137.0	2383	10600	-	-	146	66
1.5 HP (1.1 kW)	13	1.65	7081	800	**BF50Z-../DPE09XB4**	138.1	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	12.5	1.05	7435	840	**BF40Z-../DPE09XB4**	141.4	2383	10600	-	-	154	70
1.5 HP (1.1 kW)	12.5	2.7	7435	840	**BF60Z-../DPE09XB4**	140.8	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	11.5	0.99	8054	910	**BF40Z-../DPE09XB4**	155.6	2383	10600	-	-	154	70
1.5 HP (1.1 kW)	11.5	1.45	8054	910	**BF50Z-../DPE09XB4**	154.5	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	10.5	0.9	8851	1000	**BF40Z-../DPE09XB4**	171.2	2383	10600	-	-	154	70
1.5 HP (1.1 kW)	10.5	2.3	8851	1000	**BF60Z-../DPE09XB4**	169.2	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	9.6	1.2	9647	1090	**BF50Z-../DPE09XB4**	183.5	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	9.4	0.81	9824	1110	**BF40Z-../DPE09XB4**	188.3	2383	10600	-	-	154	70
1.5 HP (1.1 kW)	9.4	2.1	9824	1110	**BF60Z-../DPE09XB4**	187.7	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	8.6	1.05	10798	1220	**BF50Z-../DPE09XB4**	205.2	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	8.0	1.75	11594	1310	**BF60Z-../DPE09XB4**	221.4	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	7.2	1.6	12834	1450	**BF60Z-../DPE09XB4**	245.6	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	7.1	0.88	13011	1470	**BF50Z-../DPE09XB4**	247.5	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	6.0	1.3	15489	1750	**BF60Z-../DPE09XB4**	293.4	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	5.9	2.9	15754	1780	**BF70Z-../DPE09XB4**	301.8	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	5.4	1.2	17170	1940	**BF60Z-../DPE09XB4**	325.6	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	5.2	2.6	17701	2000	**BF70Z-../DPE09XB4**	341.7	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	4.7	1.05	19472	2200	**BF60Z-../DPE09XB4**	380.0	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	4.5	2.3	20357	2300	**BF70Z-../DPE09XB4**	398.7	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	4.2	0.92	22127	2500	**BF60Z-../DPE09XB4**	421.6	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	4.0	2.0	23012	2600	**BF70Z-../DPE09XB4**	439.2	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	3.9	0.87	23454	2650	**BF60Z-../DPE09XB4**	459.9	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	3.5	1.75	26552	3000	**BF70Z-../DPE09XB4**	512.4	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	3.4	2.0	25225	2850	**BF70G20-../DPE09XB4**	524.1	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	3.1	1.85	27437	3100	**BF70G20-../DPE09XB4**	577.5	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	3.1	3.1	29650	3350	**BF80Z-../DPE09XB4**	583.4	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	2.7	1.6	31863	3600	**BF70G20-../DPE09XB4**	673.6	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	2.7	2.7	34075	3850	**BF80Z-../DPE09XB4**	662.1	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	2.3	2.3	40271	4550	**BF80Z-../DPE09XB4**	770.6	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	2.1	1.2	41599	4700	**BF70G20-../DPE09XB4**	872.1	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	2.1	2.1	44254	5000	**BF80Z-../DPE09XB4**	874.6	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	1.8	1.05	48679	5500	**BF70G20-../DPE09XB4**	1017	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	1.8	1.8	51334	5800	**BF80Z-../DPE09XB4**	990.4	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	1.6	1.6	57530	6500	**BF80Z-../DPE09XB4**	1124	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	1.4	1.75	53104	6000	**BF80G40-../DPE09XB4**	1329	8902	39600	16861	75000	778	353
1.5 HP (1.1 kW)	1.3	2.8	59300	6700	**BF90G50-../DPE09XB4**	1444	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	1.2	1.45	64610	7300	**BF80G40-../DPE09XB4**	1491	8902	39600	16861	75000	778	353
1.5 HP (1.1 kW)	1.1	1.35	69921	7900	**BF80G40-../DPE09XB4**	1693	8902	39600	16861	75000	778	353
1.5 HP (1.1 kW)	1.1	2.3	69921	7900	**BF90G50-../DPE09XB4**	1678	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.95	2.0	81427	9200	**BF90G50-../DPE09XB4**	1867	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.9	1.05	88507	10000	**BF80G40-../DPE09XB4**	2051	8902	39600	16861	75000	778	353
1.5 HP (1.1 kW)	0.85	1.8	91163	10300	**BF90G50-../DPE09XB4**	2154	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.7	1.45	111519	12600	**BF90G50-../DPE09XB4**	2656	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.6	1.2	134531	15200	**BF90G50-../DPE09XB4**	2952	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.55	1.1	146037	16500	**BF90G50-../DPE09XB4**	3286	9622	42800	26977	120000	1376	624

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

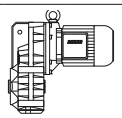
2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	315	3.1	398	45	**BF10-../DPE09XB4**	5.60	438	1950	-	-	88	40
2 HP (1.5 kW)	235	2.6	531	60	**BF10-../DPE09XB4**	7.58	495	2200	-	-	88	40
2 HP (1.5 kW)	181	2.2	699	79	**BF10-../DPE09XB4**	9.69	528	2350	-	-	88	40
2 HP (1.5 kW)	167	3.0	752	85	**BF20-../DPE09XB4**	10.51	697	3100	-	-	101	46
2 HP (1.5 kW)	148	1.9	850	96	**BF10-../DPE09XB4**	11.84	562	2500	-	-	88	40
2 HP (1.5 kW)	133	2.7	947	107	**BF20-../DPE09XB4**	13.18	742	3300	-	-	101	46
2 HP (1.5 kW)	117	1.5	1080	122	**BF10-../DPE09XB4**	15.04	629	2800	-	-	88	40
2 HP (1.5 kW)	113	2.4	1115	126	**BF20-../DPE09XB4**	15.54	776	3450	-	-	101	46
2 HP (1.5 kW)	110	3.1	1151	130	**BF30-../DPE09XB4**	16.00	731	3250	-	-	126	57
2 HP (1.5 kW)	105	2.7	1204	136	**BF20-../DPE09XB4**	16.77	787	3500	-	-	101	46
2 HP (1.5 kW)	99	3.3	1275	144	**BF30-../DPE09XB4**	17.65	742	3300	-	-	126	57
2 HP (1.5 kW)	96	1.6	1319	149	**BF10-../DPE09XB4**	18.23	652	2900	-	-	88	40
2 HP (1.5 kW)	95	2.5	1328	150	**BF20-../DPE09XB4**	18.45	809	3600	-	-	101	46
2 HP (1.5 kW)	90	3.2	1407	159	**BF30-../DPE09XB4**	19.41	764	3400	-	-	126	57
2 HP (1.5 kW)	88	1.5	1434	162	**BF10-../DPE09XB4**	20.05	674	3000	-	-	88	40
2 HP (1.5 kW)	80	2.2	1584	179	**BF20-../DPE09XB4**	22.04	854	3800	-	-	101	46
2 HP (1.5 kW)	80	3.0	1584	179	**BF30-../DPE09XB4**	21.85	787	3500	-	-	126	57
2 HP (1.5 kW)	75	1.25	1690	191	**BF10-../DPE09XB4**	23.28	719	3200	-	-	88	40
2 HP (1.5 kW)	73	2.8	1735	196	**BF30-../DPE09XB4**	24.03	809	3600	-	-	126	57
2 HP (1.5 kW)	72	2.0	1752	198	**BF20-../DPE09XB4**	24.25	888	3950	-	-	101	46
2 HP (1.5 kW)	69	1.15	1814	205	**BF10-../DPE09XB4**	25.60	753	3350	-	-	88	40
2 HP (1.5 kW)	64	1.9	1947	220	**BF20-../DPE09XB4**	27.62	933	4150	-	-	101	46
2 HP (1.5 kW)	62	1.05	2036	230	**BF10-../DPE09XB4**	28.47	776	3450	-	-	88	40
2 HP (1.5 kW)	62	2.5	2036	230	**BF30-../DPE09XB4**	28.23	854	3800	-	-	126	57
2 HP (1.5 kW)	58	1.7	2168	245	**BF20-../DPE09XB4**	30.40	989	4400	-	-	101	46
2 HP (1.5 kW)	57	2.3	2213	250	**BF30-../DPE09XB4**	31.05	899	4000	-	-	126	57
2 HP (1.5 kW)	56	0.94	2257	255	**BF10-../DPE09XB4**	31.31	809	3600	-	-	88	40
2 HP (1.5 kW)	54	1.6	2345	265	**BF20-../DPE09XB4**	32.58	1000	4450	-	-	101	46
2 HP (1.5 kW)	52	3.1	2434	275	**BF40-../DPE09XB4**	34.21	1349	6000	-	-	146	66
2 HP (1.5 kW)	50	2.0	2522	285	**BF30-../DPE09XB4**	35.00	944	4200	-	-	126	57
2 HP (1.5 kW)	49	1.45	2567	290	**BF20-../DPE09XB4**	35.85	1045	4650	-	-	101	46
2 HP (1.5 kW)	48.5	0.81	2611	295	**BF10-../DPE09XB4**	36.15	854	3800	-	-	88	40
2 HP (1.5 kW)	46.5	2.9	2699	305	**BF40-../DPE09XB4**	37.64	1394	6200	-	-	146	66
2 HP (1.5 kW)	45.5	1.85	2744	310	**BF30-../DPE09XB4**	38.49	989	4400	-	-	126	57
2 HP (1.5 kW)	43	1.75	2921	330	**BF30-../DPE09XB4**	41.01	1012	4500	-	-	126	57
2 HP (1.5 kW)	42.5	2.7	2965	335	**BF40-../DPE09XB4**	41.42	1461	6500	-	-	146	66
2 HP (1.5 kW)	42	1.25	3009	340	**BF20-../DPE09XB4**	41.72	1113	4950	-	-	101	46
2 HP (1.5 kW)	39	1.6	3231	365	**BF30-../DPE09XB4**	45.10	1057	4700	-	-	126	57
2 HP (1.5 kW)	38.5	1.15	3275	370	**BF20-../DPE09XB4**	45.90	1147	5100	-	-	101	46
2 HP (1.5 kW)	38.5	2.4	3275	370	**BF40-../DPE09XB4**	45.56	1529	6800	-	-	146	66
2 HP (1.5 kW)	36	1.05	3496	395	**BF20-../DPE09XB4**	48.56	1169	5200	-	-	101	46
2 HP (1.5 kW)	36	2.3	3496	395	**BF40-../DPE09XB4**	48.92	1574	7000	-	-	146	66
2 HP (1.5 kW)	33.5	1.35	3762	425	**BF30-../DPE09XB4**	52.20	1124	5000	-	-	126	57
2 HP (1.5 kW)	33	0.98	3806	430	**BF20-../DPE09XB4**	53.43	1236	5500	-	-	101	46
2 HP (1.5 kW)	32.5	2.0	3894	440	**BF40-../DPE09XB4**	53.82	1619	7200	-	-	146	66
2 HP (1.5 kW)	31	2.8	4071	460	**BF50-../DPE09XB4**	56.86	2091	9300	-	-	207	94
2 HP (1.5 kW)	30.5	1.25	4116	465	**BF30-../DPE09XB4**	57.41	1169	5200	-	-	126	57
2 HP (1.5 kW)	30	0.88	4204	475	**BF20-../DPE09XB4**	58.24	1259	5600	-	-	101	46
2 HP (1.5 kW)	29	1.15	4337	490	**BF30-../DPE09XB4**	61.17	1191	5300	-	-	126	57
2 HP (1.5 kW)	28.5	1.8	4425	500	**BF40-../DPE09XB4**	61.25	1709	7600	-	-	146	66
2 HP (1.5 kW)	27.5	0.81	4602	520	**BF20-../DPE09XB4**	64.08	1326	5900	-	-	101	46
2 HP (1.5 kW)	27.5	2.5	4602	520	**BF50-../DPE09XB4**	63.59	2203	9800	-	-	207	94
2 HP (1.5 kW)	26	1.05	4868	550	**BF30-../DPE09XB4**	67.28	1236	5500	-	-	126	57
2 HP (1.5 kW)	26	1.65	4868	550	**BF40-../DPE09XB4**	67.38	1798	8000	-	-	146	66
2 HP (1.5 kW)	24.5	0.99	5133	580	**BF30-../DPE09XB4**	72.13	1281	5700	-	-	126	57
2 HP (1.5 kW)	24.5	1.55	5133	580	**BF40-../DPE09XB4**	71.40	1821	8100	-	-	146	66
2 HP (1.5 kW)	24	2.2	5222	590	**BF50-../DPE09XB4**	72.72	2405	10700	-	-	207	94
2 HP (1.5 kW)	22.5	1.45	5576	630	**BF40-../DPE09XB4**	78.55	1911	8500	-	-	146	66

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

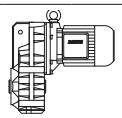
2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	22	0.88	5753	650	**BF30-../DPE09XB4**	79.34	1326	5900	-	-	126	57
2 HP (1.5 kW)	21.5	1.95	5841	660	**BF50-../DPE09XB4**	81.33	2540	11300	-	-	207	94
2 HP (1.5 kW)	21	1.3	6019	680	**BF40-../DPE09XB4**	83.91	1956	8700	-	-	146	66
2 HP (1.5 kW)	20.5	0.83	6107	690	**BF30-../DPE09XB4**	87.08	1394	6200	-	-	126	57
2 HP (1.5 kW)	19.5	1.8	6461	730	**BF50-../DPE09XB4**	90.24	2653	11800	-	-	207	94
2 HP (1.5 kW)	19	1.2	6638	750	**BF40-../DPE09XB4**	92.31	2046	9100	-	-	146	66
2 HP (1.5 kW)	19	3.1	6638	750	**BF60-../DPE09XB4**	93.44	3035	13500	8588	38200	273	124
2 HP (1.5 kW)	17.5	1.1	7169	810	**BF40-../DPE09XB4**	101.0	2113	9400	-	-	146	66
2 HP (1.5 kW)	17.5	1.6	7169	810	**BF50-../DPE09XB4**	100.9	2765	12300	-	-	207	94
2 HP (1.5 kW)	17	2.7	7435	840	**BF60-../DPE09XB4**	103.7	3170	14100	8970	39900	273	124
2 HP (1.5 kW)	16	1.0	7877	890	**BF40-../DPE09XB4**	111.1	2203	9800	-	-	146	66
2 HP (1.5 kW)	15.5	1.4	8143	920	**BF50-../DPE09XB4**	114.0	2900	12900	-	-	207	94
2 HP (1.5 kW)	15.5	2.5	8143	920	**BF60-../DPE09XB4**	113.1	3282	14600	9285	41300	273	124
2 HP (1.5 kW)	14.5	0.92	8674	980	**BF40-../DPE09XB4**	124.5	2293	10200	-	-	146	66
2 HP (1.5 kW)	14	1.25	9028	1020	**BF50-../DPE09XB4**	127.5	3057	13600	-	-	207	94
2 HP (1.5 kW)	14	2.3	9028	1020	**BF60-../DPE09XB4**	125.5	3440	15300	9734	43300	273	124
2 HP (1.5 kW)	13	0.82	9736	1100	**BF40-../DPE09XB4**	137.0	2383	10600	-	-	146	66
2 HP (1.5 kW)	13	1.2	9736	1100	**BF50Z-../DPE09XB4**	138.1	3057	13600	-	-	218	99
2 HP (1.5 kW)	12.5	2.0	10090	1140	**BF60Z-../DPE09XB4**	140.8	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	11.5	1.05	10975	1240	**BF50Z-../DPE09XB4**	154.5	3057	13600	-	-	218	99
2 HP (1.5 kW)	10.5	1.7	12037	1360	**BF60Z-../DPE09XB4**	169.2	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	9.6	0.87	13188	1490	**BF50Z-../DPE09XB4**	183.5	3057	13600	-	-	218	99
2 HP (1.5 kW)	9.3	1.5	13630	1540	**BF60Z-../DPE09XB4**	187.7	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	8.8	3.2	14338	1620	**BF70Z-../DPE09XB4**	199.7	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	7.9	1.25	16020	1810	**BF60Z-../DPE09XB4**	221.4	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	7.5	2.7	16905	1910	**BF70Z-../DPE09XB4**	233.0	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	7.2	1.15	17524	1980	**BF60Z-../DPE09XB4**	245.6	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	6.8	2.5	18587	2100	**BF70Z-../DPE09XB4**	258.7	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	6.0	0.98	20799	2350	**BF60Z-../DPE09XB4**	293.4	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	5.8	2.1	21684	2450	**BF70Z-../DPE09XB4**	301.8	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	5.4	0.87	23454	2650	**BF60Z-../DPE09XB4**	325.6	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	5.2	1.9	24340	2750	**BF70Z-../DPE09XB4**	341.7	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	4.5	3.3	27880	3150	**BF80Z-../DPE09XB4**	394.2	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	4.4	1.6	28765	3250	**BF70Z-../DPE09XB4**	398.7	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	4.0	1.45	31420	3550	**BF70Z-../DPE09XB4**	439.2	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	3.9	2.9	32305	3650	**BF80Z-../DPE09XB4**	450.4	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	3.5	1.3	35846	4050	**BF70Z-../DPE09XB4**	512.4	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	3.5	2.6	35846	4050	**BF80Z-../DPE09XB4**	511.2	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	3.4	1.45	34960	3950	**BF70G20-../DPE09XB4**	524.1	3619	16100	10723	47700	505	229
2 HP (1.5 kW)	3.1	1.3	38501	4350	**BF70G20-../DPE09XB4**	577.5	3619	16100	10723	47700	505	229
2 HP (1.5 kW)	3.0	2.2	42041	4750	**BF80Z-../DPE09XB4**	583.4	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	2.7	2.0	46909	5300	**BF80Z-../DPE09XB4**	662.1	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	2.6	1.1	46024	5200	**BF70G20-../DPE09XB4**	673.6	3619	16100	10723	47700	505	229
2 HP (1.5 kW)	2.3	1.7	54875	6200	**BF80Z-../DPE09XB4**	770.6	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	2.3	3.0	54875	6200	**BF90Z-../DPE09XB4**	759.0	9622	42800	26977	120000	1349	612
2 HP (1.5 kW)	2.1	0.88	57530	6500	**BF70G20-../DPE09XB4**	872.1	3619	16100	10723	47700	505	229
2 HP (1.5 kW)	2.1	2.7	60185	6800	**BF90Z-../DPE09XB4**	845.1	9622	42800	26977	120000	1349	612
2 HP (1.5 kW)	2.0	1.5	62840	7100	**BF80Z-../DPE09XB4**	874.6	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	1.8	1.35	69921	7900	**BF80Z-../DPE09XB4**	990.4	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	1.8	2.9	55760	6300	**BF90G50-../DPE09XB4**	976.1	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	1.7	2.6	61955	7000	**BF90G50-../DPE09XB4**	1043	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	1.6	1.2	78772	8900	**BF80Z-../DPE09XB4**	1124	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	1.5	2.3	69921	7900	**BF90G50-../DPE09XB4**	1204	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	1.4	1.2	77001	8700	**BF80G40-../DPE09XB4**	1329	8902	39600	16861	75000	778	353
2 HP (1.5 kW)	1.3	1.95	84967	9600	**BF90G50-../DPE09XB4**	1444	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	1.2	1.0	92933	10500	**BF80G40-../DPE09XB4**	1491	8902	39600	16861	75000	778	353
2 HP (1.5 kW)	1.1	0.92	100899	11400	**BF80G40-../DPE09XB4**	1693	8902	39600	16861	75000	778	353
2 HP (1.5 kW)	1.1	1.6	100899	11400	**BF90G50-../DPE09XB4**	1678	9622	42800	26977	120000	1376	624

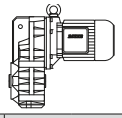
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	0.95	1.4	116830	13200	**BF90G50-../DPE09XB4**	1867	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	0.85	1.25	130106	14700	**BF90G50-../DPE09XB4**	2154	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	0.7	1.0	160198	18100	**BF90G50-../DPE09XB4**	2656	9622	42800	26977	120000	1376	624

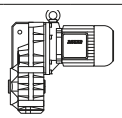
2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	315	2.6	478	54	**BF10-../DPE09XB4C**	5.60	438	1950	-	-	95	43
2.4 HP (1.8 kW)	235	2.1	646	73	**BF10-../DPE09XB4C**	7.58	495	2200	-	-	95	43
2.4 HP (1.8 kW)	220	2.8	690	78	**BF20-../DPE09XB4C**	8.00	641	2850	-	-	108	49
2.4 HP (1.8 kW)	182	1.9	832	94	**BF10-../DPE09XB4C**	9.69	528	2350	-	-	95	43
2.4 HP (1.8 kW)	177	3.3	859	97	**BF30-../DPE09XB4C**	9.99	641	2850	-	-	130	59
2.4 HP (1.8 kW)	168	2.5	903	102	**BF20-../DPE09XB4C**	10.51	697	3100	-	-	108	49
2.4 HP (1.8 kW)	149	1.6	1018	115	**BF10-../DPE09XB4C**	11.84	562	2500	-	-	95	43
2.4 HP (1.8 kW)	137	2.9	1106	125	**BF30-../DPE09XB4C**	12.91	686	3050	-	-	130	59
2.4 HP (1.8 kW)	134	2.2	1133	128	**BF20-../DPE09XB4C**	13.18	742	3300	-	-	108	49
2.4 HP (1.8 kW)	118	1.25	1283	145	**BF10-../DPE09XB4C**	15.04	629	2800	-	-	95	43
2.4 HP (1.8 kW)	114	2.1	1328	150	**BF20-../DPE09XB4C**	15.54	776	3450	-	-	108	49
2.4 HP (1.8 kW)	110	2.6	1381	156	**BF30-../DPE09XB4C**	16.00	731	3250	-	-	130	59
2.4 HP (1.8 kW)	105	2.2	1443	163	**BF20-../DPE09XB4C**	16.77	787	3500	-	-	108	49
2.4 HP (1.8 kW)	100	2.8	1513	171	**BF30-../DPE09XB4C**	17.65	742	3300	-	-	130	59
2.4 HP (1.8 kW)	97	1.35	1567	177	**BF10-../DPE09XB4C**	18.23	652	2900	-	-	95	43
2.4 HP (1.8 kW)	96	2.1	1584	179	**BF20-../DPE09XB4C**	18.45	809	3600	-	-	108	49
2.4 HP (1.8 kW)	91	2.7	1664	188	**BF30-../DPE09XB4C**	19.41	764	3400	-	-	130	59
2.4 HP (1.8 kW)	88	1.25	1726	195	**BF10-../DPE09XB4C**	20.05	674	3000	-	-	95	43
2.4 HP (1.8 kW)	81	2.5	1859	210	**BF30-../DPE09XB4C**	21.85	787	3500	-	-	130	59
2.4 HP (1.8 kW)	80	1.9	1859	210	**BF20-../DPE09XB4C**	22.04	854	3800	-	-	108	49
2.4 HP (1.8 kW)	76	1.05	1991	225	**BF10-../DPE09XB4C**	23.28	719	3200	-	-	95	43
2.4 HP (1.8 kW)	75	3.3	1991	225	**BF40-../DPE09XB4C**	23.77	1214	5400	-	-	152	69
2.4 HP (1.8 kW)	74	2.4	2036	230	**BF30-../DPE09XB4C**	24.03	809	3600	-	-	130	59
2.4 HP (1.8 kW)	73	1.7	2080	235	**BF20-../DPE09XB4C**	24.25	888	3950	-	-	108	49
2.4 HP (1.8 kW)	69	0.98	2168	245	**BF10-../DPE09XB4C**	25.60	753	3350	-	-	95	43
2.4 HP (1.8 kW)	66	3.0	2301	260	**BF40-../DPE09XB4C**	26.86	1259	5600	-	-	152	69
2.4 HP (1.8 kW)	64	1.6	2345	265	**BF20-../DPE09XB4C**	27.62	933	4150	-	-	108	49
2.4 HP (1.8 kW)	63	2.1	2390	270	**BF30-../DPE09XB4C**	28.23	854	3800	-	-	130	59
2.4 HP (1.8 kW)	62	0.87	2434	275	**BF10-../DPE09XB4C**	28.47	776	3450	-	-	95	43
2.4 HP (1.8 kW)	60	2.8	2522	285	**BF40-../DPE09XB4C**	29.55	1304	5800	-	-	152	69
2.4 HP (1.8 kW)	58	1.4	2611	295	**BF20-../DPE09XB4C**	30.40	989	4400	-	-	108	49
2.4 HP (1.8 kW)	57	0.8	2655	300	**BF10-../DPE09XB4C**	31.31	809	3600	-	-	95	43
2.4 HP (1.8 kW)	57	1.9	2655	300	**BF30-../DPE09XB4C**	31.05	899	4000	-	-	130	59
2.4 HP (1.8 kW)	55	1.35	2744	310	**BF20-../DPE09XB4C**	32.58	1000	4450	-	-	108	49
2.4 HP (1.8 kW)	52	2.6	2921	330	**BF40-../DPE09XB4C**	34.21	1349	6000	-	-	152	69
2.4 HP (1.8 kW)	51	1.7	2965	335	**BF30-../DPE09XB4C**	35.00	944	4200	-	-	130	59
2.4 HP (1.8 kW)	49.5	1.2	3054	345	**BF20-../DPE09XB4C**	35.85	1045	4650	-	-	108	49
2.4 HP (1.8 kW)	47	2.4	3231	365	**BF40-../DPE09XB4C**	37.64	1394	6200	-	-	152	69
2.4 HP (1.8 kW)	46	1.55	3275	370	**BF30-../DPE09XB4C**	38.49	989	4400	-	-	130	59
2.4 HP (1.8 kW)	43	1.45	3496	395	**BF30-../DPE09XB4C**	41.01	1012	4500	-	-	130	59
2.4 HP (1.8 kW)	42.5	1.05	3540	400	**BF20-../DPE09XB4C**	41.72	1113	4950	-	-	108	49
2.4 HP (1.8 kW)	42.5	2.3	3540	400	**BF40-../DPE09XB4C**	41.42	1461	6500	-	-	152	69
2.4 HP (1.8 kW)	42	3.2	3585	405	**BF50-../DPE09XB4C**	42.15	1911	8500	-	-	214	97
2.4 HP (1.8 kW)	39.5	1.3	3850	435	**BF30-../DPE09XB4C**	45.10	1057	4700	-	-	130	59

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

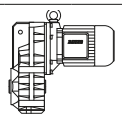
2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	39	2.0	3894	440	**BF40-../DPE09XB4C**	45.56	1529	6800	-	-	152	69
2.4 HP (1.8 kW)	38.5	0.94	3939	445	**BF20-../DPE09XB4C**	45.90	1147	5100	-	-	108	49
2.4 HP (1.8 kW)	37.5	2.9	4027	455	**BF50-../DPE09XB4C**	47.14	2001	8900	-	-	214	97
2.4 HP (1.8 kW)	36.5	0.89	4160	470	**BF20-../DPE09XB4C**	48.56	1169	5200	-	-	108	49
2.4 HP (1.8 kW)	36	1.9	4204	475	**BF40-../DPE09XB4C**	48.92	1574	7000	-	-	152	69
2.4 HP (1.8 kW)	34	1.15	4425	500	**BF30-../DPE09XB4C**	52.20	1124	5000	-	-	130	59
2.4 HP (1.8 kW)	33	0.81	4602	520	**BF20-../DPE09XB4C**	53.43	1236	5500	-	-	108	49
2.4 HP (1.8 kW)	33	1.75	4602	520	**BF40-../DPE09XB4C**	53.82	1619	7200	-	-	152	69
2.4 HP (1.8 kW)	31	1.05	4868	550	**BF30-../DPE09XB4C**	57.41	1169	5200	-	-	130	59
2.4 HP (1.8 kW)	31	2.4	4868	550	**BF50-../DPE09XB4C**	56.86	2091	9300	-	-	214	97
2.4 HP (1.8 kW)	29	0.97	5222	590	**BF30-../DPE09XB4C**	61.17	1191	5300	-	-	130	59
2.4 HP (1.8 kW)	29	1.55	5222	590	**BF40-../DPE09XB4C**	61.25	1709	7600	-	-	152	69
2.4 HP (1.8 kW)	28	2.1	5399	610	**BF50-../DPE09XB4C**	63.59	2203	9800	-	-	214	97
2.4 HP (1.8 kW)	26.5	0.9	5664	640	**BF30-../DPE09XB4C**	67.28	1236	5500	-	-	130	59
2.4 HP (1.8 kW)	26.5	1.4	5664	640	**BF40-../DPE09XB4C**	67.38	1798	8000	-	-	152	69
2.4 HP (1.8 kW)	25	1.3	6019	680	**BF40-../DPE09XB4C**	71.40	1821	8100	-	-	152	69
2.4 HP (1.8 kW)	24.5	0.82	6196	700	**BF30-../DPE09XB4C**	72.13	1281	5700	-	-	130	59
2.4 HP (1.8 kW)	24.5	1.85	6196	700	**BF50-../DPE09XB4C**	72.72	2405	10700	-	-	214	97
2.4 HP (1.8 kW)	24.5	3.3	6196	700	**BF60-../DPE09XB4C**	72.15	2698	12000	7644	34000	278	126
2.4 HP (1.8 kW)	22.5	1.2	6727	760	**BF40-../DPE09XB4C**	78.55	1911	8500	-	-	152	69
2.4 HP (1.8 kW)	22	1.65	6904	780	**BF50-../DPE09XB4C**	81.33	2540	11300	-	-	214	97
2.4 HP (1.8 kW)	22	2.9	6904	780	**BF60-../DPE09XB4C**	80.05	2833	12600	8003	35600	278	126
2.4 HP (1.8 kW)	21	1.1	7169	810	**BF40-../DPE09XB4C**	83.91	1956	8700	-	-	152	69
2.4 HP (1.8 kW)	20	1.55	7523	850	**BF50-../DPE09XB4C**	90.24	2653	11800	-	-	214	97
2.4 HP (1.8 kW)	19.5	1.0	7789	880	**BF40-../DPE09XB4C**	92.31	2046	9100	-	-	152	69
2.4 HP (1.8 kW)	19	2.6	7966	900	**BF60-../DPE09XB4C**	93.44	3035	13500	8588	38200	278	126
2.4 HP (1.8 kW)	17.5	0.92	8674	980	**BF40-../DPE09XB4C**	101.0	2113	9400	-	-	152	69
2.4 HP (1.8 kW)	17.5	1.35	8674	980	**BF50-../DPE09XB4C**	100.9	2765	12300	-	-	214	97
2.4 HP (1.8 kW)	17	2.3	8939	1010	**BF60-../DPE09XB4C**	103.7	3170	14100	8970	39900	278	126
2.4 HP (1.8 kW)	16	0.84	9470	1070	**BF40-../DPE09XB4C**	111.1	2203	9800	-	-	152	69
2.4 HP (1.8 kW)	16	2.1	9470	1070	**BF60-../DPE09XB4C**	113.1	3282	14600	9285	41300	278	126
2.4 HP (1.8 kW)	15.5	1.2	9736	1100	**BF50-../DPE09XB4C**	114.0	2900	12900	-	-	214	97
2.4 HP (1.8 kW)	14.5	1.95	10444	1180	**BF60-../DPE09XB4C**	125.5	3440	15300	9734	43300	278	126
2.4 HP (1.8 kW)	14	1.05	10798	1220	**BF50-../DPE09XB4C**	127.5	3057	13600	-	-	214	97
2.4 HP (1.8 kW)	13	0.98	11683	1320	**BF50Z-../DPE09XB4C**	138.1	3057	13600	-	-	225	102
2.4 HP (1.8 kW)	12.5	1.7	12126	1370	**BF60Z-../DPE09XB4C**	140.8	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	11.5	0.87	13188	1490	**BF50Z-../DPE09XB4C**	154.5	3057	13600	-	-	225	102
2.4 HP (1.8 kW)	10.5	1.4	14427	1630	**BF60Z-../DPE09XB4C**	169.2	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	9.8	3.0	15489	1750	**BF70Z-../DPE09XB4C**	179.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	9.4	1.25	16108	1820	**BF60Z-../DPE09XB4C**	187.7	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	8.9	2.7	17082	1930	**BF70Z-../DPE09XB4C**	199.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	8.0	1.1	18587	2100	**BF60Z-../DPE09XB4C**	221.4	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	7.6	2.3	19914	2250	**BF70Z-../DPE09XB4C**	233.0	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	7.2	0.98	20799	2350	**BF60Z-../DPE09XB4C**	245.6	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	6.9	2.1	21684	2450	**BF70Z-../DPE09XB4C**	258.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	6.0	0.81	25225	2850	**BF60Z-../DPE09XB4C**	293.4	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	5.9	1.8	25667	2900	**BF70Z-../DPE09XB4C**	301.8	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	5.2	1.6	29207	3300	**BF70Z-../DPE09XB4C**	341.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	5.1	3.1	29650	3350	**BF80Z-../DPE09XB4C**	347.3	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	4.5	1.35	33633	3800	**BF70Z-../DPE09XB4C**	398.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	4.5	2.8	33633	3800	**BF80Z-../DPE09XB4C**	394.2	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	4.1	1.25	36731	4150	**BF70Z-../DPE09XB4C**	439.2	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	4.0	2.5	37616	4250	**BF80Z-../DPE09XB4C**	450.4	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	3.5	1.05	43369	4900	**BF70Z-../DPE09XB4C**	512.4	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	3.5	2.1	43369	4900	**BF80Z-../DPE09XB4C**	511.2	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	3.4	1.2	42484	4800	**BF70G20-../DPE09XB4C**	524.1	3619	16100	10723	47700	511	232
2.4 HP (1.8 kW)	3.1	1.1	46909	5300	**BF70G20-../DPE09XB4C**	577.5	3619	16100	10723	47700	511	232
2.4 HP (1.8 kW)	3.1	1.9	48679	5500	**BF80Z-../DPE09XB4C**	583.4	8902	39600	16861	75000	772	350

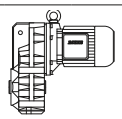
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	3.0	3.2	50449	5700	**BF90Z-../DPE09XB4C**	591.1	9622	42800	26977	120000	1354	614
2.4 HP (1.8 kW)	2.7	0.95	53104	6000	**BF70G20-../DPE09XB4C**	673.6	3619	16100	10723	47700	511	232
2.4 HP (1.8 kW)	2.7	1.65	55760	6300	**BF80Z-../DPE09XB4C**	662.1	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	2.7	2.9	55760	6300	**BF90Z-../DPE09XB4C**	658.1	9622	42800	26977	120000	1354	614
2.4 HP (1.8 kW)	2.4	2.6	62840	7100	**BF90Z-../DPE09XB4C**	759.0	9622	42800	26977	120000	1354	614
2.4 HP (1.8 kW)	2.3	1.4	65496	7400	**BF80Z-../DPE09XB4C**	770.6	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	2.1	1.3	71691	8100	**BF80Z-../DPE09XB4C**	874.6	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	2.1	2.3	71691	8100	**BF90Z-../DPE09XB4C**	845.1	9622	42800	26977	120000	1354	614
2.4 HP (1.8 kW)	1.9	2.5	65496	7400	**BF90G50-../DPE09XB4C**	976.1	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	1.8	1.1	84082	9500	**BF80Z-../DPE09XB4C**	990.4	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	1.7	2.1	77001	8700	**BF90G50-../DPE09XB4C**	1043	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	1.6	0.98	94703	10700	**BF80Z-../DPE09XB4C**	1124	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	1.5	1.9	86737	9800	**BF90G50-../DPE09XB4C**	1204	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	1.4	0.97	95588	10800	**BF80G40-../DPE09XB4C**	1329	8902	39600	16861	75000	785	356
2.4 HP (1.8 kW)	1.3	1.55	104439	11800	**BF90G50-../DPE09XB4C**	1444	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	1.2	0.81	114175	12900	**BF80G40-../DPE09XB4C**	1491	8902	39600	16861	75000	785	356
2.4 HP (1.8 kW)	1.1	1.3	123910	14000	**BF90G50-../DPE09XB4C**	1678	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	0.95	1.15	144267	16300	**BF90G50-../DPE09XB4C**	1867	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	0.85	1.0	160198	18100	**BF90G50-../DPE09XB4C**	2154	9622	42800	26977	120000	1380	626

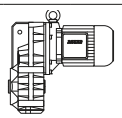
3 HP (2.2 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	280	3.5	664	75	**BF30-../DPE11LB4**	6.34	540	2400	-	-	172	78
3 HP (2.2 kW)	220	3.0	841	95	**BF30-../DPE11LB4**	8.07	596	2650	-	-	172	78
3 HP (2.2 kW)	177	2.7	1044	118	**BF30-../DPE11LB4**	9.99	641	2850	-	-	172	78
3 HP (2.2 kW)	150	3.3	1239	140	**BF40-../DPE11LB4**	11.79	1000	4450	-	-	203	92
3 HP (2.2 kW)	137	2.4	1354	153	**BF30-../DPE11LB4**	12.91	686	3050	-	-	172	78
3 HP (2.2 kW)	118	2.9	1575	178	**BF40-../DPE11LB4**	15.02	1079	4800	-	-	203	92
3 HP (2.2 kW)	110	2.1	1690	191	**BF30-../DPE11LB4**	16.00	731	3250	-	-	172	78
3 HP (2.2 kW)	102	3.1	1814	205	**BF40-../DPE11LB4**	17.35	1113	4950	-	-	203	92
3 HP (2.2 kW)	100	2.3	1859	210	**BF30-../DPE11LB4**	17.65	742	3300	-	-	172	78
3 HP (2.2 kW)	93	3.0	1991	225	**BF40-../DPE11LB4**	19.09	1147	5100	-	-	203	92
3 HP (2.2 kW)	91	2.2	2036	230	**BF30-../DPE11LB4**	19.41	764	3400	-	-	172	78
3 HP (2.2 kW)	82	2.8	2257	255	**BF40-../DPE11LB4**	21.60	1169	5200	-	-	203	92
3 HP (2.2 kW)	81	2.1	2257	255	**BF30-../DPE11LB4**	21.85	787	3500	-	-	172	78
3 HP (2.2 kW)	75	2.6	2478	280	**BF40-../DPE11LB4**	23.77	1214	5400	-	-	203	92
3 HP (2.2 kW)	74	2.0	2478	280	**BF30-../DPE11LB4**	24.03	809	3600	-	-	172	78
3 HP (2.2 kW)	66	2.5	2788	315	**BF40-../DPE11LB4**	26.86	1259	5600	-	-	203	92
3 HP (2.2 kW)	63	1.75	2921	330	**BF30-../DPE11LB4**	28.23	854	3800	-	-	172	78
3 HP (2.2 kW)	60	2.3	3098	350	**BF40-../DPE11LB4**	29.55	1304	5800	-	-	203	92
3 HP (2.2 kW)	57	1.6	3231	365	**BF30-../DPE11LB4**	31.05	899	4000	-	-	172	78
3 HP (2.2 kW)	52	2.1	3540	400	**BF40-../DPE11LB4**	34.21	1349	6000	-	-	203	92
3 HP (2.2 kW)	51	1.4	3629	410	**BF30-../DPE11LB4**	35.00	944	4200	-	-	172	78
3 HP (2.2 kW)	50	3.1	3717	420	**BF50-../DPE11LB4**	35.49	1754	7800	-	-	269	122
3 HP (2.2 kW)	47	2.0	3939	445	**BF40-../DPE11LB4**	37.64	1394	6200	-	-	203	92
3 HP (2.2 kW)	46	1.25	4027	455	**BF30-../DPE11LB4**	38.49	989	4400	-	-	172	78
3 HP (2.2 kW)	43	1.2	4293	485	**BF30-../DPE11LB4**	41.01	1012	4500	-	-	172	78
3 HP (2.2 kW)	42.5	1.85	4337	490	**BF40-../DPE11LB4**	41.42	1461	6500	-	-	203	92
3 HP (2.2 kW)	42	2.6	4425	500	**BF50-../DPE11LB4**	42.15	1911	8500	-	-	269	122
3 HP (2.2 kW)	39.5	1.1	4691	530	**BF30-../DPE11LB4**	45.10	1057	4700	-	-	172	78

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

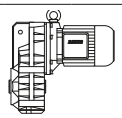
3 HP (2.2 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	39	1.7	4691	530	**BF40-../DPE11LB4**	45.56	1529	6800	-	-	203	92
3 HP (2.2 kW)	37.5	2.3	4956	560	**BF50-../DPE11LB4**	47.14	2001	8900	-	-	269	122
3 HP (2.2 kW)	36	1.55	5133	580	**BF40-../DPE11LB4**	48.92	1574	7000	-	-	203	92
3 HP (2.2 kW)	33	1.45	5576	630	**BF40-../DPE11LB4**	53.82	1619	7200	-	-	203	92
3 HP (2.2 kW)	31	1.95	5930	670	**BF50-../DPE11LB4**	56.86	2091	9300	-	-	269	122
3 HP (2.2 kW)	29.5	3.2	6284	710	**BF60-../DPE11LB4**	60.40	2495	11100	7059	31400	337	153
3 HP (2.2 kW)	28	1.75	6638	750	**BF50-../DPE11LB4**	63.59	2203	9800	-	-	269	122
3 HP (2.2 kW)	24.5	1.55	7523	850	**BF50-../DPE11LB4**	72.72	2405	10700	-	-	269	122
3 HP (2.2 kW)	24.5	2.7	7523	850	**BF60-../DPE11LB4**	72.15	2698	12000	7644	34000	337	153
3 HP (2.2 kW)	22	1.35	8408	950	**BF50-../DPE11LB4**	81.33	2540	11300	-	-	269	122
3 HP (2.2 kW)	22	2.4	8408	950	**BF60-../DPE11LB4**	80.05	2833	12600	8003	35600	337	153
3 HP (2.2 kW)	20	1.25	9293	1050	**BF50-../DPE11LB4**	90.24	2653	11800	-	-	269	122
3 HP (2.2 kW)	19	2.1	9736	1100	**BF60-../DPE11LB4**	93.44	3035	13500	8588	38200	337	153
3 HP (2.2 kW)	17.5	1.1	10621	1200	**BF50-../DPE11LB4**	100.9	2765	12300	-	-	269	122
3 HP (2.2 kW)	17	1.85	10886	1230	**BF60-../DPE11LB4**	103.7	3170	14100	8970	39900	337	153
3 HP (2.2 kW)	16	1.75	11594	1310	**BF60-../DPE11LB4**	113.1	3282	14600	9285	41300	337	153
3 HP (2.2 kW)	14.5	1.6	12745	1440	**BF60-../DPE11LB4**	125.5	3440	15300	9734	43300	337	153
3 HP (2.2 kW)	12.5	1.35	14869	1680	**BF60Z-../DPE11LB4**	140.8	3440	15300	9734	43300	373	169
3 HP (2.2 kW)	11.5	2.9	16108	1820	**BF70Z-../DPE11LB4**	154.0	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	10.5	1.15	17701	2000	**BF60Z-../DPE11LB4**	169.2	3440	15300	9734	43300	373	169
3 HP (2.2 kW)	9.8	2.5	18587	2100	**BF70Z-../DPE11LB4**	179.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	9.4	1.05	19472	2200	**BF60Z-../DPE11LB4**	187.7	3440	15300	9734	43300	373	169
3 HP (2.2 kW)	8.9	2.2	20799	2350	**BF70Z-../DPE11LB4**	199.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	8.0	0.88	23012	2600	**BF60Z-../DPE11LB4**	221.4	3440	15300	9734	43300	373	169
3 HP (2.2 kW)	7.6	1.9	24340	2750	**BF70Z-../DPE11LB4**	233.0	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	6.9	1.75	26552	3000	**BF70Z-../DPE11LB4**	258.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	6.6	3.0	27880	3150	**BF80-../DPE11LB4**	269.1	8902	39600	16861	75000	723	328
3 HP (2.2 kW)	6.1	3.1	30093	3400	**BF80Z-../DPE11LB4**	291.7	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	5.9	1.45	31420	3550	**BF70Z-../DPE11LB4**	301.8	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	5.2	1.3	35403	4000	**BF70Z-../DPE11LB4**	341.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	5.1	2.6	36288	4100	**BF80Z-../DPE11LB4**	347.3	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	4.5	1.1	41156	4650	**BF70Z-../DPE11LB4**	398.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	4.5	2.3	41156	4650	**BF80Z-../DPE11LB4**	394.2	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	4.1	1.0	45139	5100	**BF70Z-../DPE11LB4**	439.2	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	4.0	2.0	46024	5200	**BF80Z-../DPE11LB4**	450.4	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	3.5	0.87	53104	6000	**BF70Z-../DPE11LB4**	512.4	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	3.5	1.75	53104	6000	**BF80Z-../DPE11LB4**	511.2	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	3.5	3.1	53104	6000	**BF90Z-../DPE11LB4**	508.5	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	3.1	1.55	59300	6700	**BF80Z-../DPE11LB4**	583.4	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	3.0	2.6	61955	7000	**BF90Z-../DPE11LB4**	591.1	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	2.7	1.35	68151	7700	**BF80Z-../DPE11LB4**	662.1	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	2.7	2.4	68151	7700	**BF90Z-../DPE11LB4**	658.1	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	2.4	2.1	77001	8700	**BF90Z-../DPE11LB4**	759.0	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	2.3	1.15	80542	9100	**BF80Z-../DPE11LB4**	770.6	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	2.1	1.05	88507	10000	**BF80Z-../DPE11LB4**	874.6	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	2.1	1.85	88507	10000	**BF90Z-../DPE11LB4**	845.1	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	1.9	1.95	83197	9400	**BF90G50-../DPE11LB4**	976.1	9622	42800	26977	120000	1435	651
3 HP (2.2 kW)	1.8	0.91	102669	11600	**BF80Z-../DPE11LB4**	990.4	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	1.7	1.7	96473	10900	**BF90G50-../DPE11LB4**	1043	9622	42800	26977	120000	1435	651
3 HP (2.2 kW)	1.6	0.8	115945	13100	**BF80Z-../DPE11LB4**	1124	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	1.5	1.5	108864	12300	**BF90G50-../DPE11LB4**	1204	9622	42800	26977	120000	1435	651
3 HP (2.2 kW)	1.3	1.25	130106	14700	**BF90G50-../DPE11LB4**	1444	9622	42800	26977	120000	1435	651
3 HP (2.2 kW)	1.1	1.05	154003	17400	**BF90G50-../DPE11LB4**	1678	9622	42800	26977	120000	1435	651

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

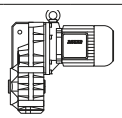
4 HP (3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	280	2.6	903	102	**BF30-../DPE11LB4**	6.34	540	2400	-	-	172	78
4 HP (3 kW)	235	3.0	1071	121	**BF40-../DPE11LB4**	7.62	877	3900	-	-	203	92
4 HP (3 kW)	220	2.2	1151	130	**BF30-../DPE11LB4**	8.07	596	2650	-	-	172	78
4 HP (3 kW)	186	2.7	1363	154	**BF40-../DPE11LB4**	9.48	933	4150	-	-	203	92
4 HP (3 kW)	177	2.0	1425	161	**BF30-../DPE11LB4**	9.99	641	2850	-	-	172	78
4 HP (3 kW)	150	2.4	1690	191	**BF40-../DPE11LB4**	11.79	1000	4450	-	-	203	92
4 HP (3 kW)	137	1.8	1814	205	**BF30-../DPE11LB4**	12.91	686	3050	-	-	172	78
4 HP (3 kW)	118	2.2	2124	240	**BF40-../DPE11LB4**	15.02	1079	4800	-	-	203	92
4 HP (3 kW)	110	1.55	2301	260	**BF30-../DPE11LB4**	16.00	731	3250	-	-	172	78
4 HP (3 kW)	102	2.3	2478	280	**BF40-../DPE11LB4**	17.35	1113	4950	-	-	203	92
4 HP (3 kW)	100	1.7	2522	285	**BF30-../DPE11LB4**	17.65	742	3300	-	-	172	78
4 HP (3 kW)	95	3.3	2655	300	**BF50-../DPE11LB4**	18.68	1439	6400	-	-	269	122
4 HP (3 kW)	93	2.2	2699	305	**BF40-../DPE11LB4**	19.09	1147	5100	-	-	203	92
4 HP (3 kW)	91	1.6	2744	310	**BF30-../DPE11LB4**	19.41	764	3400	-	-	172	78
4 HP (3 kW)	82	2.0	3054	345	**BF40-../DPE11LB4**	21.60	1169	5200	-	-	203	92
4 HP (3 kW)	81	1.5	3098	350	**BF30-../DPE11LB4**	21.85	787	3500	-	-	172	78
4 HP (3 kW)	77	3.0	3275	370	**BF50-../DPE11LB4**	23.14	1529	6800	-	-	269	122
4 HP (3 kW)	75	1.95	3363	380	**BF40-../DPE11LB4**	23.77	1214	5400	-	-	203	92
4 HP (3 kW)	74	1.45	3408	385	**BF30-../DPE11LB4**	24.03	809	3600	-	-	172	78
4 HP (3 kW)	69	2.8	3673	415	**BF50-../DPE11LB4**	25.88	1596	7100	-	-	269	122
4 HP (3 kW)	66	1.8	3806	430	**BF40-../DPE11LB4**	26.86	1259	5600	-	-	203	92
4 HP (3 kW)	63	1.3	3983	450	**BF30-../DPE11LB4**	28.23	854	3800	-	-	172	78
4 HP (3 kW)	60	1.7	4204	475	**BF40-../DPE11LB4**	29.55	1304	5800	-	-	203	92
4 HP (3 kW)	57	1.15	4425	500	**BF30-../DPE11LB4**	31.05	899	4000	-	-	172	78
4 HP (3 kW)	56	2.5	4514	510	**BF50-../DPE11LB4**	31.73	1686	7500	-	-	269	122
4 HP (3 kW)	52	1.55	4868	550	**BF40-../DPE11LB4**	34.21	1349	6000	-	-	203	92
4 HP (3 kW)	51	1.05	4956	560	**BF30-../DPE11LB4**	35.00	944	4200	-	-	172	78
4 HP (3 kW)	50	2.3	5045	570	**BF50-../DPE11LB4**	35.49	1754	7800	-	-	269	122
4 HP (3 kW)	47	1.5	5310	600	**BF40-../DPE11LB4**	37.64	1394	6200	-	-	203	92
4 HP (3 kW)	46	0.93	5487	620	**BF30-../DPE11LB4**	38.49	989	4400	-	-	172	78
4 HP (3 kW)	43	0.87	5841	660	**BF30-../DPE11LB4**	41.01	1012	4500	-	-	172	78
4 HP (3 kW)	42.5	1.35	5930	670	**BF40-../DPE11LB4**	41.42	1461	6500	-	-	203	92
4 HP (3 kW)	42.5	3.2	5930	670	**BF60-../DPE11LB4**	41.60	2158	9600	6092	27100	337	153
4 HP (3 kW)	42	1.9	6019	680	**BF50-../DPE11LB4**	42.15	1911	8500	-	-	269	122
4 HP (3 kW)	39.5	0.8	6373	720	**BF30-../DPE11LB4**	45.10	1057	4700	-	-	172	78
4 HP (3 kW)	39	1.25	6461	730	**BF40-../DPE11LB4**	45.56	1529	6800	-	-	203	92
4 HP (3 kW)	38.5	3.0	6550	740	**BF60-../DPE11LB4**	46.16	2226	9900	6295	28000	337	153
4 HP (3 kW)	37.5	1.7	6727	760	**BF50-../DPE11LB4**	47.14	2001	8900	-	-	269	122
4 HP (3 kW)	36	1.15	6992	790	**BF40-../DPE11LB4**	48.92	1574	7000	-	-	203	92
4 HP (3 kW)	33	1.05	7612	860	**BF40-../DPE11LB4**	53.82	1619	7200	-	-	203	92
4 HP (3 kW)	32.5	2.6	7789	880	**BF60-../DPE11LB4**	54.44	2360	10500	6677	29700	337	153
4 HP (3 kW)	31	1.4	8143	920	**BF50-../DPE11LB4**	56.86	2091	9300	-	-	269	122
4 HP (3 kW)	29.5	2.4	8585	970	**BF60-../DPE11LB4**	60.40	2495	11100	7059	31400	337	153
4 HP (3 kW)	28	1.25	9028	1020	**BF50-../DPE11LB4**	63.59	2203	9800	-	-	269	122
4 HP (3 kW)	24.5	1.1	10267	1160	**BF50-../DPE11LB4**	72.72	2405	10700	-	-	269	122
4 HP (3 kW)	24.5	2.0	10267	1160	**BF60-../DPE11LB4**	72.15	2698	12000	7644	34000	337	153
4 HP (3 kW)	22	1.0	11506	1300	**BF50-../DPE11LB4**	81.33	2540	11300	-	-	269	122
4 HP (3 kW)	22	1.75	11506	1300	**BF60-../DPE11LB4**	80.05	2833	12600	8003	35600	337	153
4 HP (3 kW)	20	0.91	12657	1430	**BF50-../DPE11LB4**	90.24	2653	11800	-	-	269	122
4 HP (3 kW)	19	1.55	13276	1500	**BF60-../DPE11LB4**	93.44	3035	13500	8588	38200	337	153
4 HP (3 kW)	17.5	0.8	14427	1630	**BF50-../DPE11LB4**	100.9	2765	12300	-	-	269	122
4 HP (3 kW)	17	1.35	14869	1680	**BF60-../DPE11LB4**	103.7	3170	14100	8970	39900	337	153
4 HP (3 kW)	17	3.1	14869	1680	**BF70-../DPE11LB4**	105.2	3305	14700	10139	45100	511	232
4 HP (3 kW)	16	1.3	15843	1790	**BF60-../DPE11LB4**	113.1	3282	14600	9285	41300	337	153
4 HP (3 kW)	14.5	1.15	17436	1970	**BF60-../DPE11LB4**	125.5	3440	15300	9734	43300	337	153
4 HP (3 kW)	14.5	2.6	17436	1970	**BF70-../DPE11LB4**	122.7	3619	16100	10723	47700	511	232
4 HP (3 kW)	13.5	2.5	18587	2100	**BF70Z-../DPE11LB4**	133.0	3619	16100	10723	47700	569	258
4 HP (3 kW)	12.5	1.0	19914	2250	**BF60Z-../DPE11LB4**	140.8	3440	15300	9734	43300	373	169

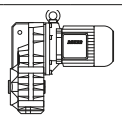
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

4 HP (3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	11.5	2.1	21684	2450	**BF70Z-../DPE11LB4**	154.0	3619	16100	10723	47700	569	258
4 HP (3 kW)	10.5	0.85	23897	2700	**BF60Z-../DPE11LB4**	169.2	3440	15300	9734	43300	373	169
4 HP (3 kW)	9.8	1.8	25667	2900	**BF70Z-../DPE11LB4**	179.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	9.6	3.2	26110	2950	**BF80-../DPE11LB4**	184.5	7149	31800	16861	75000	723	328
4 HP (3 kW)	8.9	1.65	28322	3200	**BF70Z-../DPE11LB4**	199.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	8.5	2.8	29650	3350	**BF80-../DPE11LB4**	209.4	7711	34300	16861	75000	723	328
4 HP (3 kW)	7.6	1.4	33190	3750	**BF70Z-../DPE11LB4**	233.0	3619	16100	10723	47700	569	258
4 HP (3 kW)	7.5	2.5	33633	3800	**BF80-../DPE11LB4**	237.1	8295	36900	16861	75000	723	328
4 HP (3 kW)	6.9	1.25	36731	4150	**BF70Z-../DPE11LB4**	258.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	6.6	2.2	38058	4300	**BF80-../DPE11LB4**	269.1	8902	39600	16861	75000	723	328
4 HP (3 kW)	6.1	2.3	41156	4650	**BF80Z-../DPE11LB4**	291.7	8902	39600	16861	75000	827	375
4 HP (3 kW)	5.9	1.05	42926	4850	**BF70Z-../DPE11LB4**	301.8	3619	16100	10723	47700	569	258
4 HP (3 kW)	5.2	0.95	48679	5500	**BF70Z-../DPE11LB4**	341.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	5.1	1.9	49564	5600	**BF80Z-../DPE11LB4**	347.3	8902	39600	16861	75000	827	375
4 HP (3 kW)	4.7	3.1	53104	6000	**BF90Z-../DPE11LB4**	382.6	9622	42800	26977	120000	1413	641
4 HP (3 kW)	4.5	0.83	55760	6300	**BF70Z-../DPE11LB4**	398.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	4.5	1.65	55760	6300	**BF80Z-../DPE11LB4**	394.2	8902	39600	16861	75000	827	375
4 HP (3 kW)	4.0	1.5	62840	7100	**BF80Z-../DPE11LB4**	450.4	8902	39600	16861	75000	827	375
4 HP (3 kW)	3.9	2.5	64610	7300	**BF90Z-../DPE11LB4**	456.7	9622	42800	26977	120000	1413	641
4 HP (3 kW)	3.5	1.3	71691	8100	**BF80Z-../DPE11LB4**	511.2	8902	39600	16861	75000	827	375
4 HP (3 kW)	3.5	2.3	71691	8100	**BF90Z-../DPE11LB4**	508.5	9622	42800	26977	120000	1413	641
4 HP (3 kW)	3.1	1.15	81427	9200	**BF80Z-../DPE11LB4**	583.4	8902	39600	16861	75000	827	375
4 HP (3 kW)	3.0	1.95	84082	9500	**BF90Z-../DPE11LB4**	591.1	9622	42800	26977	120000	1413	641
4 HP (3 kW)	2.7	0.99	93818	10600	**BF80Z-../DPE11LB4**	662.1	8902	39600	16861	75000	827	375
4 HP (3 kW)	2.7	1.75	93818	10600	**BF90Z-../DPE11LB4**	658.1	9622	42800	26977	120000	1413	641
4 HP (3 kW)	2.4	1.55	105324	11900	**BF90Z-../DPE11LB4**	759.0	9622	42800	26977	120000	1413	641
4 HP (3 kW)	2.3	0.85	109749	12400	**BF80Z-../DPE11LB4**	770.6	8902	39600	16861	75000	827	375
4 HP (3 kW)	2.1	1.35	120370	13600	**BF90Z-../DPE11LB4**	845.1	9622	42800	26977	120000	1413	641
4 HP (3 kW)	1.9	1.4	118600	13400	**BF90G50-../DPE11LB4**	976.1	9622	42800	26977	120000	1435	651
4 HP (3 kW)	1.7	1.2	136301	15400	**BF90G50-../DPE11LB4**	1043	9622	42800	26977	120000	1435	651
4 HP (3 kW)	1.5	1.05	154003	17400	**BF90G50-../DPE11LB4**	1204	9622	42800	26977	120000	1435	651
4 HP (3 kW)	1.3	0.9	182325	20600	**BF90G50-../DPE11LB4**	1444	9622	42800	26977	120000	1435	651

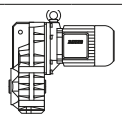
5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	300	2.9	1036	117	**BF40-../DPE11LB4**	5.87	798	3550	-	-	203	92
5 HP (3.7 kW)	280	2.1	1115	126	**BF30-../DPE11LB4**	6.34	540	2400	-	-	172	78
5 HP (3.7 kW)	235	2.5	1328	150	**BF40-../DPE11LB4**	7.62	877	3900	-	-	203	92
5 HP (3.7 kW)	220	1.8	1416	160	**BF30-../DPE11LB4**	8.07	596	2650	-	-	172	78
5 HP (3.7 kW)	186	2.2	1673	189	**BF40-../DPE11LB4**	9.48	933	4150	-	-	203	92
5 HP (3.7 kW)	177	1.6	1761	199	**BF30-../DPE11LB4**	9.99	641	2850	-	-	172	78
5 HP (3.7 kW)	165	3.2	1859	210	**BF50-../DPE11LB4**	10.68	1259	5600	-	-	269	122
5 HP (3.7 kW)	150	2.0	2080	235	**BF40-../DPE11LB4**	11.79	1000	4450	-	-	203	92
5 HP (3.7 kW)	137	1.45	2257	255	**BF30-../DPE11LB4**	12.91	686	3050	-	-	172	78
5 HP (3.7 kW)	121	2.7	2567	290	**BF50-../DPE11LB4**	14.65	1371	6100	-	-	269	122
5 HP (3.7 kW)	118	1.75	2611	295	**BF40-../DPE11LB4**	15.02	1079	4800	-	-	203	92
5 HP (3.7 kW)	110	1.3	2832	320	**BF30-../DPE11LB4**	16.00	731	3250	-	-	172	78
5 HP (3.7 kW)	106	2.9	2921	330	**BF50-../DPE11LB4**	16.70	1394	6200	-	-	269	122
5 HP (3.7 kW)	102	1.85	3054	345	**BF40-../DPE11LB4**	17.35	1113	4950	-	-	203	92
5 HP (3.7 kW)	100	1.35	3098	350	**BF30-../DPE11LB4**	17.65	742	3300	-	-	172	78

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

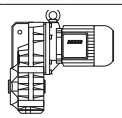
5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	95	2.7	3275	370	**BF50-../DPE11LB4**	18.68	1439	6400	-	-	269	122
5 HP (3.7 kW)	93	1.75	3319	375	**BF40-../DPE11LB4**	19.09	1147	5100	-	-	203	92
5 HP (3.7 kW)	91	1.3	3408	385	**BF30-../DPE11LB4**	19.41	764	3400	-	-	172	78
5 HP (3.7 kW)	82	1.65	3806	430	**BF40-../DPE11LB4**	21.60	1169	5200	-	-	203	92
5 HP (3.7 kW)	81	1.2	3850	435	**BF30-../DPE11LB4**	21.85	787	3500	-	-	172	78
5 HP (3.7 kW)	77	2.4	4027	455	**BF50-../DPE11LB4**	23.14	1529	6800	-	-	269	122
5 HP (3.7 kW)	75	1.55	4160	470	**BF40-../DPE11LB4**	23.77	1214	5400	-	-	203	92
5 HP (3.7 kW)	74	1.15	4204	475	**BF30-../DPE11LB4**	24.03	809	3600	-	-	172	78
5 HP (3.7 kW)	69	2.3	4514	510	**BF50-../DPE11LB4**	25.88	1596	7100	-	-	269	122
5 HP (3.7 kW)	66	1.45	4691	530	**BF40-../DPE11LB4**	26.86	1259	5600	-	-	203	92
5 HP (3.7 kW)	63	1.05	4956	560	**BF30-../DPE11LB4**	28.23	854	3800	-	-	172	78
5 HP (3.7 kW)	60	1.4	5133	580	**BF40-../DPE11LB4**	29.55	1304	5800	-	-	203	92
5 HP (3.7 kW)	57	0.94	5399	610	**BF30-../DPE11LB4**	31.05	899	4000	-	-	172	78
5 HP (3.7 kW)	57	3.1	5399	610	**BF60-../DPE11LB4**	31.20	1978	8800	5598	24900	337	153
5 HP (3.7 kW)	56	2.0	5576	630	**BF50-../DPE11LB4**	31.73	1686	7500	-	-	269	122
5 HP (3.7 kW)	52	1.3	5930	670	**BF40-../DPE11LB4**	34.21	1349	6000	-	-	203	92
5 HP (3.7 kW)	51	0.83	6107	690	**BF30-../DPE11LB4**	35.00	944	4200	-	-	172	78
5 HP (3.7 kW)	51	2.9	6107	690	**BF60-../DPE11LB4**	34.62	2046	9100	5778	25700	337	153
5 HP (3.7 kW)	50	1.85	6196	700	**BF50-../DPE11LB4**	35.49	1754	7800	-	-	269	122
5 HP (3.7 kW)	47	1.2	6638	750	**BF40-../DPE11LB4**	37.64	1394	6200	-	-	203	92
5 HP (3.7 kW)	42.5	1.1	7346	830	**BF40-../DPE11LB4**	41.42	1461	6500	-	-	203	92
5 HP (3.7 kW)	42.5	2.6	7346	830	**BF60-../DPE11LB4**	41.60	2158	9600	6092	27100	337	153
5 HP (3.7 kW)	42	1.55	7435	840	**BF50-../DPE11LB4**	42.15	1911	8500	-	-	269	122
5 HP (3.7 kW)	39	1.0	7966	900	**BF40-../DPE11LB4**	45.56	1529	6800	-	-	203	92
5 HP (3.7 kW)	38.5	2.4	8054	910	**BF60-../DPE11LB4**	46.16	2226	9900	6295	28000	337	153
5 HP (3.7 kW)	37.5	1.4	8320	940	**BF50-../DPE11LB4**	47.14	2001	8900	-	-	269	122
5 HP (3.7 kW)	36	0.92	8674	980	**BF40-../DPE11LB4**	48.92	1574	7000	-	-	203	92
5 HP (3.7 kW)	33	0.84	9470	1070	**BF40-../DPE11LB4**	53.82	1619	7200	-	-	203	92
5 HP (3.7 kW)	32.5	2.1	9559	1080	**BF60-../DPE11LB4**	54.44	2360	10500	6677	29700	337	153
5 HP (3.7 kW)	31	1.15	10001	1130	**BF50-../DPE11LB4**	56.86	2091	9300	-	-	269	122
5 HP (3.7 kW)	29.5	1.95	10532	1190	**BF60-../DPE11LB4**	60.40	2495	11100	7059	31400	337	153
5 HP (3.7 kW)	28	1.05	11152	1260	**BF50-../DPE11LB4**	63.59	2203	9800	-	-	269	122
5 HP (3.7 kW)	24.5	0.9	12745	1440	**BF50-../DPE11LB4**	72.72	2405	10700	-	-	269	122
5 HP (3.7 kW)	24.5	1.6	12745	1440	**BF60-../DPE11LB4**	72.15	2698	12000	7644	34000	337	153
5 HP (3.7 kW)	22	0.81	14161	1600	**BF50-../DPE11LB4**	81.33	2540	11300	-	-	269	122
5 HP (3.7 kW)	22	1.45	14161	1600	**BF60-../DPE11LB4**	80.05	2833	12600	8003	35600	337	153
5 HP (3.7 kW)	22	3.3	14161	1600	**BF70-../DPE11LB4**	81.82	2878	12800	9285	41300	511	232
5 HP (3.7 kW)	19	1.25	16374	1850	**BF60-../DPE11LB4**	93.44	3035	13500	8588	38200	337	153
5 HP (3.7 kW)	18.5	2.7	16905	1910	**BF70-../DPE11LB4**	95.46	3147	14000	9824	43700	511	232
5 HP (3.7 kW)	17	1.1	18144	2050	**BF60-../DPE11LB4**	103.7	3170	14100	8970	39900	337	153
5 HP (3.7 kW)	17	2.5	18144	2050	**BF70-../DPE11LB4**	105.2	3305	14700	10139	45100	511	232
5 HP (3.7 kW)	16	1.05	19472	2200	**BF60-../DPE11LB4**	113.1	3282	14600	9285	41300	337	153
5 HP (3.7 kW)	14.5	0.96	21242	2400	**BF60-../DPE11LB4**	125.5	3440	15300	9734	43300	337	153
5 HP (3.7 kW)	14.5	2.2	21242	2400	**BF70-../DPE11LB4**	122.7	3619	16100	10723	47700	511	232
5 HP (3.7 kW)	13.5	2.0	23012	2600	**BF70Z-../DPE11LB4**	133.0	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	12.5	0.82	24782	2800	**BF60Z-../DPE11LB4**	140.8	3440	15300	9734	43300	373	169
5 HP (3.7 kW)	11.5	1.7	26995	3050	**BF70Z-../DPE11LB4**	154.0	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	11.5	3.1	26995	3050	**BF80-../DPE11LB4**	158.5	6519	29000	16861	75000	723	328
5 HP (3.7 kW)	9.8	1.45	31863	3600	**BF70Z-../DPE11LB4**	179.7	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	9.6	2.6	32305	3650	**BF80-../DPE11LB4**	184.5	7149	31800	16861	75000	723	328
5 HP (3.7 kW)	8.9	1.3	34960	3950	**BF70Z-../DPE11LB4**	199.7	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	8.5	2.3	36731	4150	**BF80-../DPE11LB4**	209.4	7711	34300	16861	75000	723	328
5 HP (3.7 kW)	7.6	1.15	40713	4600	**BF70Z-../DPE11LB4**	233.0	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	7.5	2.0	41599	4700	**BF80-../DPE11LB4**	237.1	8295	36900	16861	75000	723	328
5 HP (3.7 kW)	6.9	1.0	45139	5100	**BF70Z-../DPE11LB4**	258.7	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	6.8	3.3	45139	5100	**BF90-../DPE11LB4**	259.0	9622	42800	26977	120000	1281	581
5 HP (3.7 kW)	6.6	1.8	46909	5300	**BF80-../DPE11LB4**	269.1	8902	39600	16861	75000	723	328
5 HP (3.7 kW)	6.1	1.85	50449	5700	**BF80Z-../DPE11LB4**	291.7	8902	39600	16861	75000	827	375

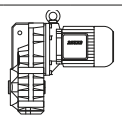
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	5.9	0.88	52219	5900	**BF70Z-../DPE11LB4**	301.8	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	5.9	3.1	52219	5900	**BF90Z-../DPE11LB4**	300.4	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	5.2	2.8	59300	6700	**BF90Z-../DPE11LB4**	343.6	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	5.1	1.5	61070	6900	**BF80Z-../DPE11LB4**	347.3	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	4.7	2.5	66381	7500	**BF90Z-../DPE11LB4**	382.6	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	4.5	1.35	69036	7800	**BF80Z-../DPE11LB4**	394.2	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	4.0	1.2	77887	8800	**BF80Z-../DPE11LB4**	450.4	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	3.9	2.1	79657	9000	**BF90Z-../DPE11LB4**	456.7	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	3.5	1.05	88507	10000	**BF80Z-../DPE11LB4**	511.2	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	3.5	1.85	88507	10000	**BF90Z-../DPE11LB4**	508.5	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	3.1	0.93	100013	11300	**BF80Z-../DPE11LB4**	583.4	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	3.0	1.6	103554	11700	**BF90Z-../DPE11LB4**	591.1	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	2.7	0.81	115060	13000	**BF80Z-../DPE11LB4**	662.1	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	2.7	1.4	115060	13000	**BF90Z-../DPE11LB4**	658.1	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	2.4	1.25	130106	14700	**BF90Z-../DPE11LB4**	759.0	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	2.1	1.1	148693	16800	**BF90Z-../DPE11LB4**	845.1	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	1.9	1.1	150463	17000	**BF90G50-../DPE11LB4**	976.1	9622	42800	26977	120000	1435	651
5 HP (3.7 kW)	1.7	0.96	170819	19300	**BF90G50-../DPE11LB4**	1043	9622	42800	26977	120000	1435	651
5 HP (3.7 kW)	1.5	0.84	193831	21900	**BF90G50-../DPE11LB4**	1204	9622	42800	26977	120000	1435	651

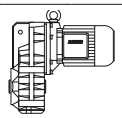
5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	300	2.6	1124	127	**BF40-../DPE11LB4**	5.87	798	3550	-	-	203	92
5.5 HP (4.0 kW)	280	1.95	1204	136	**BF30-../DPE11LB4**	6.34	540	2400	-	-	172	78
5.5 HP (4.0 kW)	235	2.3	1434	162	**BF40-../DPE11LB4**	7.62	877	3900	-	-	203	92
5.5 HP (4.0 kW)	220	1.65	1531	173	**BF30-../DPE11LB4**	8.07	596	2650	-	-	172	78
5.5 HP (4.0 kW)	186	2.0	1814	205	**BF40-../DPE11LB4**	9.48	933	4150	-	-	203	92
5.5 HP (4.0 kW)	177	1.5	1903	215	**BF30-../DPE11LB4**	9.99	641	2850	-	-	172	78
5.5 HP (4.0 kW)	165	2.9	2036	230	**BF50-../DPE11LB4**	10.68	1259	5600	-	-	269	122
5.5 HP (4.0 kW)	150	1.85	2213	250	**BF40-../DPE11LB4**	11.79	1000	4450	-	-	203	92
5.5 HP (4.0 kW)	137	1.35	2434	275	**BF30-../DPE11LB4**	12.91	686	3050	-	-	172	78
5.5 HP (4.0 kW)	121	2.5	2788	315	**BF50-../DPE11LB4**	14.65	1371	6100	-	-	269	122
5.5 HP (4.0 kW)	118	1.65	2832	320	**BF40-../DPE11LB4**	15.02	1079	4800	-	-	203	92
5.5 HP (4.0 kW)	110	1.2	3054	345	**BF30-../DPE11LB4**	16.00	731	3250	-	-	172	78
5.5 HP (4.0 kW)	106	2.6	3186	360	**BF50-../DPE11LB4**	16.70	1394	6200	-	-	269	122
5.5 HP (4.0 kW)	102	1.7	3275	370	**BF40-../DPE11LB4**	17.35	1113	4950	-	-	203	92
5.5 HP (4.0 kW)	100	1.25	3363	380	**BF30-../DPE11LB4**	17.65	742	3300	-	-	172	78
5.5 HP (4.0 kW)	95	2.5	3540	400	**BF50-../DPE11LB4**	18.68	1439	6400	-	-	269	122
5.5 HP (4.0 kW)	93	1.6	3629	410	**BF40-../DPE11LB4**	19.09	1147	5100	-	-	203	92
5.5 HP (4.0 kW)	91	1.2	3673	415	**BF30-../DPE11LB4**	19.41	764	3400	-	-	172	78
5.5 HP (4.0 kW)	82	1.5	4116	465	**BF40-../DPE11LB4**	21.60	1169	5200	-	-	203	92
5.5 HP (4.0 kW)	81	1.15	4160	470	**BF30-../DPE11LB4**	21.85	787	3500	-	-	172	78
5.5 HP (4.0 kW)	77	2.2	4381	495	**BF50-../DPE11LB4**	23.14	1529	6800	-	-	269	122
5.5 HP (4.0 kW)	75	1.45	4425	500	**BF40-../DPE11LB4**	23.77	1214	5400	-	-	203	92
5.5 HP (4.0 kW)	74	1.1	4514	510	**BF30-../DPE11LB4**	24.03	809	3600	-	-	172	78
5.5 HP (4.0 kW)	71	3.3	4691	530	**BF60-../DPE11LB4**	25.05	1843	8200	5216	23200	337	153
5.5 HP (4.0 kW)	69	2.1	4868	550	**BF50-../DPE11LB4**	25.88	1596	7100	-	-	269	122
5.5 HP (4.0 kW)	66	1.35	5045	570	**BF40-../DPE11LB4**	26.86	1259	5600	-	-	203	92
5.5 HP (4.0 kW)	63	0.96	5310	600	**BF30-../DPE11LB4**	28.23	854	3800	-	-	172	78
5.5 HP (4.0 kW)	60	1.3	5576	630	**BF40-../DPE11LB4**	29.55	1304	5800	-	-	203	92

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

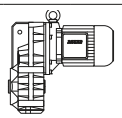
5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	57	0.86	5930	670	**BF30-../DPE11LB4**	31.05	899	4000	-	-	172	78
5.5 HP (4.0 kW)	57	2.8	5930	670	**BF60-../DPE11LB4**	31.20	1978	8800	5598	24900	337	153
5.5 HP (4.0 kW)	56	1.85	6019	680	**BF50-../DPE11LB4**	31.73	1686	7500	-	-	269	122
5.5 HP (4.0 kW)	52	1.15	6461	730	**BF40-../DPE11LB4**	34.21	1349	6000	-	-	203	92
5.5 HP (4.0 kW)	51	2.7	6550	740	**BF60-../DPE11LB4**	34.62	2046	9100	5778	25700	337	153
5.5 HP (4.0 kW)	50	1.7	6727	760	**BF50-../DPE11LB4**	35.49	1754	7800	-	-	269	122
5.5 HP (4.0 kW)	47	1.1	7169	810	**BF40-../DPE11LB4**	37.64	1394	6200	-	-	203	92
5.5 HP (4.0 kW)	42.5	1.0	7877	890	**BF40-../DPE11LB4**	41.42	1461	6500	-	-	203	92
5.5 HP (4.0 kW)	42.5	2.4	7877	890	**BF60-../DPE11LB4**	41.60	2158	9600	6092	27100	337	153
5.5 HP (4.0 kW)	42	1.45	7966	900	**BF50-../DPE11LB4**	42.15	1911	8500	-	-	269	122
5.5 HP (4.0 kW)	39	0.93	8585	970	**BF40-../DPE11LB4**	45.56	1529	6800	-	-	203	92
5.5 HP (4.0 kW)	38.5	2.3	8762	990	**BF60-../DPE11LB4**	46.16	2226	9900	6295	28000	337	153
5.5 HP (4.0 kW)	37.5	1.3	8939	1010	**BF50-../DPE11LB4**	47.14	2001	8900	-	-	269	122
5.5 HP (4.0 kW)	36	0.85	9382	1060	**BF40-../DPE11LB4**	48.92	1574	7000	-	-	203	92
5.5 HP (4.0 kW)	32.5	1.95	10355	1170	**BF60-../DPE11LB4**	54.44	2360	10500	6677	29700	337	153
5.5 HP (4.0 kW)	31	1.05	10886	1230	**BF50-../DPE11LB4**	56.86	2091	9300	-	-	269	122
5.5 HP (4.0 kW)	29.5	1.8	11417	1290	**BF60-../DPE11LB4**	60.40	2495	11100	7059	31400	337	153
5.5 HP (4.0 kW)	28	0.96	12037	1360	**BF50-../DPE11LB4**	63.59	2203	9800	-	-	269	122
5.5 HP (4.0 kW)	24.5	0.84	13719	1550	**BF50-../DPE11LB4**	72.72	2405	10700	-	-	269	122
5.5 HP (4.0 kW)	24.5	1.5	13719	1550	**BF60-../DPE11LB4**	72.15	2698	12000	7644	34000	337	153
5.5 HP (4.0 kW)	22	1.35	15312	1730	**BF60-../DPE11LB4**	80.05	2833	12600	8003	35600	337	153
5.5 HP (4.0 kW)	22	3.0	15312	1730	**BF70-../DPE11LB4**	81.82	2878	12800	9285	41300	511	232
5.5 HP (4.0 kW)	19	1.15	17701	2000	**BF60-../DPE11LB4**	93.44	3035	13500	8588	38200	337	153
5.5 HP (4.0 kW)	18.5	2.5	18144	2050	**BF70-../DPE11LB4**	95.46	3147	14000	9824	43700	511	232
5.5 HP (4.0 kW)	17	1.05	19472	2200	**BF60-../DPE11LB4**	103.7	3170	14100	8970	39900	337	153
5.5 HP (4.0 kW)	17	2.4	19472	2200	**BF70-../DPE11LB4**	105.2	3305	14700	10139	45100	511	232
5.5 HP (4.0 kW)	16	0.98	20799	2350	**BF60-../DPE11LB4**	113.1	3282	14600	9285	41300	337	153
5.5 HP (4.0 kW)	14.5	0.88	23012	2600	**BF60-../DPE11LB4**	125.5	3440	15300	9734	43300	337	153
5.5 HP (4.0 kW)	14.5	2.0	23012	2600	**BF70-../DPE11LB4**	122.7	3619	16100	10723	47700	511	232
5.5 HP (4.0 kW)	13.5	1.85	24782	2800	**BF70Z-../DPE11LB4**	133.0	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	13	3.3	25667	2900	**BF80-../DPE11LB4**	139.7	6002	26700	16861	75000	723	328
5.5 HP (4.0 kW)	11.5	1.6	29207	3300	**BF70Z-../DPE11LB4**	154.0	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	11.5	2.9	29207	3300	**BF80-../DPE11LB4**	158.5	6519	29000	16861	75000	723	328
5.5 HP (4.0 kW)	9.8	1.35	34075	3850	**BF70Z-../DPE11LB4**	179.7	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	9.6	2.4	34960	3950	**BF80-../DPE11LB4**	184.5	7149	31800	16861	75000	723	328
5.5 HP (4.0 kW)	8.9	1.2	37616	4250	**BF70Z-../DPE11LB4**	199.7	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	8.5	2.1	39386	4450	**BF80-../DPE11LB4**	209.4	7711	34300	16861	75000	723	328
5.5 HP (4.0 kW)	7.6	1.05	44254	5000	**BF70Z-../DPE11LB4**	233.0	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	7.5	1.9	44254	5000	**BF80-../DPE11LB4**	237.1	8295	36900	16861	75000	723	328
5.5 HP (4.0 kW)	6.9	0.95	48679	5500	**BF70Z-../DPE11LB4**	258.7	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	6.8	3.0	49564	5600	**BF90-../DPE11LB4**	259.0	9622	42800	26977	120000	1281	581
5.5 HP (4.0 kW)	6.6	1.65	50449	5700	**BF80-../DPE11LB4**	269.1	8902	39600	16861	75000	723	328
5.5 HP (4.0 kW)	6.6	3.2	50449	5700	**BF90Z-../DPE11LB4**	269.8	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	6.1	1.7	54875	6200	**BF80Z-../DPE11LB4**	291.7	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	5.9	0.81	56645	6400	**BF70Z-../DPE11LB4**	301.8	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	5.9	2.9	56645	6400	**BF90Z-../DPE11LB4**	300.4	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	5.2	2.5	64610	7300	**BF90Z-../DPE11LB4**	343.6	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	5.1	1.4	65496	7400	**BF80Z-../DPE11LB4**	347.3	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	4.7	2.3	71691	8100	**BF90Z-../DPE11LB4**	382.6	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	4.5	1.25	74346	8400	**BF80Z-../DPE11LB4**	394.2	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	4.0	1.1	84082	9500	**BF80Z-../DPE11LB4**	450.4	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	3.9	1.9	85852	9700	**BF90Z-../DPE11LB4**	456.7	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	3.5	0.96	96473	10900	**BF80Z-../DPE11LB4**	511.2	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	3.5	1.7	96473	10900	**BF90Z-../DPE11LB4**	508.5	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	3.1	0.85	108864	12300	**BF80Z-../DPE11LB4**	583.4	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	3.0	1.45	112404	12700	**BF90Z-../DPE11LB4**	591.1	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	2.7	1.3	124796	14100	**BF90Z-../DPE11LB4**	658.1	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	2.4	1.15	140727	15900	**BF90Z-../DPE11LB4**	759.0	9622	42800	26977	120000	1413	641

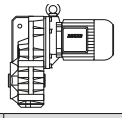
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	2.1	1.0	160198	18100	**BF90Z-../DPE11LB4**	845.1	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	1.9	1.0	163739	18500	**BF90G50-../DPE11LB4**	976.1	9622	42800	26977	120000	1435	651
5.5 HP (4.0 kW)	1.7	0.88	185866	21000	**BF90G50-../DPE11LB4**	1043	9622	42800	26977	120000	1435	651

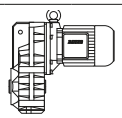
6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	300	2.3	1266	143	**BF40-../DPE11LB4**	5.87	798	3550	-	-	203	92
6 HP (4.5 kW)	280	1.7	1354	153	**BF30-../DPE11LB4**	6.34	540	2400	-	-	172	78
6 HP (4.5 kW)	230	2.0	1646	186	**BF40-../DPE11LB4**	7.62	877	3900	-	-	203	92
6 HP (4.5 kW)	230	3.0	1646	186	**BF50-../DPE11LB4**	7.71	1147	5100	-	-	269	122
6 HP (4.5 kW)	220	1.45	1726	195	**BF30-../DPE11LB4**	8.07	596	2650	-	-	172	78
6 HP (4.5 kW)	185	1.8	2036	230	**BF40-../DPE11LB4**	9.48	933	4150	-	-	203	92
6 HP (4.5 kW)	176	1.35	2124	240	**BF30-../DPE11LB4**	9.99	641	2850	-	-	172	78
6 HP (4.5 kW)	164	2.6	2301	260	**BF50-../DPE11LB4**	10.68	1259	5600	-	-	269	122
6 HP (4.5 kW)	149	1.65	2522	285	**BF40-../DPE11LB4**	11.79	1000	4450	-	-	203	92
6 HP (4.5 kW)	136	1.15	2788	315	**BF30-../DPE11LB4**	12.91	686	3050	-	-	172	78
6 HP (4.5 kW)	120	2.2	3142	355	**BF50-../DPE11LB4**	14.65	1371	6100	-	-	269	122
6 HP (4.5 kW)	117	1.45	3231	365	**BF40-../DPE11LB4**	15.02	1079	4800	-	-	203	92
6 HP (4.5 kW)	110	1.05	3452	390	**BF30-../DPE11LB4**	16.00	731	3250	-	-	172	78
6 HP (4.5 kW)	105	2.3	3585	405	**BF50-../DPE11LB4**	16.70	1394	6200	-	-	269	122
6 HP (4.5 kW)	101	1.5	3762	425	**BF40-../DPE11LB4**	17.35	1113	4950	-	-	203	92
6 HP (4.5 kW)	100	1.15	3762	425	**BF30-../DPE11LB4**	17.65	742	3300	-	-	172	78
6 HP (4.5 kW)	94	2.2	4027	455	**BF50-../DPE11LB4**	18.68	1439	6400	-	-	269	122
6 HP (4.5 kW)	94	3.3	4027	455	**BF60-../DPE11LB4**	18.81	1709	7600	4833	21500	337	153
6 HP (4.5 kW)	92	1.45	4116	465	**BF40-../DPE11LB4**	19.09	1147	5100	-	-	203	92
6 HP (4.5 kW)	91	1.05	4160	470	**BF30-../DPE11LB4**	19.41	764	3400	-	-	172	78
6 HP (4.5 kW)	82	1.35	4602	520	**BF40-../DPE11LB4**	21.60	1169	5200	-	-	203	92
6 HP (4.5 kW)	81	1.0	4691	530	**BF30-../DPE11LB4**	21.85	787	3500	-	-	172	78
6 HP (4.5 kW)	78	3.0	4868	550	**BF60-../DPE11LB4**	22.58	1798	8000	5081	22600	337	153
6 HP (4.5 kW)	76	2.0	4956	560	**BF50-../DPE11LB4**	23.14	1529	6800	-	-	269	122
6 HP (4.5 kW)	74	1.25	5133	580	**BF40-../DPE11LB4**	23.77	1214	5400	-	-	203	92
6 HP (4.5 kW)	73	0.95	5133	580	**BF30-../DPE11LB4**	24.03	809	3600	-	-	172	78
6 HP (4.5 kW)	70	2.8	5399	610	**BF60-../DPE11LB4**	25.05	1843	8200	5216	23200	337	153
6 HP (4.5 kW)	68	1.85	5576	630	**BF50-../DPE11LB4**	25.88	1596	7100	-	-	269	122
6 HP (4.5 kW)	66	1.2	5753	650	**BF40-../DPE11LB4**	26.86	1259	5600	-	-	203	92
6 HP (4.5 kW)	62	0.83	6107	690	**BF30-../DPE11LB4**	28.23	854	3800	-	-	172	78
6 HP (4.5 kW)	60	1.15	6284	710	**BF40-../DPE11LB4**	29.55	1304	5800	-	-	203	92
6 HP (4.5 kW)	57	2.5	6638	750	**BF60-../DPE11LB4**	31.20	1978	8800	5598	24900	337	153
6 HP (4.5 kW)	56	1.65	6727	760	**BF50-../DPE11LB4**	31.73	1686	7500	-	-	269	122
6 HP (4.5 kW)	52	1.05	7258	820	**BF40-../DPE11LB4**	34.21	1349	6000	-	-	203	92
6 HP (4.5 kW)	51	2.4	7435	840	**BF60-../DPE11LB4**	34.62	2046	9100	5778	25700	337	153
6 HP (4.5 kW)	49.5	1.5	7612	860	**BF50-../DPE11LB4**	35.49	1754	7800	-	-	269	122
6 HP (4.5 kW)	46.5	0.97	8143	920	**BF40-../DPE11LB4**	37.64	1394	6200	-	-	203	92
6 HP (4.5 kW)	42.5	0.89	8939	1010	**BF40-../DPE11LB4**	41.42	1461	6500	-	-	203	92
6 HP (4.5 kW)	42.5	2.1	8939	1010	**BF60-../DPE11LB4**	41.60	2158	9600	6092	27100	337	153
6 HP (4.5 kW)	42	1.25	9028	1020	**BF50-../DPE11LB4**	42.15	1911	8500	-	-	269	122
6 HP (4.5 kW)	38.5	0.81	9824	1110	**BF40-../DPE11LB4**	45.56	1529	6800	-	-	203	92
6 HP (4.5 kW)	38	1.95	10001	1130	**BF60-../DPE11LB4**	46.16	2226	9900	6295	28000	337	153
6 HP (4.5 kW)	37.5	1.15	10090	1140	**BF50-../DPE11LB4**	47.14	2001	8900	-	-	269	122
6 HP (4.5 kW)	32.5	1.75	11683	1320	**BF60-../DPE11LB4**	54.44	2360	10500	6677	29700	337	153

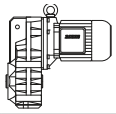
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	31	0.94	12214	1380	**BF50-../DPE11LB4**	56.86	2091	9300	-	-	269	122
6 HP (4.5 kW)	29	1.55	13099	1480	**BF60-../DPE11LB4**	60.40	2495	11100	7059	31400	337	153
6 HP (4.5 kW)	28	0.85	13542	1530	**BF50-../DPE11LB4**	63.59	2203	9800	-	-	269	122
6 HP (4.5 kW)	24.5	1.3	15489	1750	**BF60-../DPE11LB4**	72.15	2698	12000	7644	34000	337	153
6 HP (4.5 kW)	24.5	3.0	15489	1750	**BF70-../DPE11LB4**	72.26	2698	12000	8902	39600	511	232
6 HP (4.5 kW)	22	1.2	17259	1950	**BF60-../DPE11LB4**	80.05	2833	12600	8003	35600	337	153
6 HP (4.5 kW)	21.5	2.6	17613	1990	**BF70-../DPE11LB4**	81.82	2878	12800	9285	41300	511	232
6 HP (4.5 kW)	19	1.0	19914	2250	**BF60-../DPE11LB4**	93.44	3035	13500	8588	38200	337	153
6 HP (4.5 kW)	18.5	2.3	20357	2300	**BF70-../DPE11LB4**	95.46	3147	14000	9824	43700	511	232
6 HP (4.5 kW)	17	0.92	22127	2500	**BF60-../DPE11LB4**	103.7	3170	14100	8970	39900	337	153
6 HP (4.5 kW)	17	2.1	22127	2500	**BF70-../DPE11LB4**	105.2	3305	14700	10139	45100	511	232
6 HP (4.5 kW)	15.5	0.84	24340	2750	**BF60-../DPE11LB4**	113.1	3282	14600	9285	41300	337	153
6 HP (4.5 kW)	14.5	1.75	26110	2950	**BF70-../DPE11LB4**	122.7	3619	16100	10723	47700	511	232
6 HP (4.5 kW)	14.5	3.2	26110	2950	**BF80-../DPE11LB4**	122.4	5508	24500	16861	75000	723	328
6 HP (4.5 kW)	13.5	1.65	27880	3150	**BF70Z-../DPE11LB4**	133.0	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	13	2.9	29207	3300	**BF80-../DPE11LB4**	139.7	6002	26700	16861	75000	723	328
6 HP (4.5 kW)	11.5	1.4	32748	3700	**BF70Z-../DPE11LB4**	154.0	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	11.5	2.6	32748	3700	**BF80-../DPE11LB4**	158.5	6519	29000	16861	75000	723	328
6 HP (4.5 kW)	9.8	1.2	38501	4350	**BF70Z-../DPE11LB4**	179.7	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	9.5	2.1	39828	4500	**BF80-../DPE11LB4**	184.5	7149	31800	16861	75000	723	328
6 HP (4.5 kW)	8.8	1.05	42926	4850	**BF70Z-../DPE11LB4**	199.7	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	8.4	1.85	45139	5100	**BF80-../DPE11LB4**	209.4	7711	34300	16861	75000	723	328
6 HP (4.5 kW)	7.6	0.93	49564	5600	**BF70Z-../DPE11LB4**	233.0	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	7.6	3.0	49564	5600	**BF90-../DPE11LB4**	232.6	8970	39900	26595	118300	1281	581
6 HP (4.5 kW)	7.4	1.65	51334	5800	**BF80-../DPE11LB4**	237.1	8295	36900	16861	75000	723	328
6 HP (4.5 kW)	6.8	0.83	55760	6300	**BF70Z-../DPE11LB4**	258.7	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	6.8	2.7	55760	6300	**BF90-../DPE11LB4**	259.0	9622	42800	26977	120000	1281	581
6 HP (4.5 kW)	6.6	1.45	57530	6500	**BF80-../DPE11LB4**	269.1	8902	39600	16861	75000	723	328
6 HP (4.5 kW)	6.5	2.8	58415	6600	**BF90Z-../DPE11LB4**	269.8	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	6.0	1.5	62840	7100	**BF80Z-../DPE11LB4**	291.7	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	5.9	2.6	63725	7200	**BF90Z-../DPE11LB4**	300.4	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	5.1	1.25	74346	8400	**BF80Z-../DPE11LB4**	347.3	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	5.1	2.2	74346	8400	**BF90Z-../DPE11LB4**	343.6	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	4.6	2.0	82312	9300	**BF90Z-../DPE11LB4**	382.6	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	4.5	1.1	84082	9500	**BF80Z-../DPE11LB4**	394.2	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	3.9	0.95	97358	11000	**BF80Z-../DPE11LB4**	450.4	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	3.9	1.7	97358	11000	**BF90Z-../DPE11LB4**	456.7	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	3.5	0.86	107979	12200	**BF80Z-../DPE11LB4**	511.2	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	3.5	1.5	107979	12200	**BF90Z-../DPE11LB4**	508.5	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	3.0	1.3	126566	14300	**BF90Z-../DPE11LB4**	591.1	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	2.7	1.15	140727	15900	**BF90Z-../DPE11LB4**	658.1	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	2.4	1.05	158428	17900	**BF90Z-../DPE11LB4**	759.0	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	2.1	0.91	180555	20400	**BF90Z-../DPE11LB4**	845.1	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	1.8	0.83	196487	22200	**BF90G50-../DPE11LB4**	976.1	9622	42800	26977	120000	1435	651

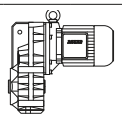
7.5 HP (5.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	330	3.1	1407	159	**BF50-../DPE13XA4**	5.38	1012	4500	-	-	302	137
7.5 HP (5.5 kW)	230	2.5	1991	225	**BF50-../DPE13XA4**	7.71	1147	5100	-	-	302	137
7.5 HP (5.5 kW)	172	3.3	2699	305	**BF60-../DPE13XA4**	10.31	1461	6500	4136	18400	375	170

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

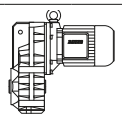
7.5 HP (5.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	166	2.1	2788	315	**BF50-../DPE13XA4**	10.68	1259	5600	-	-	302	137
7.5 HP (5.5 kW)	125	2.8	3717	420	**BF60-../DPE13XA4**	14.24	1596	7100	4496	20000	375	170
7.5 HP (5.5 kW)	121	1.85	3806	430	**BF50-../DPE13XA4**	14.65	1371	6100	-	-	302	137
7.5 HP (5.5 kW)	106	1.9	4381	495	**BF50-../DPE13XA4**	16.70	1394	6200	-	-	302	137
7.5 HP (5.5 kW)	105	2.9	4425	500	**BF60-../DPE13XA4**	16.96	1641	7300	4631	20600	375	170
7.5 HP (5.5 kW)	95	1.8	4868	550	**BF50-../DPE13XA4**	18.68	1439	6400	-	-	302	137
7.5 HP (5.5 kW)	95	2.8	4868	550	**BF60-../DPE13XA4**	18.81	1709	7600	4833	21500	375	170
7.5 HP (5.5 kW)	79	2.5	5841	660	**BF60-../DPE13XA4**	22.58	1798	8000	5081	22600	375	170
7.5 HP (5.5 kW)	77	1.65	6019	680	**BF50-../DPE13XA4**	23.14	1529	6800	-	-	302	137
7.5 HP (5.5 kW)	71	2.4	6461	730	**BF60-../DPE13XA4**	25.05	1843	8200	5216	23200	375	170
7.5 HP (5.5 kW)	69	1.55	6727	760	**BF50-../DPE13XA4**	25.88	1596	7100	-	-	302	137
7.5 HP (5.5 kW)	57	2.1	8143	920	**BF60-../DPE13XA4**	31.20	1978	8800	5598	24900	375	170
7.5 HP (5.5 kW)	56	1.35	8231	930	**BF50-../DPE13XA4**	31.73	1686	7500	-	-	302	137
7.5 HP (5.5 kW)	52	1.95	8939	1010	**BF60-../DPE13XA4**	34.62	2046	9100	5778	25700	375	170
7.5 HP (5.5 kW)	50	1.25	9293	1050	**BF50-../DPE13XA4**	35.49	1754	7800	-	-	302	137
7.5 HP (5.5 kW)	43	1.75	10798	1220	**BF60-../DPE13XA4**	41.60	2158	9600	6092	27100	375	170
7.5 HP (5.5 kW)	42	1.05	11063	1250	**BF50-../DPE13XA4**	42.15	1911	8500	-	-	302	137
7.5 HP (5.5 kW)	38.5	1.65	12037	1360	**BF60-../DPE13XA4**	46.16	2226	9900	6295	28000	375	170
7.5 HP (5.5 kW)	38	0.94	12214	1380	**BF50-../DPE13XA4**	47.14	2001	8900	-	-	302	137
7.5 HP (5.5 kW)	33	1.45	14073	1590	**BF60-../DPE13XA4**	54.44	2360	10500	6677	29700	375	170
7.5 HP (5.5 kW)	32	3.2	14515	1640	**BF70-../DPE13XA4**	55.79	2293	10200	8093	36000	549	249
7.5 HP (5.5 kW)	29.5	1.3	15754	1780	**BF60-../DPE13XA4**	60.40	2495	11100	7059	31400	375	170
7.5 HP (5.5 kW)	29	2.9	16020	1810	**BF70-../DPE13XA4**	61.94	2428	10800	8408	37400	549	249
7.5 HP (5.5 kW)	25	1.1	18587	2100	**BF60-../DPE13XA4**	72.15	2698	12000	7644	34000	375	170
7.5 HP (5.5 kW)	24.5	2.5	18587	2100	**BF70-../DPE13XA4**	72.26	2698	12000	8902	39600	549	249
7.5 HP (5.5 kW)	22.5	1.0	20357	2300	**BF60-../DPE13XA4**	80.05	2833	12600	8003	35600	375	170
7.5 HP (5.5 kW)	22	2.2	20799	2350	**BF70-../DPE13XA4**	81.82	2878	12800	9285	41300	549	249
7.5 HP (5.5 kW)	19	0.84	24340	2750	**BF60-../DPE13XA4**	93.44	3035	13500	8588	38200	375	170
7.5 HP (5.5 kW)	19	1.9	24340	2750	**BF70-../DPE13XA4**	95.46	3147	14000	9824	43700	549	249
7.5 HP (5.5 kW)	17	1.7	26995	3050	**BF70-../DPE13XA4**	105.2	3305	14700	10139	45100	549	249
7.5 HP (5.5 kW)	16.5	3.0	27880	3150	**BF80-../DPE13XA4**	107.9	5036	22400	16254	72300	761	345
7.5 HP (5.5 kW)	14.5	1.45	31863	3600	**BF70-../DPE13XA4**	122.7	3619	16100	10723	47700	549	249
7.5 HP (5.5 kW)	14.5	2.6	31863	3600	**BF80-../DPE13XA4**	122.4	5508	24500	16861	75000	761	345
7.5 HP (5.5 kW)	13.5	1.35	34075	3850	**BF70Z-../DPE13XA4**	133.0	3619	16100	10723	47700	604	274
7.5 HP (5.5 kW)	13	2.4	35403	4000	**BF80-../DPE13XA4**	139.7	6002	26700	16861	75000	761	345
7.5 HP (5.5 kW)	11.5	1.15	40271	4550	**BF70Z-../DPE13XA4**	154.0	3619	16100	10723	47700	604	274
7.5 HP (5.5 kW)	11.5	2.1	40271	4550	**BF80-../DPE13XA4**	158.5	6519	29000	16861	75000	761	345
7.5 HP (5.5 kW)	10	3.2	46024	5200	**BF90-../DPE13XA4**	178.6	7509	33400	23987	106700	1316	597
7.5 HP (5.5 kW)	9.9	0.98	46909	5300	**BF70Z-../DPE13XA4**	179.7	3619	16100	10723	47700	604	274
7.5 HP (5.5 kW)	9.6	1.75	47794	5400	**BF80-../DPE13XA4**	184.5	7149	31800	16861	75000	761	345
7.5 HP (5.5 kW)	9.0	2.9	51334	5800	**BF90-../DPE13XA4**	198.8	8093	36000	25021	111300	1316	597
7.5 HP (5.5 kW)	8.9	0.88	52219	5900	**BF70Z-../DPE13XA4**	199.7	3619	16100	10723	47700	604	274
7.5 HP (5.5 kW)	8.5	1.55	53990	6100	**BF80-../DPE13XA4**	209.4	7711	34300	16861	75000	761	345
7.5 HP (5.5 kW)	7.7	2.5	60185	6800	**BF90-../DPE13XA4**	232.6	8970	39900	26595	118300	1316	597
7.5 HP (5.5 kW)	7.5	1.35	61955	7000	**BF80-../DPE13XA4**	237.1	8295	36900	16861	75000	761	345
7.5 HP (5.5 kW)	6.9	2.2	67266	7600	**BF90-../DPE13XA4**	259.0	9622	42800	26977	120000	1316	597
7.5 HP (5.5 kW)	6.6	1.2	69921	7900	**BF80-../DPE13XA4**	269.1	8902	39600	16861	75000	761	345
7.5 HP (5.5 kW)	6.6	2.3	69921	7900	**BF90Z-../DPE13XA4**	269.8	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	6.1	1.2	76116	8600	**BF80Z-../DPE13XA4**	291.7	8902	39600	16861	75000	862	391
7.5 HP (5.5 kW)	5.9	2.1	78772	8900	**BF90Z-../DPE13XA4**	300.4	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	5.2	1.85	89393	10100	**BF90Z-../DPE13XA4**	343.6	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	5.1	1.05	90278	10200	**BF80Z-../DPE13XA4**	347.3	8902	39600	16861	75000	862	391
7.5 HP (5.5 kW)	4.7	1.65	98243	11100	**BF90Z-../DPE13XA4**	382.6	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	4.5	0.91	102669	11600	**BF80Z-../DPE13XA4**	394.2	8902	39600	16861	75000	862	391
7.5 HP (5.5 kW)	4.0	0.8	115945	13100	**BF80Z-../DPE13XA4**	450.4	8902	39600	16861	75000	862	391
7.5 HP (5.5 kW)	3.9	1.4	118600	13400	**BF90Z-../DPE13XA4**	456.7	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	3.5	1.25	132761	15000	**BF90Z-../DPE13XA4**	508.5	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	3.0	1.05	154888	17500	**BF90Z-../DPE13XA4**	591.1	9622	42800	26977	120000	1451	658

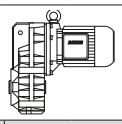
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

7.5 HP (5.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	2.7	0.95	171704	19400	**BF90Z-../DPE13XA4**	658.1	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	2.4	0.85	192946	21800	**BF90Z-../DPE13XA4**	759.0	9622	42800	26977	120000	1451	658

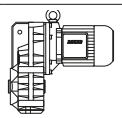
10 HP (7.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
10 HP (7.5 kW)	330	2.3	1903	215	**BF50-../DPE13XA4**	5.38	1012	4500	-	-	302	137
10 HP (7.5 kW)	230	1.8	2744	310	**BF50-../DPE13XA4**	7.71	1147	5100	-	-	302	137
10 HP (7.5 kW)	230	2.8	2744	310	**BF60-../DPE13XA4**	7.74	1349	6000	3799	16900	375	170
10 HP (7.5 kW)	172	2.4	3673	415	**BF60-../DPE13XA4**	10.31	1461	6500	4136	18400	375	170
10 HP (7.5 kW)	166	1.55	3806	430	**BF50-../DPE13XA4**	10.68	1259	5600	-	-	302	137
10 HP (7.5 kW)	124	2.1	5045	570	**BF60-../DPE13XA4**	14.24	1596	7100	4496	20000	375	170
10 HP (7.5 kW)	121	1.35	5222	590	**BF50-../DPE13XA4**	14.65	1371	6100	-	-	302	137
10 HP (7.5 kW)	106	1.4	5930	670	**BF50-../DPE13XA4**	16.70	1394	6200	-	-	302	137
10 HP (7.5 kW)	105	2.1	6019	680	**BF60-../DPE13XA4**	16.96	1641	7300	4631	20600	375	170
10 HP (7.5 kW)	95	1.35	6638	750	**BF50-../DPE13XA4**	18.68	1439	6400	-	-	302	137
10 HP (7.5 kW)	94	2.0	6727	760	**BF60-../DPE13XA4**	18.81	1709	7600	4833	21500	375	170
10 HP (7.5 kW)	79	1.85	7966	900	**BF60-../DPE13XA4**	22.58	1798	8000	5081	22600	375	170
10 HP (7.5 kW)	77	1.2	8231	930	**BF50-../DPE13XA4**	23.14	1529	6800	-	-	302	137
10 HP (7.5 kW)	71	1.75	8851	1000	**BF60-../DPE13XA4**	25.05	1843	8200	5216	23200	375	170
10 HP (7.5 kW)	69	1.15	9116	1030	**BF50-../DPE13XA4**	25.88	1596	7100	-	-	302	137
10 HP (7.5 kW)	57	1.5	11063	1250	**BF60-../DPE13XA4**	31.20	1978	8800	5598	24900	375	170
10 HP (7.5 kW)	56	1.0	11240	1270	**BF50-../DPE13XA4**	31.73	1686	7500	-	-	302	137
10 HP (7.5 kW)	51	1.4	12391	1400	**BF60-../DPE13XA4**	34.62	2046	9100	5778	25700	375	170
10 HP (7.5 kW)	50	0.91	12657	1430	**BF50-../DPE13XA4**	35.49	1754	7800	-	-	302	137
10 HP (7.5 kW)	42.5	1.25	14869	1680	**BF60-../DPE13XA4**	41.60	2158	9600	6092	27100	375	170
10 HP (7.5 kW)	41.5	3.0	15223	1720	**BF70-../DPE13XA4**	43.02	1956	8700	7374	32800	549	249
10 HP (7.5 kW)	38.5	1.2	16462	1860	**BF60-../DPE13XA4**	46.16	2226	9900	6295	28000	375	170
10 HP (7.5 kW)	37	2.7	17082	1930	**BF70-../DPE13XA4**	47.82	2046	9100	7644	34000	549	249
10 HP (7.5 kW)	32.5	1.05	19472	2200	**BF60-../DPE13XA4**	54.44	2360	10500	6677	29700	375	170
10 HP (7.5 kW)	32	2.4	19472	2200	**BF70-../DPE13XA4**	55.79	2293	10200	8093	36000	549	249
10 HP (7.5 kW)	29.5	0.96	21242	2400	**BF60-../DPE13XA4**	60.40	2495	11100	7059	31400	375	170
10 HP (7.5 kW)	28.5	2.1	22127	2500	**BF70-../DPE13XA4**	61.94	2428	10800	8408	37400	549	249
10 HP (7.5 kW)	24.5	1.8	25667	2900	**BF70-../DPE13XA4**	72.26	2698	12000	8902	39600	549	249
10 HP (7.5 kW)	22	1.6	28765	3250	**BF70-../DPE13XA4**	81.82	2878	12800	9285	41300	549	249
10 HP (7.5 kW)	21.5	2.9	29207	3300	**BF80-../DPE13XA4**	83.16	4136	18400	14635	65100	761	345
10 HP (7.5 kW)	19	2.5	33190	3750	**BF80-../DPE13XA4**	94.38	4564	20300	15399	68500	761	345
10 HP (7.5 kW)	18.5	1.35	34075	3850	**BF70-../DPE13XA4**	95.46	3147	14000	9824	43700	549	249
10 HP (7.5 kW)	17	1.25	37173	4200	**BF70-../DPE13XA4**	105.2	3305	14700	10139	45100	549	249
10 HP (7.5 kW)	16.5	2.2	38058	4300	**BF80-../DPE13XA4**	107.9	5036	22400	16254	72300	761	345
10 HP (7.5 kW)	14.5	1.05	43369	4900	**BF70-../DPE13XA4**	122.7	3619	16100	10723	47700	549	249
10 HP (7.5 kW)	14.5	1.95	43369	4900	**BF80-../DPE13XA4**	122.4	5508	24500	16861	75000	761	345
10 HP (7.5 kW)	13.5	0.98	46909	5300	**BF70Z-../DPE13XA4**	133.0	3619	16100	10723	47700	604	274
10 HP (7.5 kW)	13	1.75	48679	5500	**BF80-../DPE13XA4**	139.7	6002	26700	16861	75000	761	345
10 HP (7.5 kW)	13	3.1	48679	5500	**BF90-../DPE13XA4**	139.1	6227	27700	21649	96300	1316	597
10 HP (7.5 kW)	11.5	0.84	54875	6200	**BF70Z-../DPE13XA4**	154.0	3619	16100	10723	47700	604	274
10 HP (7.5 kW)	11.5	1.55	54875	6200	**BF80-../DPE13XA4**	158.5	6519	29000	16861	75000	761	345
10 HP (7.5 kW)	11.5	2.7	54875	6200	**BF90-../DPE13XA4**	154.8	6767	30100	22661	100800	1316	597
10 HP (7.5 kW)	9.9	2.3	63725	7200	**BF90-../DPE13XA4**	178.6	7509	33400	23987	106700	1316	597
10 HP (7.5 kW)	9.6	1.3	65496	7400	**BF80-../DPE13XA4**	184.5	7149	31800	16861	75000	761	345
10 HP (7.5 kW)	8.9	2.1	70806	8000	**BF90-../DPE13XA4**	198.8	8093	36000	25021	111300	1316	597

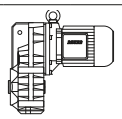
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

10 HP (7.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
10 HP (7.5 kW)	8.5	1.15	74346	8400	**BF80-../DPE13XA4**	209.4	7711	34300	16861	75000	761	345
10 HP (7.5 kW)	7.6	1.8	83197	9400	**BF90-../DPE13XA4**	232.6	8970	39900	26595	118300	1316	597
10 HP (7.5 kW)	7.5	1.0	84082	9500	**BF80-../DPE13XA4**	237.1	8295	36900	16861	75000	761	345
10 HP (7.5 kW)	6.9	1.65	91163	10300	**BF90-../DPE13XA4**	259.0	9622	42800	26977	120000	1316	597
10 HP (7.5 kW)	6.6	0.88	95588	10800	**BF80-../DPE13XA4**	269.1	8902	39600	16861	75000	761	345
10 HP (7.5 kW)	6.6	1.7	95588	10800	**BF90Z-../DPE13XA4**	269.8	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	6.1	0.9	103554	11700	**BF80Z-../DPE13XA4**	291.7	8902	39600	16861	75000	862	391
10 HP (7.5 kW)	5.9	1.55	107094	12100	**BF90Z-../DPE13XA4**	300.4	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	5.2	1.35	121255	13700	**BF90Z-../DPE13XA4**	343.6	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	4.7	1.2	134531	15200	**BF90Z-../DPE13XA4**	382.6	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	3.9	1.0	161969	18300	**BF90Z-../DPE13XA4**	456.7	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	3.5	0.91	180555	20400	**BF90Z-../DPE13XA4**	508.5	9622	42800	26977	120000	1451	658

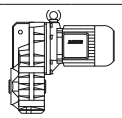
12.75 HP (9.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
12.75 HP (9.5 kW)	345	2.9	2301	260	**BF60-../DPE16LB4**	5.22	1169	5200	3327	14800	454	206
12.75 HP (9.5 kW)	335	1.85	2390	270	**BF50-../DPE16LB4**	5.38	1012	4500	-	-	381	173
12.75 HP (9.5 kW)	235	1.45	3408	385	**BF50-../DPE16LB4**	7.71	1147	5100	-	-	381	173
12.75 HP (9.5 kW)	230	2.2	3452	390	**BF60-../DPE16LB4**	7.74	1349	6000	3799	16900	454	206
12.75 HP (9.5 kW)	173	1.95	4602	520	**BF60-../DPE16LB4**	10.31	1461	6500	4136	18400	454	206
12.75 HP (9.5 kW)	167	1.25	4779	540	**BF50-../DPE16LB4**	10.68	1259	5600	-	-	381	173
12.75 HP (9.5 kW)	125	1.65	6373	720	**BF60-../DPE16LB4**	14.24	1596	7100	4496	20000	454	206
12.75 HP (9.5 kW)	122	1.05	6550	740	**BF50-../DPE16LB4**	14.65	1371	6100	-	-	381	173
12.75 HP (9.5 kW)	107	1.15	7435	840	**BF50-../DPE16LB4**	16.70	1394	6200	-	-	381	173
12.75 HP (9.5 kW)	105	1.7	7612	860	**BF60-../DPE16LB4**	16.96	1641	7300	4631	20600	454	206
12.75 HP (9.5 kW)	96	1.05	8320	940	**BF50-../DPE16LB4**	18.68	1439	6400	-	-	381	173
12.75 HP (9.5 kW)	95	1.6	8408	950	**BF60-../DPE16LB4**	18.81	1709	7600	4833	21500	454	206
12.75 HP (9.5 kW)	79	1.45	10090	1140	**BF60-../DPE16LB4**	22.58	1798	8000	5081	22600	454	206
12.75 HP (9.5 kW)	77	0.95	10355	1170	**BF50-../DPE16LB4**	23.14	1529	6800	-	-	381	173
12.75 HP (9.5 kW)	72	1.4	11152	1260	**BF60-../DPE16LB4**	25.05	1843	8200	5216	23200	454	206
12.75 HP (9.5 kW)	69	0.89	11594	1310	**BF50-../DPE16LB4**	25.88	1596	7100	-	-	381	173
12.75 HP (9.5 kW)	58	1.2	13807	1560	**BF60-../DPE16LB4**	31.20	1978	8800	5598	24900	454	206
12.75 HP (9.5 kW)	57	0.8	14073	1590	**BF50-../DPE16LB4**	31.73	1686	7500	-	-	381	173
12.75 HP (9.5 kW)	56	3.2	14338	1620	**BF70-../DPE16LB4**	31.84	1731	7700	6744	30000	637	289
12.75 HP (9.5 kW)	52	1.15	15400	1740	**BF60-../DPE16LB4**	34.62	2046	9100	5778	25700	454	206
12.75 HP (9.5 kW)	48.5	2.8	16551	1870	**BF70-../DPE16LB4**	36.88	1776	7900	6992	31100	637	289
12.75 HP (9.5 kW)	43	1.0	18587	2100	**BF60-../DPE16LB4**	41.60	2158	9600	6092	27100	454	206
12.75 HP (9.5 kW)	41.5	2.4	19029	2150	**BF70-../DPE16LB4**	43.02	1956	8700	7374	32800	637	289
12.75 HP (9.5 kW)	39	0.97	20357	2300	**BF60-../DPE16LB4**	46.16	2226	9900	6295	28000	454	206
12.75 HP (9.5 kW)	37.5	2.2	21242	2400	**BF70-../DPE16LB4**	47.82	2046	9100	7644	34000	637	289
12.75 HP (9.5 kW)	33.5	3.3	23897	2700	**BF80-../DPE16LB4**	53.86	3147	14000	12544	55800	849	385
12.75 HP (9.5 kW)	33	0.85	23897	2700	**BF60-../DPE16LB4**	54.44	2360	10500	6677	29700	454	206
12.75 HP (9.5 kW)	32	1.85	24782	2800	**BF70-../DPE16LB4**	55.79	2293	10200	8093	36000	637	289
12.75 HP (9.5 kW)	29	1.7	27437	3100	**BF70-../DPE16LB4**	61.94	2428	10800	8408	37400	637	289
12.75 HP (9.5 kW)	29	3.0	27437	3100	**BF80-../DPE16LB4**	61.55	3327	14800	13061	58100	849	385
12.75 HP (9.5 kW)	25.5	2.7	31420	3550	**BF80-../DPE16LB4**	69.86	3574	15900	13623	60600	849	385
12.75 HP (9.5 kW)	25	1.45	31863	3600	**BF70-../DPE16LB4**	72.26	2698	12000	8902	39600	637	289
12.75 HP (9.5 kW)	22	1.25	36288	4100	**BF70-../DPE16LB4**	81.82	2878	12800	9285	41300	637	289
12.75 HP (9.5 kW)	21.5	2.3	37173	4200	**BF80-../DPE16LB4**	83.16	4136	18400	14635	65100	849	385
12.75 HP (9.5 kW)	19	1.1	42041	4750	**BF70-../DPE16LB4**	95.46	3147	14000	9824	43700	637	289

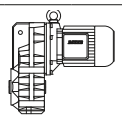
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

12.75 HP (9.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
12.75 HP (9.5 kW)	19	2.0	42041	4750	**BF80-../DPE16LB4**	94.38	4564	20300	15399	68500	849	385
12.75 HP (9.5 kW)	17	0.98	46909	5300	**BF70-../DPE16LB4**	105.2	3305	14700	10139	45100	637	289
12.75 HP (9.5 kW)	17	3.2	46909	5300	**BF90-../DPE16LB4**	107.5	5013	22300	19536	86900	1393	632
12.75 HP (9.5 kW)	16.5	1.75	47794	5400	**BF80-../DPE16LB4**	107.9	5036	22400	16254	72300	849	385
12.75 HP (9.5 kW)	15	0.87	53104	6000	**BF70-../DPE16LB4**	122.7	3619	16100	10723	47700	637	289
12.75 HP (9.5 kW)	15	1.6	53104	6000	**BF80-../DPE16LB4**	122.4	5508	24500	16861	75000	849	385
12.75 HP (9.5 kW)	15	2.8	53104	6000	**BF90-../DPE16LB4**	119.7	5508	24500	20413	90800	1393	632
12.75 HP (9.5 kW)	13	1.4	61070	6900	**BF80-../DPE16LB4**	139.7	6002	26700	16861	75000	849	385
12.75 HP (9.5 kW)	13	2.4	61070	6900	**BF90-../DPE16LB4**	139.1	6227	27700	21649	96300	1393	632
12.75 HP (9.5 kW)	11.5	1.2	69036	7800	**BF80-../DPE16LB4**	158.5	6519	29000	16861	75000	849	385
12.75 HP (9.5 kW)	11.5	2.2	69036	7800	**BF90-../DPE16LB4**	154.8	6767	30100	22661	100800	1393	632
12.75 HP (9.5 kW)	10	1.85	79657	9000	**BF90-../DPE16LB4**	178.6	7509	33400	23987	106700	1393	632
12.75 HP (9.5 kW)	9.7	1.0	82312	9300	**BF80-../DPE16LB4**	184.5	7149	31800	16861	75000	849	385
12.75 HP (9.5 kW)	9.0	1.7	88507	10000	**BF90-../DPE16LB4**	198.8	8093	36000	25021	111300	1393	632
12.75 HP (9.5 kW)	8.6	0.9	92933	10500	**BF80-../DPE16LB4**	209.4	7711	34300	16861	75000	849	385
12.75 HP (9.5 kW)	7.7	1.45	103554	11700	**BF90-../DPE16LB4**	232.6	8970	39900	26595	118300	1393	632
12.75 HP (9.5 kW)	7.6	0.8	105324	11900	**BF80-../DPE16LB4**	237.1	8295	36900	16861	75000	849	385
12.75 HP (9.5 kW)	6.9	1.3	115945	13100	**BF90-../DPE16LB4**	259.0	9622	42800	26977	120000	1393	632
12.75 HP (9.5 kW)	6.6	1.35	121255	13700	**BF90Z-../DPE16LB4**	269.8	9622	42800	26977	120000	1530	694
12.75 HP (9.5 kW)	6.0	1.25	133646	15100	**BF90Z-../DPE16LB4**	300.4	9622	42800	26977	120000	1530	694
12.75 HP (9.5 kW)	5.2	1.05	154003	17400	**BF90Z-../DPE16LB4**	343.6	9622	42800	26977	120000	1530	694
12.75 HP (9.5 kW)	4.7	0.96	170819	19300	**BF90Z-../DPE16LB4**	382.6	9622	42800	26977	120000	1530	694
12.75 HP (9.5 kW)	3.9	0.8	205337	23200	**BF90Z-../DPE16LB4**	456.7	9622	42800	26977	120000	1530	694

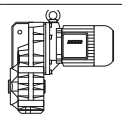
15 HP (11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
15 HP (11 kW)	345	2.5	2655	300	**BF60-../DPE16LB4**	5.22	1169	5200	3327	14800	454	206
15 HP (11 kW)	335	1.6	2744	310	**BF50-../DPE16LB4**	5.38	1012	4500	-	-	381	173
15 HP (11 kW)	235	1.25	3939	445	**BF50-../DPE16LB4**	7.71	1147	5100	-	-	381	173
15 HP (11 kW)	230	1.9	4027	455	**BF60-../DPE16LB4**	7.74	1349	6000	3799	16900	454	206
15 HP (11 kW)	173	1.7	5310	600	**BF60-../DPE16LB4**	10.31	1461	6500	4136	18400	454	206
15 HP (11 kW)	167	1.1	5487	620	**BF50-../DPE16LB4**	10.68	1259	5600	-	-	381	173
15 HP (11 kW)	125	1.4	7435	840	**BF60-../DPE16LB4**	14.24	1596	7100	4496	20000	454	206
15 HP (11 kW)	122	0.92	7612	860	**BF50-../DPE16LB4**	14.65	1371	6100	-	-	381	173
15 HP (11 kW)	107	0.97	8674	980	**BF50-../DPE16LB4**	16.70	1394	6200	-	-	381	173
15 HP (11 kW)	105	1.45	8851	1000	**BF60-../DPE16LB4**	16.96	1641	7300	4631	20600	454	206
15 HP (11 kW)	96	0.92	9647	1090	**BF50-../DPE16LB4**	18.68	1439	6400	-	-	381	173
15 HP (11 kW)	95	1.4	9736	1100	**BF60-../DPE16LB4**	18.81	1709	7600	4833	21500	454	206
15 HP (11 kW)	79	1.25	11683	1320	**BF60-../DPE16LB4**	22.58	1798	8000	5081	22600	454	206
15 HP (11 kW)	77	0.81	12037	1360	**BF50-../DPE16LB4**	23.14	1529	6800	-	-	381	173
15 HP (11 kW)	72	1.2	12834	1450	**BF60-../DPE16LB4**	25.05	1843	8200	5216	23200	454	206
15 HP (11 kW)	66	3.3	14073	1590	**BF70-../DPE16LB4**	27.29	1574	7000	6385	28400	637	289
15 HP (11 kW)	58	1.05	16020	1810	**BF60-../DPE16LB4**	31.20	1978	8800	5598	24900	454	206
15 HP (11 kW)	56	2.8	16551	1870	**BF70-../DPE16LB4**	31.84	1731	7700	6744	30000	637	289
15 HP (11 kW)	52	0.99	17701	2000	**BF60-../DPE16LB4**	34.62	2046	9100	5778	25700	454	206
15 HP (11 kW)	48.5	2.4	19029	2150	**BF70-../DPE16LB4**	36.88	1776	7900	6992	31100	637	289
15 HP (11 kW)	43	0.89	21242	2400	**BF60-../DPE16LB4**	41.60	2158	9600	6092	27100	454	206
15 HP (11 kW)	41.5	2.1	22127	2500	**BF70-../DPE16LB4**	43.02	1956	8700	7374	32800	637	289
15 HP (11 kW)	39	0.84	23454	2650	**BF60-../DPE16LB4**	46.16	2226	9900	6295	28000	454	206
15 HP (11 kW)	38	3.1	24340	2750	**BF80-../DPE16LB4**	47.46	3012	13400	12072	53700	849	385

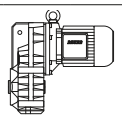
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

15 HP (11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
15 HP (11 kW)	37.5	1.85	24782	2800	**BF70-../DPE16LB4**	47.82	2046	9100	7644	34000	637	289
15 HP (11 kW)	33.5	2.9	27437	3100	**BF80-../DPE16LB4**	53.86	3147	14000	12544	55800	849	385
15 HP (11 kW)	32	1.6	28765	3250	**BF70-../DPE16LB4**	55.79	2293	10200	8093	36000	637	289
15 HP (11 kW)	29	1.45	31863	3600	**BF70-../DPE16LB4**	61.94	2428	10800	8408	37400	637	289
15 HP (11 kW)	29	2.6	31863	3600	**BF80-../DPE16LB4**	61.55	3327	14800	13061	58100	849	385
15 HP (11 kW)	25.5	2.3	36288	4100	**BF80-../DPE16LB4**	69.86	3574	15900	13623	60600	849	385
15 HP (11 kW)	25	1.25	37173	4200	**BF70-../DPE16LB4**	72.26	2698	12000	8902	39600	637	289
15 HP (11 kW)	22	1.1	42041	4750	**BF70-../DPE16LB4**	81.82	2878	12800	9285	41300	637	289
15 HP (11 kW)	21.5	1.95	42926	4850	**BF80-../DPE16LB4**	83.16	4136	18400	14635	65100	849	385
15 HP (11 kW)	20	3.2	46024	5200	**BF90-../DPE16LB4**	90.02	4249	18900	18120	80600	1393	632
15 HP (11 kW)	19	0.95	48679	5500	**BF70-../DPE16LB4**	95.46	3147	14000	9824	43700	637	289
15 HP (11 kW)	19	1.75	48679	5500	**BF80-../DPE16LB4**	94.38	4564	20300	15399	68500	849	385
15 HP (11 kW)	17	0.85	53990	6100	**BF70-../DPE16LB4**	105.2	3305	14700	10139	45100	637	289
15 HP (11 kW)	17	2.8	53990	6100	**BF90-../DPE16LB4**	107.5	5013	22300	19536	86900	1393	632
15 HP (11 kW)	16.5	1.5	55760	6300	**BF80-../DPE16LB4**	107.9	5036	22400	16254	72300	849	385
15 HP (11 kW)	15	1.35	61955	7000	**BF80-../DPE16LB4**	122.4	5508	24500	16861	75000	849	385
15 HP (11 kW)	15	2.4	61955	7000	**BF90-../DPE16LB4**	119.7	5508	24500	20413	90800	1393	632
15 HP (11 kW)	13	1.2	70806	8000	**BF80-../DPE16LB4**	139.7	6002	26700	16861	75000	849	385
15 HP (11 kW)	13	2.1	70806	8000	**BF90-../DPE16LB4**	139.1	6227	27700	21649	96300	1393	632
15 HP (11 kW)	11.5	1.05	80542	9100	**BF80-../DPE16LB4**	158.5	6519	29000	16861	75000	849	385
15 HP (11 kW)	11.5	1.85	80542	9100	**BF90-../DPE16LB4**	154.8	6767	30100	22661	100800	1393	632
15 HP (11 kW)	10	1.6	92933	10500	**BF90-../DPE16LB4**	178.6	7509	33400	23987	106700	1393	632
15 HP (11 kW)	9.7	0.88	95588	10800	**BF80-../DPE16LB4**	184.5	7149	31800	16861	75000	849	385
15 HP (11 kW)	9.0	1.45	102669	11600	**BF90-../DPE16LB4**	198.8	8093	36000	25021	111300	1393	632
15 HP (11 kW)	7.7	1.25	120370	13600	**BF90-../DPE16LB4**	232.6	8970	39900	26595	118300	1393	632
15 HP (11 kW)	6.9	1.1	134531	15200	**BF90-../DPE16LB4**	259.0	9622	42800	26977	120000	1393	632
15 HP (11 kW)	6.6	1.15	140727	15900	**BF90Z-../DPE16LB4**	269.8	9622	42800	26977	120000	1530	694
15 HP (11 kW)	6.0	1.05	154888	17500	**BF90Z-../DPE16LB4**	300.4	9622	42800	26977	120000	1530	694
15 HP (11 kW)	5.2	0.92	178785	20200	**BF90Z-../DPE16LB4**	343.6	9622	42800	26977	120000	1530	694
15 HP (11 kW)	4.7	0.83	197372	22300	**BF90Z-../DPE16LB4**	382.6	9622	42800	26977	120000	1530	694

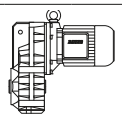
16.8 HP (12.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
16.8 HP (12.5 kW)	340	2.2	3098	350	**BF60-../DPE16LB4**	5.22	1169	5200	3327	14800	454	206
16.8 HP (12.5 kW)	330	1.4	3186	360	**BF50-../DPE16LB4**	5.38	1012	4500	-	-	381	173
16.8 HP (12.5 kW)	230	1.1	4514	510	**BF50-../DPE16LB4**	7.71	1147	5100	-	-	381	173
16.8 HP (12.5 kW)	230	1.7	4514	510	**BF60-../DPE16LB4**	7.74	1349	6000	3799	16900	454	206
16.8 HP (12.5 kW)	172	1.45	6107	690	**BF60-../DPE16LB4**	10.31	1461	6500	4136	18400	454	206
16.8 HP (12.5 kW)	166	0.95	6284	710	**BF50-../DPE16LB4**	10.68	1259	5600	-	-	381	173
16.8 HP (12.5 kW)	125	1.25	8408	950	**BF60-../DPE16LB4**	14.24	1596	7100	4496	20000	454	206
16.8 HP (12.5 kW)	121	0.81	8674	980	**BF50-../DPE16LB4**	14.65	1371	6100	-	-	381	173
16.8 HP (12.5 kW)	106	0.85	9913	1120	**BF50-../DPE16LB4**	16.70	1394	6200	-	-	381	173
16.8 HP (12.5 kW)	105	1.3	10001	1130	**BF60-../DPE16LB4**	16.96	1641	7300	4631	20600	454	206
16.8 HP (12.5 kW)	95	0.8	11063	1250	**BF50-../DPE16LB4**	18.68	1439	6400	-	-	381	173
16.8 HP (12.5 kW)	95	1.2	11063	1250	**BF60-../DPE16LB4**	18.81	1709	7600	4833	21500	454	206
16.8 HP (12.5 kW)	85	3.3	12391	1400	**BF70-../DPE16LB4**	21.04	1439	6400	5912	26300	637	289
16.8 HP (12.5 kW)	79	1.1	13365	1510	**BF60-../DPE16LB4**	22.58	1798	8000	5081	22600	454	206
16.8 HP (12.5 kW)	73	3.1	14427	1630	**BF70-../DPE16LB4**	24.55	1574	7000	6227	27700	637	289
16.8 HP (12.5 kW)	71	1.05	14869	1680	**BF60-../DPE16LB4**	25.05	1843	8200	5216	23200	454	206
16.8 HP (12.5 kW)	65	2.8	16197	1830	**BF70-../DPE16LB4**	27.29	1574	7000	6385	28400	637	289

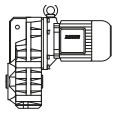
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

16.8 HP (12.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
16.8 HP (12.5 kW)	57	0.93	18144	2050	**BF60-../DPE16LB4**	31.20	1978	8800	5598	24900	454	206
16.8 HP (12.5 kW)	56	2.5	18587	2100	**BF70-../DPE16LB4**	31.84	1731	7700	6744	30000	637	289
16.8 HP (12.5 kW)	52	0.88	19914	2250	**BF60-../DPE16LB4**	34.62	2046	9100	5778	25700	454	206
16.8 HP (12.5 kW)	48	2.1	21684	2450	**BF70-../DPE16LB4**	36.88	1776	7900	6992	31100	637	289
16.8 HP (12.5 kW)	46.5	3.2	22569	2550	**BF80-../DPE16LB4**	38.14	2743	12200	11308	50300	849	385
16.8 HP (12.5 kW)	41.5	1.8	25225	2850	**BF70-../DPE16LB4**	43.02	1956	8700	7374	32800	637	289
16.8 HP (12.5 kW)	37.5	1.65	27880	3150	**BF70-../DPE16LB4**	47.82	2046	9100	7644	34000	637	289
16.8 HP (12.5 kW)	37.5	2.7	27880	3150	**BF80-../DPE16LB4**	47.46	3012	13400	12072	53700	849	385
16.8 HP (12.5 kW)	33	2.5	31863	3600	**BF80-../DPE16LB4**	53.86	3147	14000	12544	55800	849	385
16.8 HP (12.5 kW)	32	1.4	32748	3700	**BF70-../DPE16LB4**	55.79	2293	10200	8093	36000	637	289
16.8 HP (12.5 kW)	29	1.25	36288	4100	**BF70-../DPE16LB4**	61.94	2428	10800	8408	37400	637	289
16.8 HP (12.5 kW)	29	2.3	36288	4100	**BF80-../DPE16LB4**	61.55	3327	14800	13061	58100	849	385
16.8 HP (12.5 kW)	25.5	2.0	41156	4650	**BF80-../DPE16LB4**	69.86	3574	15900	13623	60600	849	385
16.8 HP (12.5 kW)	24.5	1.05	42926	4850	**BF70-../DPE16LB4**	72.26	2698	12000	8902	39600	637	289
16.8 HP (12.5 kW)	22	0.96	47794	5400	**BF70-../DPE16LB4**	81.82	2878	12800	9285	41300	637	289
16.8 HP (12.5 kW)	22	3.1	47794	5400	**BF90-../DPE16LB4**	80.85	3934	17500	17423	77500	1393	632
16.8 HP (12.5 kW)	21.5	1.75	48679	5500	**BF80-../DPE16LB4**	83.16	4136	18400	14635	65100	849	385
16.8 HP (12.5 kW)	20	2.8	52219	5900	**BF90-../DPE16LB4**	90.02	4249	18900	18120	80600	1393	632
16.8 HP (12.5 kW)	19	0.84	54875	6200	**BF70-../DPE16LB4**	95.46	3147	14000	9824	43700	637	289
16.8 HP (12.5 kW)	19	1.55	54875	6200	**BF80-../DPE16LB4**	94.38	4564	20300	15399	68500	849	385
16.8 HP (12.5 kW)	16.5	1.3	63725	7200	**BF80-../DPE16LB4**	107.9	5036	22400	16254	72300	849	385
16.8 HP (12.5 kW)	16.5	2.3	63725	7200	**BF90-../DPE16LB4**	107.5	5013	22300	19536	86900	1393	632
16.8 HP (12.5 kW)	15	2.1	69921	7900	**BF90-../DPE16LB4**	119.7	5508	24500	20413	90800	1393	632
16.8 HP (12.5 kW)	14.5	1.15	72576	8200	**BF80-../DPE16LB4**	122.4	5508	24500	16861	75000	849	385
16.8 HP (12.5 kW)	13	1.05	80542	9100	**BF80-../DPE16LB4**	139.7	6002	26700	16861	75000	849	385
16.8 HP (12.5 kW)	13	1.85	80542	9100	**BF90-../DPE16LB4**	139.1	6227	27700	21649	96300	1393	632
16.8 HP (12.5 kW)	11.5	0.92	91163	10300	**BF80-../DPE16LB4**	158.5	6519	29000	16861	75000	849	385
16.8 HP (12.5 kW)	11.5	1.65	91163	10300	**BF90-../DPE16LB4**	154.8	6767	30100	22661	100800	1393	632
16.8 HP (12.5 kW)	10	1.4	105324	11900	**BF90-../DPE16LB4**	178.6	7509	33400	23987	106700	1393	632
16.8 HP (12.5 kW)	9.0	1.25	116830	13200	**BF90-../DPE16LB4**	198.8	8093	36000	25021	111300	1393	632
16.8 HP (12.5 kW)	7.7	1.1	137187	15500	**BF90-../DPE16LB4**	232.6	8970	39900	26595	118300	1393	632
16.8 HP (12.5 kW)	6.9	0.97	153118	17300	**BF90-../DPE16LB4**	259.0	9622	42800	26977	120000	1393	632
16.8 HP (12.5 kW)	6.6	1.05	159313	18000	**BF90Z-../DPE16LB4**	269.8	9622	42800	26977	120000	1530	694
16.8 HP (12.5 kW)	5.9	0.92	178785	20200	**BF90Z-../DPE16LB4**	300.4	9622	42800	26977	120000	1530	694
16.8 HP (12.5 kW)	5.2	0.81	202682	22900	**BF90Z-../DPE16LB4**	343.6	9622	42800	26977	120000	1530	694

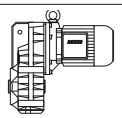
20 HP (15 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
20 HP (15 kW)	345	1.8	3673	415	**BF60-../DPE16XB4**	5.22	1169	5200	3327	14800	476	216
20 HP (15 kW)	335	1.15	3762	425	**BF50-../DPE16XB4**	5.38	1012	4500	-	-	403	183
20 HP (15 kW)	235	0.94	5310	600	**BF50-../DPE16XB4**	7.71	1147	5100	-	-	403	183
20 HP (15 kW)	230	1.4	5487	620	**BF60-../DPE16XB4**	7.74	1349	6000	3799	16900	476	216
20 HP (15 kW)	173	1.25	7258	820	**BF60-../DPE16XB4**	10.31	1461	6500	4136	18400	476	216
20 HP (15 kW)	167	0.8	7523	850	**BF50-../DPE16XB4**	10.68	1259	5600	-	-	403	183
20 HP (15 kW)	125	1.05	10090	1140	**BF60-../DPE16XB4**	14.24	1596	7100	4496	20000	476	216
20 HP (15 kW)	120	3.1	10532	1190	**BF70-../DPE16XB4**	14.90	1326	5900	5395	24000	659	299
20 HP (15 kW)	105	1.05	12037	1360	**BF60-../DPE16XB4**	16.96	1641	7300	4631	20600	476	216
20 HP (15 kW)	103	3.1	12303	1390	**BF70-../DPE16XB4**	17.39	1394	6200	5620	25000	659	299
20 HP (15 kW)	95	1.0	13276	1500	**BF60-../DPE16XB4**	18.81	1709	7600	4833	21500	476	216
20 HP (15 kW)	85	2.7	14869	1680	**BF70-../DPE16XB4**	21.04	1439	6400	5912	26300	659	299

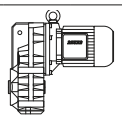
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

20 HP (15 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
20 HP (15 kW)	79	0.91	16020	1810	**BF60-../DPE16XB4**	22.58	1798	8000	5081	22600	476	216
20 HP (15 kW)	73	2.6	17347	1960	**BF70-../DPE16XB4**	24.55	1574	7000	6227	27700	659	299
20 HP (15 kW)	72	0.88	17524	1980	**BF60-../DPE16XB4**	25.05	1843	8200	5216	23200	476	216
20 HP (15 kW)	66	2.4	19029	2150	**BF70-../DPE16XB4**	27.29	1574	7000	6385	28400	659	299
20 HP (15 kW)	59	3.0	21242	2400	**BF80-../DPE16XB4**	30.21	2765	12300	10768	47900	871	395
20 HP (15 kW)	56	2.0	22569	2550	**BF70-../DPE16XB4**	31.84	1731	7700	6744	30000	659	299
20 HP (15 kW)	53	2.9	23897	2700	**BF80-../DPE16XB4**	33.61	2630	11700	10881	48400	871	395
20 HP (15 kW)	48.5	1.75	26110	2950	**BF70-../DPE16XB4**	36.88	1776	7900	6992	31100	659	299
20 HP (15 kW)	47	2.7	26552	3000	**BF80-../DPE16XB4**	38.14	2743	12200	11308	50300	871	395
20 HP (15 kW)	41.5	1.5	30535	3450	**BF70-../DPE16XB4**	43.02	1956	8700	7374	32800	659	299
20 HP (15 kW)	38	2.3	33190	3750	**BF80-../DPE16XB4**	47.46	3012	13400	12072	53700	871	395
20 HP (15 kW)	37.5	1.35	33633	3800	**BF70-../DPE16XB4**	47.82	2046	9100	7644	34000	659	299
20 HP (15 kW)	33.5	2.1	37616	4250	**BF80-../DPE16XB4**	53.86	3147	14000	12544	55800	871	395
20 HP (15 kW)	32	1.15	39386	4450	**BF70-../DPE16XB4**	55.79	2293	10200	8093	36000	659	299
20 HP (15 kW)	29	1.05	43369	4900	**BF70-../DPE16XB4**	61.94	2428	10800	8408	37400	659	299
20 HP (15 kW)	29	1.9	43369	4900	**BF80-../DPE16XB4**	61.55	3327	14800	13061	58100	871	395
20 HP (15 kW)	28.5	3.1	44254	5000	**BF90-../DPE16XB4**	63.49	3552	15800	16186	72000	1415	642
20 HP (15 kW)	25.5	1.7	49564	5600	**BF80-../DPE16XB4**	69.86	3574	15900	13623	60600	871	395
20 HP (15 kW)	25.5	2.8	49564	5600	**BF90-../DPE16XB4**	70.69	3777	16800	16793	74700	1415	642
20 HP (15 kW)	25	0.91	50449	5700	**BF70-../DPE16XB4**	72.26	2698	12000	8902	39600	659	299
20 HP (15 kW)	22.5	2.6	55760	6300	**BF90-../DPE16XB4**	80.85	3934	17500	17423	77500	1415	642
20 HP (15 kW)	22	0.8	57530	6500	**BF70-../DPE16XB4**	81.82	2878	12800	9285	41300	659	299
20 HP (15 kW)	21.5	1.45	58415	6600	**BF80-../DPE16XB4**	83.16	4136	18400	14635	65100	871	395
20 HP (15 kW)	20	2.4	62840	7100	**BF90-../DPE16XB4**	90.02	4249	18900	18120	80600	1415	642
20 HP (15 kW)	19	1.25	66381	7500	**BF80-../DPE16XB4**	94.38	4564	20300	15399	68500	871	395
20 HP (15 kW)	17	2.0	74346	8400	**BF90-../DPE16XB4**	107.5	5013	22300	19536	86900	1415	642
20 HP (15 kW)	16.5	1.1	76116	8600	**BF80-../DPE16XB4**	107.9	5036	22400	16254	72300	871	395
20 HP (15 kW)	15	1.0	84082	9500	**BF80-../DPE16XB4**	122.4	5508	24500	16861	75000	871	395
20 HP (15 kW)	15	1.75	84082	9500	**BF90-../DPE16XB4**	119.7	5508	24500	20413	90800	1415	642
20 HP (15 kW)	13	0.86	97358	11000	**BF80-../DPE16XB4**	139.7	6002	26700	16861	75000	871	395
20 HP (15 kW)	13	1.55	97358	11000	**BF90-../DPE16XB4**	139.1	6227	27700	21649	96300	1415	642
20 HP (15 kW)	11.5	1.35	109749	12400	**BF90-../DPE16XB4**	154.8	6767	30100	22661	100800	1415	642
20 HP (15 kW)	10	1.15	126566	14300	**BF90-../DPE16XB4**	178.6	7509	33400	23987	106700	1415	642
20 HP (15 kW)	9.0	1.05	140727	15900	**BF90-../DPE16XB4**	198.8	8093	36000	25021	111300	1415	642
20 HP (15 kW)	7.7	0.9	164624	18600	**BF90-../DPE16XB4**	232.6	8970	39900	26595	118300	1415	642
20 HP (15 kW)	6.9	0.81	183210	20700	**BF90-../DPE16XB4**	259.0	9622	42800	26977	120000	1415	642
20 HP (15 kW)	6.6	0.85	192061	21700	**BF90Z-../DPE16XB4**	269.8	9622	42800	26977	120000	1552	704

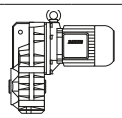
25 HP (18.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
25 HP (18.5 kW)	345	1.5	4514	510	**BF60-../DPE18LB4**	5.22	1169	5200	3327	14800	580	263
25 HP (18.5 kW)	230	1.15	6727	760	**BF60-../DPE18LB4**	7.74	1349	6000	3799	16900	580	263
25 HP (18.5 kW)	173	0.99	9028	1020	**BF60-../DPE18LB4**	10.31	1461	6500	4136	18400	580	263
25 HP (18.5 kW)	173	2.5	9028	1020	**BF70-../DPE18LB4**	10.32	1034	4600	4204	18700	750	340
25 HP (18.5 kW)	156	3.2	10001	1130	**BF80-../DPE18LB4**	11.42	2001	8900	7239	32200	961	436
25 HP (18.5 kW)	148	2.5	10532	1190	**BF70-../DPE18LB4**	12.04	1102	4900	4429	19700	750	340
25 HP (18.5 kW)	125	0.84	12480	1410	**BF60-../DPE18LB4**	14.24	1596	7100	4496	20000	580	263
25 HP (18.5 kW)	120	2.5	13011	1470	**BF70-../DPE18LB4**	14.90	1326	5900	5395	24000	750	340
25 HP (18.5 kW)	108	3.3	14427	1630	**BF80-../DPE18LB4**	16.49	2563	11400	9307	41400	961	436
25 HP (18.5 kW)	105	0.86	14869	1680	**BF60-../DPE18LB4**	16.96	1641	7300	4631	20600	580	263

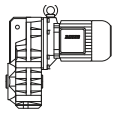
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

25 HP (18.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
25 HP (18.5 kW)	103	2.5	15135	1710	**BF70-../DPE18LB4**	17.39	1394	6200	5620	25000	750	340
25 HP (18.5 kW)	95	0.82	16374	1850	**BF60-../DPE18LB4**	18.81	1709	7600	4833	21500	580	263
25 HP (18.5 kW)	85	2.2	18144	2050	**BF70-../DPE18LB4**	21.04	1439	6400	5912	26300	750	340
25 HP (18.5 kW)	77	2.8	19914	2250	**BF80-../DPE18LB4**	23.29	2653	11800	10094	44900	961	436
25 HP (18.5 kW)	73	2.1	21242	2400	**BF70-../DPE18LB4**	24.55	1574	7000	6227	27700	750	340
25 HP (18.5 kW)	66	1.95	23454	2650	**BF70-../DPE18LB4**	27.29	1574	7000	6385	28400	750	340
25 HP (18.5 kW)	59	2.4	26110	2950	**BF80-../DPE18LB4**	30.21	2765	12300	10768	47900	961	436
25 HP (18.5 kW)	56	1.65	27880	3150	**BF70-../DPE18LB4**	31.84	1731	7700	6744	30000	750	340
25 HP (18.5 kW)	53	2.4	29207	3300	**BF80-../DPE18LB4**	33.61	2630	11700	10881	48400	961	436
25 HP (18.5 kW)	48.5	1.45	31863	3600	**BF70-../DPE18LB4**	36.88	1776	7900	6992	31100	750	340
25 HP (18.5 kW)	47	2.2	33190	3750	**BF80-../DPE18LB4**	38.14	2743	12200	11308	50300	961	436
25 HP (18.5 kW)	41.5	1.2	37616	4250	**BF70-../DPE18LB4**	43.02	1956	8700	7374	32800	750	340
25 HP (18.5 kW)	38.5	3.1	40271	4550	**BF90-../DPE18LB4**	46.43	3102	13800	14725	65500	1517	688
25 HP (18.5 kW)	38	1.85	40713	4600	**BF80-../DPE18LB4**	47.46	3012	13400	12072	53700	961	436
25 HP (18.5 kW)	37.5	1.1	41599	4700	**BF70-../DPE18LB4**	47.82	2046	9100	7644	34000	750	340
25 HP (18.5 kW)	34.5	2.8	45139	5100	**BF90-../DPE18LB4**	51.70	3282	14600	15242	67800	1517	688
25 HP (18.5 kW)	33.5	1.7	46024	5200	**BF80-../DPE18LB4**	53.86	3147	14000	12544	55800	961	436
25 HP (18.5 kW)	32	0.95	48679	5500	**BF70-../DPE18LB4**	55.79	2293	10200	8093	36000	750	340
25 HP (18.5 kW)	29	0.87	53104	6000	**BF70-../DPE18LB4**	61.94	2428	10800	8408	37400	750	340
25 HP (18.5 kW)	29	1.55	53104	6000	**BF80-../DPE18LB4**	61.55	3327	14800	13061	58100	961	436
25 HP (18.5 kW)	28.5	2.5	53990	6100	**BF90-../DPE18LB4**	63.49	3552	15800	16186	72000	1517	688
25 HP (18.5 kW)	25.5	1.4	61070	6900	**BF80-../DPE18LB4**	69.86	3574	15900	13623	60600	961	436
25 HP (18.5 kW)	25.5	2.3	61070	6900	**BF90-../DPE18LB4**	70.69	3777	16800	16793	74700	1517	688
25 HP (18.5 kW)	22.5	2.1	69036	7800	**BF90-../DPE18LB4**	80.85	3934	17500	17423	77500	1517	688
25 HP (18.5 kW)	21.5	1.15	72576	8200	**BF80-../DPE18LB4**	83.16	4136	18400	14635	65100	961	436
25 HP (18.5 kW)	20	1.9	77887	8800	**BF90-../DPE18LB4**	90.02	4249	18900	18120	80600	1517	688
25 HP (18.5 kW)	19	1.05	81427	9200	**BF80-../DPE18LB4**	94.38	4564	20300	15399	68500	961	436
25 HP (18.5 kW)	17	1.65	91163	10300	**BF90-../DPE18LB4**	107.5	5013	22300	19536	86900	1517	688
25 HP (18.5 kW)	16.5	0.89	94703	10700	**BF80-../DPE18LB4**	107.9	5036	22400	16254	72300	961	436
25 HP (18.5 kW)	15	0.81	103554	11700	**BF80-../DPE18LB4**	122.4	5508	24500	16861	75000	961	436
25 HP (18.5 kW)	15	1.45	103554	11700	**BF90-../DPE18LB4**	119.7	5508	24500	20413	90800	1517	688
25 HP (18.5 kW)	13	1.25	119485	13500	**BF90-../DPE18LB4**	139.1	6227	27700	21649	96300	1517	688
25 HP (18.5 kW)	11.5	1.1	135416	15300	**BF90-../DPE18LB4**	154.8	6767	30100	22661	100800	1517	688
25 HP (18.5 kW)	10	0.95	155773	17600	**BF90-../DPE18LB4**	178.6	7509	33400	23987	106700	1517	688
25 HP (18.5 kW)	9.0	0.86	173475	19600	**BF90-../DPE18LB4**	198.8	8093	36000	25021	111300	1517	688

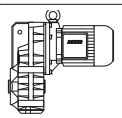
30 HP (22 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
30 HP (22 kW)	173	2.1	10709	1210	**BF70-../DPE18XB4**	10.32	1034	4600	4204	18700	789	358
30 HP (22 kW)	156	2.7	11860	1340	**BF80-../DPE18XB4**	11.42	2001	8900	7239	32200	1001	454
30 HP (22 kW)	148	2.1	12480	1410	**BF70-../DPE18XB4**	12.04	1102	4900	4429	19700	789	358
30 HP (22 kW)	120	2.1	15489	1750	**BF70-../DPE18XB4**	14.90	1326	5900	5395	24000	789	358
30 HP (22 kW)	108	2.7	17170	1940	**BF80-../DPE18XB4**	16.49	2563	11400	9307	41400	1001	454
30 HP (22 kW)	103	2.1	17701	2000	**BF70-../DPE18XB4**	17.39	1394	6200	5620	25000	789	358
30 HP (22 kW)	85	1.9	21684	2450	**BF70-../DPE18XB4**	21.04	1439	6400	5912	26300	789	358
30 HP (22 kW)	77	2.3	23897	2700	**BF80-../DPE18XB4**	23.29	2653	11800	10094	44900	1001	454
30 HP (22 kW)	73	1.75	25225	2850	**BF70-../DPE18XB4**	24.55	1574	7000	6227	27700	789	358
30 HP (22 kW)	66	1.65	27880	3150	**BF70-../DPE18XB4**	27.29	1574	7000	6385	28400	789	358
30 HP (22 kW)	59	2.0	31420	3550	**BF80-../DPE18XB4**	30.21	2765	12300	10768	47900	1001	454
30 HP (22 kW)	56	1.4	33190	3750	**BF70-../DPE18XB4**	31.84	1731	7700	6744	30000	789	358

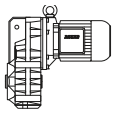
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

30 HP (22 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
30 HP (22 kW)	53	1.95	34960	3950	**BF80-../DPE18XB4**	33.61	2630	11700	10881	48400	1001	454
30 HP (22 kW)	53	3.3	34960	3950	**BF90-../DPE18XB4**	33.71	2675	11900	13331	59300	1556	706
30 HP (22 kW)	48.5	1.2	38058	4300	**BF70-../DPE18XB4**	36.88	1776	7900	6992	31100	789	358
30 HP (22 kW)	47.5	3.0	38943	4400	**BF90-../DPE18XB4**	37.54	2855	12700	13826	61500	1556	706
30 HP (22 kW)	47	1.8	39386	4450	**BF80-../DPE18XB4**	38.14	2743	12200	11308	50300	1001	454
30 HP (22 kW)	41.5	1.05	44254	5000	**BF70-../DPE18XB4**	43.02	1956	8700	7374	32800	789	358
30 HP (22 kW)	38.5	2.6	47794	5400	**BF90-../DPE18XB4**	46.43	3102	13800	14725	65500	1556	706
30 HP (22 kW)	38	1.55	48679	5500	**BF80-../DPE18XB4**	47.46	3012	13400	12072	53700	1001	454
30 HP (22 kW)	37.5	0.93	49564	5600	**BF70-../DPE18XB4**	47.82	2046	9100	7644	34000	789	358
30 HP (22 kW)	34.5	2.4	53104	6000	**BF90-../DPE18XB4**	51.70	3282	14600	15242	67800	1556	706
30 HP (22 kW)	33.5	1.45	54875	6200	**BF80-../DPE18XB4**	53.86	3147	14000	12544	55800	1001	454
30 HP (22 kW)	32	0.8	57530	6500	**BF70-../DPE18XB4**	55.79	2293	10200	8093	36000	789	358
30 HP (22 kW)	29	1.3	63725	7200	**BF80-../DPE18XB4**	61.55	3327	14800	13061	58100	1001	454
30 HP (22 kW)	28.5	2.1	64610	7300	**BF90-../DPE18XB4**	63.49	3552	15800	16186	72000	1556	706
30 HP (22 kW)	25.5	1.15	72576	8200	**BF80-../DPE18XB4**	69.86	3574	15900	13623	60600	1001	454
30 HP (22 kW)	25.5	1.95	72576	8200	**BF90-../DPE18XB4**	70.69	3777	16800	16793	74700	1556	706
30 HP (22 kW)	22.5	1.8	82312	9300	**BF90-../DPE18XB4**	80.85	3934	17500	17423	77500	1556	706
30 HP (22 kW)	21.5	0.98	85852	9700	**BF80-../DPE18XB4**	83.16	4136	18400	14635	65100	1001	454
30 HP (22 kW)	20	1.6	92933	10500	**BF90-../DPE18XB4**	90.02	4249	18900	18120	80600	1556	706
30 HP (22 kW)	19	0.86	97358	11000	**BF80-../DPE18XB4**	94.38	4564	20300	15399	68500	1001	454
30 HP (22 kW)	17	1.35	108864	12300	**BF90-../DPE18XB4**	107.5	5013	22300	19536	86900	1556	706
30 HP (22 kW)	15	1.2	123910	14000	**BF90-../DPE18XB4**	119.7	5508	24500	20413	90800	1556	706
30 HP (22 kW)	13	1.05	142497	16100	**BF90-../DPE18XB4**	139.1	6227	27700	21649	96300	1556	706
30 HP (22 kW)	11.5	0.92	161084	18200	**BF90-../DPE18XB4**	154.8	6767	30100	22661	100800	1556	706
30 HP (22 kW)	10	0.8	185866	21000	**BF90-../DPE18XB4**	178.6	7509	33400	23987	106700	1556	706

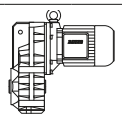
40 HP (30 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
40 HP (30 kW)	173	1.5	14604	1650	**BF70-../DPE20XA4**	10.32	1034	4600	4204	18700	1131	513
40 HP (30 kW)	157	2.0	16108	1820	**BF80-../DPE20XA4**	11.42	2001	8900	7239	32200	1343	609
40 HP (30 kW)	149	1.55	16993	1920	**BF70-../DPE20XA4**	12.04	1102	4900	4429	19700	1131	513
40 HP (30 kW)	120	1.55	20799	2350	**BF70-../DPE20XA4**	14.90	1326	5900	5395	24000	1131	513
40 HP (30 kW)	109	2.0	23012	2600	**BF80-../DPE20XA4**	16.49	2563	11400	9307	41400	1343	609
40 HP (30 kW)	103	1.55	24340	2750	**BF70-../DPE20XA4**	17.39	1394	6200	5620	25000	1131	513
40 HP (30 kW)	85	1.35	29650	3350	**BF70-../DPE20XA4**	21.04	1439	6400	5912	26300	1131	513
40 HP (30 kW)	77	1.7	32748	3700	**BF80-../DPE20XA4**	23.29	2653	11800	10094	44900	1343	609
40 HP (30 kW)	75	3.0	33633	3800	**BF90-../DPE20XA4**	23.95	2495	11100	12207	54300	1894	859
40 HP (30 kW)	73	1.3	34518	3900	**BF70-../DPE20XA4**	24.55	1574	7000	6227	27700	1131	513
40 HP (30 kW)	66	1.2	38058	4300	**BF70-../DPE20XA4**	27.29	1574	7000	6385	28400	1131	513
40 HP (30 kW)	60	1.5	42041	4750	**BF80-../DPE20XA4**	30.21	2765	12300	10768	47900	1343	609
40 HP (30 kW)	57	1.05	44254	5000	**BF70-../DPE20XA4**	31.84	1731	7700	6744	30000	1131	513
40 HP (30 kW)	54	1.45	46909	5300	**BF80-../DPE20XA4**	33.61	2630	11700	10881	48400	1343	609
40 HP (30 kW)	53	2.4	47794	5400	**BF90-../DPE20XA4**	33.71	2675	11900	13331	59300	1894	859
40 HP (30 kW)	48.5	0.88	52219	5900	**BF70-../DPE20XA4**	36.88	1776	7900	6992	31100	1131	513
40 HP (30 kW)	48	2.2	52219	5900	**BF90-../DPE20XA4**	37.54	2855	12700	13826	61500	1894	859
40 HP (30 kW)	47	1.35	53104	6000	**BF80-../DPE20XA4**	38.14	2743	12200	11308	50300	1343	609
40 HP (30 kW)	38.5	1.9	65496	7400	**BF90-../DPE20XA4**	46.43	3102	13800	14725	65500	1894	859
40 HP (30 kW)	38	1.15	66381	7500	**BF80-../DPE20XA4**	47.46	3012	13400	12072	53700	1343	609
40 HP (30 kW)	35	1.8	71691	8100	**BF90-../DPE20XA4**	51.70	3282	14600	15242	67800	1894	859
40 HP (30 kW)	33.5	1.05	75231	8500	**BF80-../DPE20XA4**	53.86	3147	14000	12544	55800	1343	609

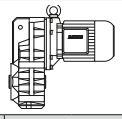
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

40 HP (30 kW)



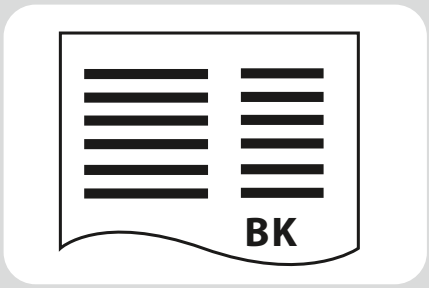
P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
40 HP (30 kW)	29.5	0.96	85852	9700	**BF80-../DPE20XA4**	61.55	3327	14800	13061	58100	1343	609
40 HP (30 kW)	28.5	1.55	88507	10000	**BF90-../DPE20XA4**	63.49	3552	15800	16186	72000	1894	859
40 HP (30 kW)	26	0.86	97358	11000	**BF80-../DPE20XA4**	69.86	3574	15900	13623	60600	1343	609
40 HP (30 kW)	25.5	1.4	99128	11200	**BF90-../DPE20XA4**	70.69	3777	16800	16793	74700	1894	859
40 HP (30 kW)	22.5	1.3	112404	12700	**BF90-../DPE20XA4**	80.85	3934	17500	17423	77500	1894	859
40 HP (30 kW)	20	1.15	126566	14300	**BF90-../DPE20XA4**	90.02	4249	18900	18120	80600	1894	859
40 HP (30 kW)	17	1.0	148693	16800	**BF90-../DPE20XA4**	107.5	5013	22300	19536	86900	1894	859
40 HP (30 kW)	15	0.88	169049	19100	**BF90-../DPE20XA4**	119.7	5508	24500	20413	90800	1894	859

50 HP (37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
50 HP (37 kW)	173	1.25	17701	2000	**BF70-../DPE22MA4**	10.32	1034	4600	4204	18700	1254	569
50 HP (37 kW)	156	1.65	19914	2250	**BF80-../DPE22MA4**	11.42	2001	8900	7239	32200	1466	665
50 HP (37 kW)	148	1.25	20799	2350	**BF70-../DPE22MA4**	12.04	1102	4900	4429	19700	1254	569
50 HP (37 kW)	143	2.9	21684	2450	**BF90-../DPE22MA4**	12.45	1798	8000	8925	39700	2017	915
50 HP (37 kW)	120	1.25	25667	2900	**BF70-../DPE22MA4**	14.90	1326	5900	5395	24000	1254	569
50 HP (37 kW)	108	1.65	28765	3250	**BF80-../DPE22MA4**	16.49	2563	11400	9307	41400	1466	665
50 HP (37 kW)	103	1.25	30093	3400	**BF70-../DPE22MA4**	17.39	1394	6200	5620	25000	1254	569
50 HP (37 kW)	103	3.0	30093	3400	**BF90-../DPE22MA4**	17.39	2248	10000	11128	49500	2017	915
50 HP (37 kW)	85	1.1	36731	4150	**BF70-../DPE22MA4**	21.04	1439	6400	5912	26300	1254	569
50 HP (37 kW)	77	1.4	40271	4550	**BF80-../DPE22MA4**	23.29	2653	11800	10094	44900	1466	665
50 HP (37 kW)	75	2.4	41599	4700	**BF90-../DPE22MA4**	23.95	2495	11100	12207	54300	2017	915
50 HP (37 kW)	73	1.05	42484	4800	**BF70-../DPE22MA4**	24.55	1574	7000	6227	27700	1254	569
50 HP (37 kW)	59	1.2	52219	5900	**BF80-../DPE22MA4**	30.21	2765	12300	10768	47900	1466	665
50 HP (37 kW)	53	1.2	58415	6600	**BF80-../DPE22MA4**	33.61	2630	11700	10881	48400	1466	665
50 HP (37 kW)	53	1.95	58415	6600	**BF90-../DPE22MA4**	33.71	2675	11900	13331	59300	2017	915
50 HP (37 kW)	47.5	1.8	65496	7400	**BF90-../DPE22MA4**	37.54	2855	12700	13826	61500	2017	915
50 HP (37 kW)	47	1.1	66381	7500	**BF80-../DPE22MA4**	38.14	2743	12200	11308	50300	1466	665
50 HP (37 kW)	38.5	1.55	80542	9100	**BF90-../DPE22MA4**	46.43	3102	13800	14725	65500	2017	915
50 HP (37 kW)	34.5	1.4	90278	10200	**BF90-../DPE22MA4**	51.70	3282	14600	15242	67800	2017	915
50 HP (37 kW)	28.5	1.25	108864	12300	**BF90-../DPE22MA4**	63.49	3552	15800	16186	72000	2017	915
50 HP (37 kW)	25.5	1.15	122140	13800	**BF90-../DPE22MA4**	70.69	3777	16800	16793	74700	2017	915
50 HP (37 kW)	22.5	1.05	138957	15700	**BF90-../DPE22MA4**	80.85	3934	17500	17423	77500	2017	915

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.



8

BK-series bevel-geared motors - Selection

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Sizes

Bauer BK-series bevel-geared motors are normally supplied in ten frame sizes and with torques of 80 to 18,500 Nm. Higher torques are available on request. The gear unit is accommodated in a sturdy cast housing

Bauer service factors (f_B) for bevel-geared motors

Of the numerous factors influencing the total loading of a gear unit, the most important include:

- Mean torque (rated torque)
- Daily operating hours
- Severity of torque peaks (shock classification)
- Frequency of torque peaks (switching duty)

These factors can be represented in a simplified and practical manner by **service factors**. The tables and explanations below attempt to provide an objective description of the **shock classification**, rather than a classification of the driven machinery. Experience has shown that, in addition to the torque shocks caused by the driven machinery (M_x/M_N), above all the power transmission components (clutches, chains etc.) plus the mass ratios play a decisive role in this.

See Bauer special imprint SD32 for more information.

Continuous operation without switching frequency Z ≤1/h

Factor f_1 for shock classification and operating time

Shock classification	Operating hours per day t_d	>4 h	>8 h	>16 h
		≤8 h	≤16 h	≤24 h
I		0.8	1.0	1.2
II		1.05	1.25	1.45
III		1.45	1.55	1.7

Switching duty

Factor f_2 for shock classification and switching frequency

Switching frequency in single- shift operation t_d ≤8 h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	0.95	1.1	1.15
II	1.2	1.35	1.4
III	1.55	1.6	1.6

Switching frequency in multiple- shift operation t_d >8 h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	1.3	1.45	1.5
II	1.5	1.6	1.65
III	1.75	1.8	1.8

Bauer Service factor

Bauer service factor $f_B = f_1$ or $f_B = f_2$

For example: Shock classification II for Z = 100 switching operations per hour and multiple-shift operation yields a service factor $f_B = f_2 = 1.5$

Description of bevel-gear units

Explanation of shock classification

Shock classification I:
Uniform without shock loads. All the following requirements must be satisfied:
- FI ≤1.3
- M_x/M_N ≤1.0
- Shock-absorbing power transmission components (e.g. highly resilient, zero-play coupling, ϕ N ≥5°)

Shock classification II:
Moderate shock loads. At least one of the following conditions applies:
- 1.3 <FI ≤4
- 1 <M_x/M_N ≤1.6
- Shock-neutral power transmission components (e.g. gear wheels, zero- play rigid coupling or resilient coupling with ϕ N <5°)

Shock classification III:
Heavy shock loads. At least one of the following conditions applies:
- FI >4
- 1,6 <M_x/M_N ≤2.0
- Shock-amplifying power transmission components (e.g. coupling with play or chain drive)

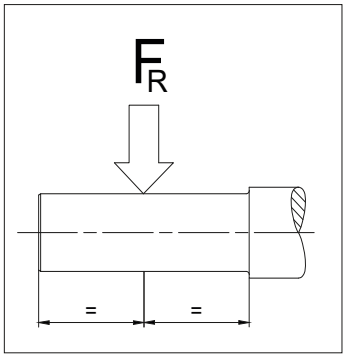
Key to abbreviations

Z	Switching duty number of switching operations per hour
t_d	Daily operating time in hours (h/d)
FI	Factor of inertia FI = (J_{ext} + J_{rot})/J_{rot}
J_{ext}	Mass moment of inertia of the machine to be driven, in relation to the motor's rotor shaft (kgm²)
J_{rot}	Mass moment of inertia of the motor rotor (kgm²)
M_x	Highest impact torque above the static torque which can occur during normal operation or in emergency situations
M_N	Required static load torque for the application
M_x/M_N	Relative torque - Factor
ϕ_N	Torsional offset of the resilient coupling under rated torque

Selection tables, bevel-geared motors

Key to abbreviations

P	Rated output
n_2	Rated speed of the output shaft
i	Gear reduction ratio
M_2	Rated torque at the output shaft
f_B	Bauer service factor
F_{RN}	Maximum permissible radial force with normal bearings
F_{RV}	Maximum permissible radial force with reinforced bearings in each case with standard solid shaft (Code -.1 and -.2)

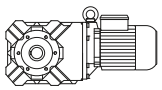


Use the selection tables to determine the size of geared motor required. The codes clearly define the Type of gear unit and output shaft (see chapter 12 "dimensional drawing bevel-geared motors").

The torques marked (*) are maximum permissible torques for service factor f_B = 1.0.

Motor power overload protection
Motor-power ratings, particularly in conjunction with four-stage and multi-stage gear units, are more than ample in some instances. Consequently, and in much the same way as with low-power motors, rated current is not a measure of gear loading and cannot be used to protect the gear unit against overloading. It is advisable to provide gears at risk from excessive load or blockage with a protective mechanism (e. g., slip clutch, slip hub, shear pin or an alternative).

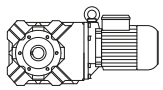
0.075 HP (0.055 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.075 HP (0.055 kW)	49	8.3	85	9.6	**BK06-../D04LA4**	33.33	297	1320	-	-	17	7.6
0.075 HP (0.055 kW)	42.5	7.2	98	11.1	**BK06-../D04LA4**	38.18	310	1380	-	-	17	7.6
0.075 HP (0.055 kW)	34	5.8	121	13.7	**BK06-../D04LA4**	47.78	337	1500	-	-	17	7.6
0.075 HP (0.055 kW)	30	4.4	137	15.5	**BK06-../D04LA4**	54.38	360	1600	-	-	17	7.6
0.075 HP (0.055 kW)	26	3.5	158	17.9	**BK06-../D04LA4**	63.33	382	1700	-	-	17	7.6
0.075 HP (0.055 kW)	6.3	2.9	602	68	**BK10Z-../D04LA4**	257.9	1574	7000	-	-	46	21
0.075 HP (0.055 kW)	5.4	2.4	690	78	**BK10Z-../D04LA4**	302.4	1574	7000	-	-	46	21
0.075 HP (0.055 kW)	4.5	3.1	823	93	**BK20Z-../D04LA4**	367.7	1956	8700	2023	9000	68	31
0.075 HP (0.055 kW)	4.4	1.7	850	96	**BK10Z-../D04LA4**	373.4	1574	7000	-	-	46	21
0.075 HP (0.055 kW)	3.8	1.35	974	110	**BK10Z-../D04LA4**	428.8	1574	7000	-	-	46	21
0.075 HP (0.055 kW)	3.6	2.3	832	94	**BK10G06-../D04LA4**	459.2	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	3.3	2.1	912	103	**BK10G06-../D04LA4**	501.4	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	3.1	3.3	974	110	**BK20G06-../D04LA4**	524.5	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	3.0	1.9	1018	115	**BK10G06-../D04LA4**	552.3	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	2.6	1.65	1186	134	**BK10G06-../D04LA4**	635.5	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	2.6	2.7	1177	133	**BK20G06-../D04LA4**	630.0	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	2.2	2.2	1425	161	**BK20G06-../D04LA4**	757.0	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	2.2	3.0	1425	161	**BK30G06-../D04LA4**	743.0	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	2.1	1.3	1505	170	**BK10G06-../D04LA4**	789.7	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	2.0	2.8	1575	178	**BK30G06-../D04LA4**	810.9	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	1.9	1.95	1646	186	**BK20G06-../D04LA4**	891.2	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	1.8	1.1	1744	197	**BK10G06-../D04LA4**	929.3	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	1.7	2.4	1814	205	**BK30G06-../D04LA4**	954.1	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	1.6	1.65	1947	220	**BK20G06-../D04LA4**	1066	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	1.5	0.94	2080	235	**BK10G06-../D04LA4**	1112	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	1.5	2.1	2080	235	**BK30G06-../D04LA4**	1142	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	1.3	1.3	2434	275	**BK20G06-../D04LA4**	1305	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	1.3	1.8	2434	275	**BK30G06-../D04LA4**	1281	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	1.2	1.0	1947*	220*	**BK10G06-../D04LA4**	1361	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	1.2	1.2	2655	300	**BK20G06-../D04LA4**	1424	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	1.1	1.0	1947*	220*	**BK10G06-../D04LA4**	1577	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	1.0	1.0	3186	360	**BK20G06-../D04LA4**	1650	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	1.0	1.35	3186	360	**BK30G06-../D04LA4**	1620	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	0.95	1.25	3408	385	**BK30G06-../D04LA4**	1767	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	0.85	1.0	1947*	220*	**BK10G06-../D04LA4**	1971	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	0.85	1.15	3806	430	**BK30G06-../D04LA4**	2024	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	0.8	1.0	3186*	360*	**BK20G06-../D04LA4**	2062	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	0.75	1.0	1947*	220*	**BK10G06-../D04LA4**	2261	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	0.7	1.0	1947*	220*	**BK10G06-../D04LA4**	2467	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	0.7	1.0	3186*	360*	**BK20G06-../D04LA4**	2366	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	0.65	1.0	3186*	360*	**BK20G06-../D04LA4**	2580	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	0.65	1.0	4337*	490*	**BK30G06-../D04LA4**	2533	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	0.6	1.0	1947*	220*	**BK10G06-../D04LA4**	2849	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	0.6	1.0	3186*	360*	**BK20G06-../D04LA4**	2831	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	0.6	1.0	4337*	490*	**BK30G06-../D04LA4**	2738	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	0.55	1.0	1947*	220*	**BK10G06-../D04LA4**	3107	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	0.55	1.0	3186*	360*	**BK20G06-../D04LA4**	3088	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	0.55	1.0	4337*	490*	**BK30G06-../D04LA4**	2986	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	0.48	1.0	4337*	490*	**BK30G06-../D04LA4**	3399	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	0.47	1.0	3186*	360*	**BK20G06-../D04LA4**	3515	1956	8700	2023	9000	75	34
0.075 HP (0.055 kW)	0.46	1.0	1947*	220*	**BK10G06-../D04LA4**	3537	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	0.41	1.0	4337*	490*	**BK30G06-../D04LA4**	3959	2518	11200	2698	12000	88	40
0.075 HP (0.055 kW)	0.4	1.0	1947*	220*	**BK10G06-../D04LA4**	4120	1574	7000	-	-	55	25
0.075 HP (0.055 kW)	0.4	1.0	3186*	360*	**BK20G06-../D04LA4**	4094	1956	8700	2023	9000	75	34

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

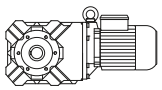
0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	76	9.5	74	8.4	**BK06-../D04LA4**	21.54	259	1150	-	-	17	7.6
0.1 HP (0.075 kW)	62	7.8	91	10.3	**BK06-../D04LA4**	26.36	277	1230	-	-	17	7.6
0.1 HP (0.075 kW)	49	6.1	116	13.1	**BK06-../D04LA4**	33.33	297	1320	-	-	17	7.6
0.1 HP (0.075 kW)	42.5	5.3	134	15.1	**BK06-../D04LA4**	38.18	310	1380	-	-	17	7.6
0.1 HP (0.075 kW)	34	4.3	166	18.7	**BK06-../D04LA4**	47.78	337	1500	-	-	17	7.6
0.1 HP (0.075 kW)	30	3.2	186	21	**BK06-../D04LA4**	54.38	360	1600	-	-	17	7.6
0.1 HP (0.075 kW)	26	2.6	217	24.5	**BK06-../D04LA4**	63.33	382	1700	-	-	17	7.6
0.1 HP (0.075 kW)	13.5	3.0	398	45	**BK10Z-../D06LA4**	120.3	1574	7000	-	-	53	24
0.1 HP (0.075 kW)	11.5	3.1	460	52	**BK10Z-../D06LA4**	143.2	1574	7000	-	-	53	24
0.1 HP (0.075 kW)	9.5	3.2	549	62	**BK10Z-../D06LA4**	170.6	1574	7000	-	-	53	24
0.1 HP (0.075 kW)	8.0	2.7	646	73	**BK10Z-../D06LA4**	204.7	1574	7000	-	-	53	24
0.1 HP (0.075 kW)	6.3	2.2	823	93	**BK10Z-../D06LA4**	257.9	1574	7000	-	-	53	24
0.1 HP (0.075 kW)	5.5	3.0	929	105	**BK20Z-../D06LA4**	298.2	1956	8700	2023	9000	75	34
0.1 HP (0.075 kW)	5.4	1.7	947	107	**BK10Z-../D06LA4**	302.4	1574	7000	-	-	53	24
0.1 HP (0.075 kW)	4.5	2.3	1124	127	**BK20Z-../D06LA4**	367.7	1956	8700	2023	9000	75	34
0.1 HP (0.075 kW)	4.4	1.25	1159	131	**BK10Z-../D06LA4**	373.4	1574	7000	-	-	53	24
0.1 HP (0.075 kW)	4.3	3.0	1186	134	**BK30Z-../D06LA4**	380.7	2518	11200	2698	12000	90	41
0.1 HP (0.075 kW)	3.8	0.99	1328	150	**BK10Z-../D06LA4**	428.8	1574	7000	-	-	53	24
0.1 HP (0.075 kW)	3.8	2.8	1133	128	**BK20G06-../D06LA4**	429.7	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	3.7	2.5	1363	154	**BK30Z-../D06LA4**	441.3	2518	11200	2698	12000	90	41
0.1 HP (0.075 kW)	3.6	1.6	1204	136	**BK10G06-../D06LA4**	459.2	1574	7000	-	-	62	28
0.1 HP (0.075 kW)	3.4	2.5	1275	144	**BK20G06-../D06LA4**	480.4	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	3.3	1.5	1319	149	**BK10G06-../D06LA4**	501.4	1574	7000	-	-	62	28
0.1 HP (0.075 kW)	3.1	2.3	1407	159	**BK20G06-../D06LA4**	524.5	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	3.0	1.35	1460	165	**BK10G06-../D06LA4**	552.3	1574	7000	-	-	62	28
0.1 HP (0.075 kW)	2.9	2.9	1513	171	**BK30G06-../D06LA4**	567.0	2518	11200	2698	12000	97	44
0.1 HP (0.075 kW)	2.6	1.15	1708	193	**BK10G06-../D06LA4**	635.5	1574	7000	-	-	62	28
0.1 HP (0.075 kW)	2.6	1.9	1690	191	**BK20G06-../D06LA4**	630.0	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	2.5	2.5	1770	200	**BK30G06-../D06LA4**	652.5	2518	11200	2698	12000	97	44
0.1 HP (0.075 kW)	2.2	1.6	1991	225	**BK20G06-../D06LA4**	757.0	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	2.2	2.2	1991	225	**BK30G06-../D06LA4**	743.0	2518	11200	2698	12000	97	44
0.1 HP (0.075 kW)	2.1	0.92	2124	240	**BK10G06-../D06LA4**	789.7	1574	7000	-	-	62	28
0.1 HP (0.075 kW)	2.0	1.95	2213	250	**BK30G06-../D06LA4**	810.9	2518	11200	2698	12000	97	44
0.1 HP (0.075 kW)	1.9	1.35	2345	265	**BK20G06-../D06LA4**	891.2	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	1.7	1.65	2611	295	**BK30G06-../D06LA4**	954.1	2518	11200	2698	12000	97	44
0.1 HP (0.075 kW)	1.6	1.15	2788	315	**BK20G06-../D06LA4**	1066	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	1.5	1.45	2965	335	**BK30G06-../D06LA4**	1142	2518	11200	2698	12000	97	44
0.1 HP (0.075 kW)	1.4	2.7	2832	320	**BK40G10-../D06LA4**	1189	2630	11700	3822	17000	150	68
0.1 HP (0.075 kW)	1.3	0.94	3408	385	**BK20G06-../D06LA4**	1305	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	1.3	1.25	3408	385	**BK30G06-../D06LA4**	1281	2518	11200	2698	12000	97	44
0.1 HP (0.075 kW)	1.2	0.86	3717	420	**BK20G06-../D06LA4**	1424	1956	8700	2023	9000	84	38
0.1 HP (0.075 kW)	1.2	2.2	3408	385	**BK40G10-../D06LA4**	1428	2630	11700	3822	17000	150	68
0.1 HP (0.075 kW)	1.2	2.9	3452	390	**BK50G10-../D06LA4**	1398	3170	14100	24954	111000	212	96
0.1 HP (0.075 kW)	1.1	2.6	3850	435	**BK50G10-../D06LA4**	1549	3170	14100	24954	111000	212	96
0.1 HP (0.075 kW)	1.0	0.96	4514	510	**BK30G06-../D06LA4**	1620	2518	11200	2698	12000	97	44
0.1 HP (0.075 kW)	0.95	1.7	4425	500	**BK40G10-../D06LA4**	1798	2630	11700	3822	17000	150	68
0.1 HP (0.075 kW)	0.9	2.2	4691	530	**BK50G10-../D06LA4**	1816	3170	14100	24954	111000	212	96
0.1 HP (0.075 kW)	0.85	2.0	5045	570	**BK50G10-../D06LA4**	2024	3170	14100	24954	111000	212	96
0.1 HP (0.075 kW)	0.8	1.4	5310	600	**BK40G10-../D06LA4**	2108	2630	11700	3822	17000	150	68
0.1 HP (0.075 kW)	0.7	1.25	6107	690	**BK40G10-../D06LA4**	2350	2630	11700	3822	17000	150	68
0.1 HP (0.075 kW)	0.7	1.7	6019	680	**BK50G10-../D06LA4**	2450	3170	14100	24954	111000	212	96
0.1 HP (0.075 kW)	0.65	1.15	6638	750	**BK40G10-../D06LA4**	2604	2630	11700	3822	17000	150	68
0.1 HP (0.075 kW)	0.6	1.45	7081	800	**BK50G10-../D06LA4**	2730	3170	14100	24954	111000	212	96
0.1 HP (0.075 kW)	0.55	1.3	7789	880	**BK50G10-../D06LA4**	3025	3170	14100	24954	111000	212	96
0.1 HP (0.075 kW)	0.55	3.3	6638	750	**BK60G20-../D06LA4**	3036	3732	16600	7644	34000	271	123
0.1 HP (0.075 kW)	0.47	1.15	8939	1010	**BK50G10-../D06LA4**	3492	3170	14100	24954	111000	212	96
0.1 HP (0.075 kW)	0.46	2.5	8851	1000	**BK60G20-../D06LA4**	3533	3732	16600	7644	34000	271	123
0.1 HP (0.075 kW)	0.42	1.0	10090	1140	**BK50G10-../D06LA4**	3870	3170	14100	24954	111000	212	96

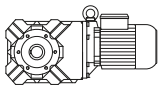
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	0.39	1.95	11329	1280	**BK60G20-../D06LA4**	4239	3732	16600	7644	34000	271	123
0.1 HP (0.075 kW)	0.32	1.5	14958	1690	**BK60G20-../D06LA4**	5072	3732	16600	7644	34000	271	123
0.1 HP (0.075 kW)	0.29	1.3	16993	1920	**BK60G20-../D06LA4**	5721	3732	16600	7644	34000	271	123
0.1 HP (0.075 kW)	0.25	1.1	20357	2300	**BK60G20-../D06LA4**	6565	3732	16600	7644	34000	271	123
0.1 HP (0.075 kW)	0.25	2.7	19029	2150	**BK70G20-../D06LA4**	6504	5418	24100	11240	50000	443	201
0.1 HP (0.075 kW)	0.2	2.0	25225	2850	**BK70G20-../D06LA4**	8149	5418	24100	11240	50000	443	201
0.1 HP (0.075 kW)	0.18	1.75	28765	3250	**BK70G20-../D06LA4**	9351	5418	24100	11240	50000	443	201
0.1 HP (0.075 kW)	0.15	1.4	35846	4050	**BK70G20-../D06LA4**	11529	5418	24100	11240	50000	443	201

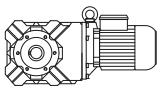
0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	90	9.4	75	8.5	**BK06-../D04LA4**	18.00	243	1080	-	-	17	7.6
0.12 HP (0.09 kW)	76	7.9	89	10.1	**BK06-../D04LA4**	21.54	259	1150	-	-	17	7.6
0.12 HP (0.09 kW)	62	6.5	110	12.4	**BK06-../D04LA4**	26.36	277	1230	-	-	17	7.6
0.12 HP (0.09 kW)	49	5.1	139	15.7	**BK06-../D04LA4**	33.33	297	1320	-	-	17	7.6
0.12 HP (0.09 kW)	42.5	4.4	161	18.2	**BK06-../D04LA4**	38.18	310	1380	-	-	17	7.6
0.12 HP (0.09 kW)	34	3.6	195	22	**BK06-../D04LA4**	47.78	337	1500	-	-	17	7.6
0.12 HP (0.09 kW)	30	2.7	221	25	**BK06-../D04LA4**	54.38	360	1600	-	-	17	7.6
0.12 HP (0.09 kW)	26	2.2	257	29	**BK06-../D04LA4**	63.33	382	1700	-	-	17	7.6
0.12 HP (0.09 kW)	13.5	2.5	478	54	**BK10Z-../D06LA4**	120.3	1574	7000	-	-	53	24
0.12 HP (0.09 kW)	11.5	2.6	549	62	**BK10Z-../D06LA4**	143.2	1574	7000	-	-	53	24
0.12 HP (0.09 kW)	9.5	2.7	664	75	**BK10Z-../D06LA4**	170.6	1574	7000	-	-	53	24
0.12 HP (0.09 kW)	8.0	2.3	779	88	**BK10Z-../D06LA4**	204.7	1574	7000	-	-	53	24
0.12 HP (0.09 kW)	6.3	1.8	982	111	**BK10Z-../D06LA4**	257.9	1574	7000	-	-	53	24
0.12 HP (0.09 kW)	6.3	3.0	982	111	**BK20Z-../D06LA4**	259.9	1956	8700	2023	9000	75	34
0.12 HP (0.09 kW)	5.5	2.5	1115	126	**BK20Z-../D06LA4**	298.2	1956	8700	2023	9000	75	34
0.12 HP (0.09 kW)	5.4	1.45	1133	128	**BK10Z-../D06LA4**	302.4	1574	7000	-	-	53	24
0.12 HP (0.09 kW)	5.3	2.9	1168	132	**BK30Z-../D06LA4**	308.3	2518	11200	2698	12000	90	41
0.12 HP (0.09 kW)	4.5	1.9	1345	152	**BK20Z-../D06LA4**	367.7	1956	8700	2023	9000	75	34
0.12 HP (0.09 kW)	4.4	1.05	1398	158	**BK10Z-../D06LA4**	373.4	1574	7000	-	-	53	24
0.12 HP (0.09 kW)	4.3	2.5	1425	161	**BK30Z-../D06LA4**	380.7	2518	11200	2698	12000	90	41
0.12 HP (0.09 kW)	3.8	0.82	1593	180	**BK10Z-../D06LA4**	428.8	1574	7000	-	-	53	24
0.12 HP (0.09 kW)	3.8	2.3	1407	159	**BK20G06-../D06LA4**	429.7	1956	8700	2023	9000	84	38
0.12 HP (0.09 kW)	3.8	3.2	1593	180	**BK40Z-../D06LA4**	430.0	2630	11700	3822	17000	141	64
0.12 HP (0.09 kW)	3.7	2.1	1637	185	**BK30Z-../D06LA4**	441.3	2518	11200	2698	12000	90	41
0.12 HP (0.09 kW)	3.6	1.3	1487	168	**BK10G06-../D06LA4**	459.2	1574	7000	-	-	62	28
0.12 HP (0.09 kW)	3.5	2.8	1531	173	**BK30G06-../D06LA4**	471.5	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	3.4	2.0	1575	178	**BK20G06-../D06LA4**	480.4	1956	8700	2023	9000	84	38
0.12 HP (0.09 kW)	3.3	1.2	1629	184	**BK10G06-../D06LA4**	501.4	1574	7000	-	-	62	28
0.12 HP (0.09 kW)	3.1	1.85	1735	196	**BK20G06-../D06LA4**	524.5	1956	8700	2023	9000	84	38
0.12 HP (0.09 kW)	3.0	1.1	1770	200	**BK10G06-../D06LA4**	552.3	1574	7000	-	-	62	28
0.12 HP (0.09 kW)	2.9	2.3	1859	210	**BK30G06-../D06LA4**	567.0	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	2.6	0.94	2080	235	**BK10G06-../D06LA4**	635.5	1574	7000	-	-	62	28
0.12 HP (0.09 kW)	2.6	1.55	2080	235	**BK20G06-../D06LA4**	630.0	1956	8700	2023	9000	84	38
0.12 HP (0.09 kW)	2.5	2.0	2168	245	**BK30G06-../D06LA4**	652.5	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	2.2	1.3	2478	280	**BK20G06-../D06LA4**	757.0	1956	8700	2023	9000	84	38
0.12 HP (0.09 kW)	2.2	1.75	2478	280	**BK30G06-../D06LA4**	743.0	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	2.0	1.6	2699	305	**BK30G06-../D06LA4**	810.9	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	2.0	3.3	2301	260	**BK40G10-../D06LA4**	838.4	2630	11700	3822	17000	150	68
0.12 HP (0.09 kW)	1.9	1.15	2832	320	**BK20G06-../D06LA4**	891.2	1956	8700	2023	9000	84	38

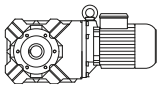
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	1.7	1.35	3186	360	**BK30G06-../D06LA4**	954.1	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	1.7	2.7	2832	320	**BK40G10-../D06LA4**	998.3	2630	11700	3822	17000	150	68
0.12 HP (0.09 kW)	1.6	0.94	3408	385	**BK20G06-../D06LA4**	1066	1956	8700	2023	9000	84	38
0.12 HP (0.09 kW)	1.6	3.3	3098	350	**BK50G10-../D06LA4**	1024	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	1.5	1.2	3629	410	**BK30G06-../D06LA4**	1142	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	1.4	2.2	3496	395	**BK40G10-../D06LA4**	1189	2630	11700	3822	17000	150	68
0.12 HP (0.09 kW)	1.4	2.8	3629	410	**BK50G10-../D06LA4**	1230	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	1.3	1.05	4160	470	**BK30G06-../D06LA4**	1281	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	1.2	1.8	4204	475	**BK40G10-../D06LA4**	1428	2630	11700	3822	17000	150	68
0.12 HP (0.09 kW)	1.2	2.4	4293	485	**BK50G10-../D06LA4**	1398	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	1.1	2.2	4691	530	**BK50G10-../D06LA4**	1549	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	1.0	0.8	5399	610	**BK30G06-../D06LA4**	1620	2518	11200	2698	12000	97	44
0.12 HP (0.09 kW)	0.95	1.4	5399	610	**BK40G10-../D06LA4**	1798	2630	11700	3822	17000	150	68
0.12 HP (0.09 kW)	0.9	1.75	5753	650	**BK50G10-../D06LA4**	1816	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	0.85	1.65	6196	700	**BK50G10-../D06LA4**	2024	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	0.8	1.15	6461	730	**BK40G10-../D06LA4**	2108	2630	11700	3822	17000	150	68
0.12 HP (0.09 kW)	0.7	1.0	7435	840	**BK40G10-../D06LA4**	2350	2630	11700	3822	17000	150	68
0.12 HP (0.09 kW)	0.7	1.4	7346	830	**BK50G10-../D06LA4**	2450	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	0.6	1.15	8674	980	**BK50G10-../D06LA4**	2730	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	0.6	2.8	7877	890	**BK60G20-../D06LA4**	2733	3732	16600	7644	34000	271	123
0.12 HP (0.09 kW)	0.55	1.05	9470	1070	**BK50G10-../D06LA4**	3025	3170	14100	24954	111000	212	96
0.12 HP (0.09 kW)	0.55	2.5	8939	1010	**BK60G20-../D06LA4**	3036	3732	16600	7644	34000	271	123
0.12 HP (0.09 kW)	0.46	1.9	11683	1320	**BK60G20-../D06LA4**	3533	3732	16600	7644	34000	271	123
0.12 HP (0.09 kW)	0.39	1.5	14604	1650	**BK60G20-../D06LA4**	4239	3732	16600	7644	34000	271	123
0.12 HP (0.09 kW)	0.32	1.2	18587	2100	**BK60G20-../D06LA4**	5072	3732	16600	7644	34000	271	123
0.12 HP (0.09 kW)	0.3	2.7	19029	2150	**BK70G20-../D06LA4**	5436	5418	24100	11240	50000	443	201
0.12 HP (0.09 kW)	0.29	1.05	21242	2400	**BK60G20-../D06LA4**	5721	3732	16600	7644	34000	271	123
0.12 HP (0.09 kW)	0.25	2.1	23897	2700	**BK70G20-../D06LA4**	6504	5418	24100	11240	50000	443	201
0.12 HP (0.09 kW)	0.2	1.6	31420	3550	**BK70G20-../D06LA4**	8149	5418	24100	11240	50000	443	201
0.12 HP (0.09 kW)	0.18	1.4	35846	4050	**BK70G20-../D06LA4**	9351	5418	24100	11240	50000	443	201
0.12 HP (0.09 kW)	0.15	1.15	44254	5000	**BK70G20-../D06LA4**	11529	5418	24100	11240	50000	443	201

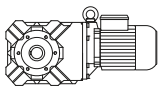
0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	106	8.9	80	9.0	**BK06-../D04LA4**	15.29	229	1020	-	-	17	7.6
0.15 HP (0.11 kW)	90	7.6	93	10.5	**BK06-../D04LA4**	18.00	243	1080	-	-	17	7.6
0.15 HP (0.11 kW)	76	6.5	110	12.4	**BK06-../D04LA4**	21.54	259	1150	-	-	17	7.6
0.15 HP (0.11 kW)	62	5.3	135	15.2	**BK06-../D04LA4**	26.36	277	1230	-	-	17	7.6
0.15 HP (0.11 kW)	49	4.2	170	19.2	**BK06-../D04LA4**	33.33	297	1320	-	-	17	7.6
0.15 HP (0.11 kW)	42.5	3.6	195	22	**BK06-../D04LA4**	38.18	310	1380	-	-	17	7.6
0.15 HP (0.11 kW)	34	3.0	239	27	**BK06-../D04LA4**	47.78	337	1500	-	-	17	7.6
0.15 HP (0.11 kW)	30	2.2	274	31	**BK06-../D04LA4**	54.38	360	1600	-	-	17	7.6
0.15 HP (0.11 kW)	26	1.8	314	35.5	**BK06-../D04LA4**	63.33	382	1700	-	-	17	7.6
0.15 HP (0.11 kW)	16	2.9	487	55	**BK10-../D06LA4**	102.5	1574	7000	-	-	51	23
0.15 HP (0.11 kW)	13.5	2.1	584	66	**BK10Z-../D06LA4**	120.3	1574	7000	-	-	53	24
0.15 HP (0.11 kW)	11.5	2.1	673	76	**BK10Z-../D06LA4**	143.2	1574	7000	-	-	53	24
0.15 HP (0.11 kW)	9.5	2.2	805	91	**BK10Z-../D06LA4**	170.6	1574	7000	-	-	53	24
0.15 HP (0.11 kW)	8.0	1.85	947	107	**BK10Z-../D06LA4**	204.7	1574	7000	-	-	53	24
0.15 HP (0.11 kW)	7.9	3.0	965	109	**BK20Z-../D06LA4**	207.5	1956	8700	2023	9000	75	34
0.15 HP (0.11 kW)	6.3	1.45	1204	136	**BK10Z-../D06LA4**	257.9	1574	7000	-	-	53	24

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

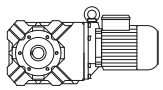
0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	6.3	2.4	1204	136	**BK20Z-../D06LA4**	259.9	1956	8700	2023	9000	75	34
0.15 HP (0.11 kW)	5.5	2.0	1363	154	**BK20Z-../D06LA4**	298.2	1956	8700	2023	9000	75	34
0.15 HP (0.11 kW)	5.4	1.15	1390	157	**BK10Z-../D06LA4**	302.4	1574	7000	-	-	53	24
0.15 HP (0.11 kW)	5.3	2.4	1434	162	**BK30Z-../D06LA4**	308.3	2518	11200	2698	12000	90	41
0.15 HP (0.11 kW)	4.7	3.2	1602	181	**BK40Z-../D06LA4**	348.7	2630	11700	3822	17000	141	64
0.15 HP (0.11 kW)	4.5	1.55	1646	186	**BK20Z-../D06LA4**	367.7	1956	8700	2023	9000	75	34
0.15 HP (0.11 kW)	4.4	0.85	1708	193	**BK10Z-../D06LA4**	373.4	1574	7000	-	-	53	24
0.15 HP (0.11 kW)	4.3	2.0	1744	197	**BK30Z-../D06LA4**	380.7	2518	11200	2698	12000	90	41
0.15 HP (0.11 kW)	4.0	1.15	1682	190	**BK10G06-../D06LA4**	410.8	1574	7000	-	-	62	28
0.15 HP (0.11 kW)	3.8	1.8	1761	199	**BK20G06-../D06LA4**	429.7	1956	8700	2023	9000	84	38
0.15 HP (0.11 kW)	3.8	2.6	1947	220	**BK40Z-../D06LA4**	430.0	2630	11700	3822	17000	141	64
0.15 HP (0.11 kW)	3.7	1.7	1991	225	**BK30Z-../D06LA4**	441.3	2518	11200	2698	12000	90	41
0.15 HP (0.11 kW)	3.6	1.05	1859	210	**BK10G06-../D06LA4**	459.2	1574	7000	-	-	62	28
0.15 HP (0.11 kW)	3.5	2.3	1903	215	**BK30G06-../D06LA4**	471.5	2518	11200	2698	12000	97	44
0.15 HP (0.11 kW)	3.4	1.65	1947	220	**BK20G06-../D06LA4**	480.4	1956	8700	2023	9000	84	38
0.15 HP (0.11 kW)	3.3	0.96	2036	230	**BK10G06-../D06LA4**	501.4	1574	7000	-	-	62	28
0.15 HP (0.11 kW)	3.1	1.45	2168	245	**BK20G06-../D06LA4**	524.5	1956	8700	2023	9000	84	38
0.15 HP (0.11 kW)	3.0	0.88	2213	250	**BK10G06-../D06LA4**	552.3	1574	7000	-	-	62	28
0.15 HP (0.11 kW)	2.9	1.9	2301	260	**BK30G06-../D06LA4**	567.0	2518	11200	2698	12000	97	44
0.15 HP (0.11 kW)	2.6	1.25	2567	290	**BK20G06-../D06LA4**	630.0	1956	8700	2023	9000	84	38
0.15 HP (0.11 kW)	2.5	1.6	2699	305	**BK30G06-../D06LA4**	652.5	2518	11200	2698	12000	97	44
0.15 HP (0.11 kW)	2.5	3.3	2257	255	**BK40G10-../D06LA4**	660.2	2630	11700	3822	17000	150	68
0.15 HP (0.11 kW)	2.2	1.05	3054	345	**BK20G06-../D06LA4**	757.0	1956	8700	2023	9000	84	38
0.15 HP (0.11 kW)	2.2	1.4	3054	345	**BK30G06-../D06LA4**	743.0	2518	11200	2698	12000	97	44
0.15 HP (0.11 kW)	2.2	2.8	2655	300	**BK40G10-../D06LA4**	756.7	2630	11700	3822	17000	150	68
0.15 HP (0.11 kW)	2.0	1.3	3363	380	**BK30G06-../D06LA4**	810.9	2518	11200	2698	12000	97	44
0.15 HP (0.11 kW)	2.0	2.5	2965	335	**BK40G10-../D06LA4**	838.4	2630	11700	3822	17000	150	68
0.15 HP (0.11 kW)	1.9	0.9	3540	400	**BK20G06-../D06LA4**	891.2	1956	8700	2023	9000	84	38
0.15 HP (0.11 kW)	1.9	3.2	3231	365	**BK50G10-../D06LA4**	859.8	3170	14100	24954	111000	212	96
0.15 HP (0.11 kW)	1.7	1.1	3939	445	**BK30G06-../D06LA4**	954.1	2518	11200	2698	12000	97	44
0.15 HP (0.11 kW)	1.7	2.1	3585	405	**BK40G10-../D06LA4**	998.3	2630	11700	3822	17000	150	68
0.15 HP (0.11 kW)	1.6	2.6	3894	440	**BK50G10-../D06LA4**	1024	3170	14100	24954	111000	212	96
0.15 HP (0.11 kW)	1.5	0.96	4514	510	**BK30G06-../D06LA4**	1142	2518	11200	2698	12000	97	44
0.15 HP (0.11 kW)	1.4	1.7	4425	500	**BK40G10-../D06LA4**	1189	2630	11700	3822	17000	150	68
0.15 HP (0.11 kW)	1.4	2.3	4514	510	**BK50G10-../D06LA4**	1230	3170	14100	24954	111000	212	96
0.15 HP (0.11 kW)	1.3	0.84	5133	580	**BK30G06-../D06LA4**	1281	2518	11200	2698	12000	97	44
0.15 HP (0.11 kW)	1.2	1.45	5222	590	**BK40G10-../D06LA4**	1428	2630	11700	3822	17000	150	68
0.15 HP (0.11 kW)	1.2	1.9	5310	600	**BK50G10-../D06LA4**	1398	3170	14100	24954	111000	212	96
0.15 HP (0.11 kW)	1.1	1.75	5841	660	**BK50G10-../D06LA4**	1549	3170	14100	24954	111000	212	96
0.15 HP (0.11 kW)	0.95	1.1	6727	760	**BK40G10-../D06LA4**	1798	2630	11700	3822	17000	150	68
0.15 HP (0.11 kW)	0.9	1.4	7169	810	**BK50G10-../D06LA4**	1816	3170	14100	24954	111000	212	96
0.15 HP (0.11 kW)	0.85	1.3	7700	870	**BK50G10-../D06LA4**	2024	3170	14100	24954	111000	212	96
0.15 HP (0.11 kW)	0.85	3.3	6727	760	**BK60G20-../D06LA4**	2010	3732	16600	7644	34000	271	123
0.15 HP (0.11 kW)	0.7	1.1	9205	1040	**BK50G10-../D06LA4**	2450	3170	14100	24954	111000	212	96
0.15 HP (0.11 kW)	0.7	2.5	8762	990	**BK60G20-../D06LA4**	2371	3732	16600	7644	34000	271	123
0.15 HP (0.11 kW)	0.6	2.1	10709	1210	**BK60G20-../D06LA4**	2733	3732	16600	7644	34000	271	123
0.15 HP (0.11 kW)	0.55	1.85	12037	1360	**BK60G20-../D06LA4**	3036	3732	16600	7644	34000	271	123
0.15 HP (0.11 kW)	0.46	1.45	15312	1730	**BK60G20-../D06LA4**	3533	3732	16600	7644	34000	271	123
0.15 HP (0.11 kW)	0.42	3.2	15843	1790	**BK70G20-../D06LA4**	3894	5418	24100	11240	50000	443	201
0.15 HP (0.11 kW)	0.39	1.2	18587	2100	**BK60G20-../D06LA4**	4239	3732	16600	7644	34000	271	123
0.15 HP (0.11 kW)	0.36	2.6	19472	2200	**BK70G20-../D06LA4**	4531	5418	24100	11240	50000	443	201
0.15 HP (0.11 kW)	0.3	2.1	24340	2750	**BK70G20-../D06LA4**	5436	5418	24100	11240	50000	443	201
0.15 HP (0.11 kW)	0.25	1.65	30535	3450	**BK70G20-../D06LA4**	6504	5418	24100	11240	50000	443	201
0.15 HP (0.11 kW)	0.2	1.25	39828	4500	**BK70G20-../D06LA4**	8149	5418	24100	11240	50000	443	201
0.15 HP (0.11 kW)	0.18	1.1	45139	5100	**BK70G20-../D06LA4**	9351	5418	24100	11240	50000	443	201

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

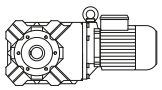
0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	167	8.5	83	9.4	**BK06-../D05LA4**	9.71	198	880	-	-	21	9.5
0.25 HP (0.18 kW)	139	7.1	100	11.3	**BK06-../D05LA4**	11.67	209	930	-	-	21	9.5
0.25 HP (0.18 kW)	106	5.4	130	14.7	**BK06-../D05LA4**	15.29	229	1020	-	-	21	9.5
0.25 HP (0.18 kW)	90	4.7	151	17.1	**BK06-../D05LA4**	18.00	243	1080	-	-	21	9.5
0.25 HP (0.18 kW)	76	4.0	177	20	**BK06-../D05LA4**	21.54	259	1150	-	-	21	9.5
0.25 HP (0.18 kW)	62	3.3	217	24.5	**BK06-../D05LA4**	26.36	277	1230	-	-	21	9.5
0.25 HP (0.18 kW)	49	2.5	279	31.5	**BK06-../D05LA4**	33.33	297	1320	-	-	21	9.5
0.25 HP (0.18 kW)	42.5	2.2	319	36	**BK06-../D05LA4**	38.18	310	1380	-	-	21	9.5
0.25 HP (0.18 kW)	34	1.8	394	44.5	**BK06-../D05LA4**	47.78	337	1500	-	-	21	9.5
0.25 HP (0.18 kW)	30	1.35	443	50	**BK06-../D05LA4**	54.38	360	1600	-	-	21	9.5
0.25 HP (0.18 kW)	26	1.1	513	58	**BK06-../D05LA4**	63.33	382	1700	-	-	21	9.5
0.25 HP (0.18 kW)	22.5	3.0	593	67	**BK10-../D06LA4**	72.31	1574	7000	-	-	51	23
0.25 HP (0.18 kW)	18.5	2.2	708	80	**BK10-../D06LA4**	89.30	1574	7000	-	-	51	23
0.25 HP (0.18 kW)	16	1.75	805	91	**BK10-../D06LA4**	102.5	1574	7000	-	-	51	23
0.25 HP (0.18 kW)	15	3.2	867	98	**BK20-../D06LA4**	108.6	1956	8700	2023	9000	73	33
0.25 HP (0.18 kW)	13.5	1.25	956	108	**BK10Z-../D06LA4**	120.3	1574	7000	-	-	53	24
0.25 HP (0.18 kW)	13.5	3.1	956	108	**BK20Z-../D06LA4**	124.2	1956	8700	2023	9000	75	34
0.25 HP (0.18 kW)	11.5	1.3	1106	125	**BK10Z-../D06LA4**	143.2	1574	7000	-	-	53	24
0.25 HP (0.18 kW)	11.5	2.6	1106	125	**BK20Z-../D06LA4**	144.5	1956	8700	2023	9000	75	34
0.25 HP (0.18 kW)	9.5	1.35	1328	150	**BK10Z-../D06LA4**	170.6	1574	7000	-	-	53	24
0.25 HP (0.18 kW)	9.4	2.2	1336	151	**BK20Z-../D06LA4**	173.4	1956	8700	2023	9000	75	34
0.25 HP (0.18 kW)	8.8	2.8	1434	162	**BK30Z-../D06LA4**	184.8	2518	11200	2698	12000	90	41
0.25 HP (0.18 kW)	8.0	1.15	1558	176	**BK10Z-../D06LA4**	204.7	1574	7000	-	-	53	24
0.25 HP (0.18 kW)	7.9	1.85	1575	178	**BK20Z-../D06LA4**	207.5	1956	8700	2023	9000	75	34
0.25 HP (0.18 kW)	7.5	2.4	1655	187	**BK30Z-../D06LA4**	216.5	2518	11200	2698	12000	90	41
0.25 HP (0.18 kW)	6.4	2.0	1947	220	**BK30Z-../D06LA4**	255.3	2518	11200	2698	12000	90	41
0.25 HP (0.18 kW)	6.3	0.91	1947	220	**BK10Z-../D06LA4**	257.9	1574	7000	-	-	53	24
0.25 HP (0.18 kW)	6.3	1.5	1947	220	**BK20Z-../D06LA4**	259.9	1956	8700	2023	9000	75	34
0.25 HP (0.18 kW)	5.6	2.8	2168	245	**BK40Z-../D06LA4**	289.8	2630	11700	3822	17000	141	64
0.25 HP (0.18 kW)	5.5	1.25	2213	250	**BK20Z-../D06LA4**	298.2	1956	8700	2023	9000	75	34
0.25 HP (0.18 kW)	5.3	1.45	2345	265	**BK30Z-../D06LA4**	308.3	2518	11200	2698	12000	90	41
0.25 HP (0.18 kW)	4.8	0.81	2390	270	**BK10G06-../D06LA4**	343.2	1574	7000	-	-	62	28
0.25 HP (0.18 kW)	4.7	1.95	2611	295	**BK40Z-../D06LA4**	348.7	2630	11700	3822	17000	141	64
0.25 HP (0.18 kW)	4.5	0.96	2699	305	**BK20Z-../D06LA4**	367.7	1956	8700	2023	9000	75	34
0.25 HP (0.18 kW)	4.3	1.25	2832	320	**BK30Z-../D06LA4**	380.7	2518	11200	2698	12000	90	41
0.25 HP (0.18 kW)	4.0	2.5	3009	340	**BK50Z-../D06LA4**	414.8	3170	14100	5845	26000	203	92
0.25 HP (0.18 kW)	3.8	1.05	3009	340	**BK20G06-../D06LA4**	429.7	1956	8700	2023	9000	84	38
0.25 HP (0.18 kW)	3.8	1.6	3186	360	**BK40Z-../D06LA4**	430.0	2630	11700	3822	17000	141	64
0.25 HP (0.18 kW)	3.7	1.05	3275	370	**BK30Z-../D06LA4**	441.3	2518	11200	2698	12000	90	41
0.25 HP (0.18 kW)	3.5	1.3	3275	370	**BK30G06-../D06LA4**	471.5	2518	11200	2698	12000	97	44
0.25 HP (0.18 kW)	3.4	0.95	3363	380	**BK20G06-../D06LA4**	480.4	1956	8700	2023	9000	84	38
0.25 HP (0.18 kW)	3.4	2.5	2965	335	**BK40G10-../D06LA4**	487.3	2630	11700	3822	17000	150	68
0.25 HP (0.18 kW)	3.2	3.2	3231	365	**BK50G10-../D06LA4**	513.4	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	3.1	0.87	3673	415	**BK20G06-../D06LA4**	524.5	1956	8700	2023	9000	84	38
0.25 HP (0.18 kW)	3.0	2.2	3408	385	**BK40G10-../D06LA4**	540.0	2630	11700	3822	17000	150	68
0.25 HP (0.18 kW)	2.9	1.1	3939	445	**BK30G06-../D06LA4**	567.0	2518	11200	2698	12000	97	44
0.25 HP (0.18 kW)	2.9	2.8	3585	405	**BK50G10-../D06LA4**	568.6	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	2.5	0.96	4514	510	**BK30G06-../D06LA4**	652.5	2518	11200	2698	12000	97	44
0.25 HP (0.18 kW)	2.5	1.85	4116	465	**BK40G10-../D06LA4**	660.2	2630	11700	3822	17000	150	68
0.25 HP (0.18 kW)	2.5	2.4	4204	475	**BK50G10-../D06LA4**	651.7	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	2.3	2.2	4602	520	**BK50G10-../D06LA4**	722.2	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	2.2	0.84	5133	580	**BK30G06-../D06LA4**	743.0	2518	11200	2698	12000	97	44
0.25 HP (0.18 kW)	2.2	1.6	4691	530	**BK40G10-../D06LA4**	756.7	2630	11700	3822	17000	150	68
0.25 HP (0.18 kW)	2.0	1.45	5222	590	**BK40G10-../D06LA4**	838.4	2630	11700	3822	17000	150	68
0.25 HP (0.18 kW)	1.9	1.8	5664	640	**BK50G10-../D06LA4**	859.8	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	1.7	1.2	6284	710	**BK40G10-../D06LA4**	998.3	2630	11700	3822	17000	150	68
0.25 HP (0.18 kW)	1.6	1.5	6727	760	**BK50G10-../D06LA4**	1024	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	1.6	3.2	6815	770	**BK60G20-../D06LA4**	1016	3732	16600	7644	34000	271	123

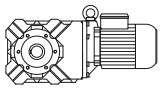
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	1.4	0.98	7700	870	**BK40G10-../D06LA4**	1189	2630	11700	3822	17000	150	68
0.25 HP (0.18 kW)	1.4	1.3	7789	880	**BK50G10-../D06LA4**	1230	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	1.3	2.6	8674	980	**BK60G20-../D06LA4**	1322	3732	16600	7644	34000	271	123
0.25 HP (0.18 kW)	1.2	0.83	9028	1020	**BK40G10-../D06LA4**	1428	2630	11700	3822	17000	150	68
0.25 HP (0.18 kW)	1.2	1.1	9116	1030	**BK50G10-../D06LA4**	1398	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	1.1	1.0	10001	1130	**BK50G10-../D06LA4**	1549	3170	14100	24954	111000	212	96
0.25 HP (0.18 kW)	1.1	2.2	10178	1150	**BK60G20-../D06LA4**	1618	3732	16600	7644	34000	271	123
0.25 HP (0.18 kW)	0.9	1.7	12834	1450	**BK60G20-../D06LA4**	1810	3732	16600	7644	34000	271	123
0.25 HP (0.18 kW)	0.85	1.6	13719	1550	**BK60G20-../D06LA4**	2010	3732	16600	7644	34000	271	123
0.25 HP (0.18 kW)	0.7	1.3	17259	1950	**BK60G20-../D06LA4**	2371	3732	16600	7644	34000	271	123
0.25 HP (0.18 kW)	0.65	2.9	17701	2000	**BK70G20-../D06LA4**	2578	5418	24100	11240	50000	443	201
0.25 HP (0.18 kW)	0.6	1.1	20357	2300	**BK60G20-../D06LA4**	2733	3732	16600	7644	34000	271	123
0.25 HP (0.18 kW)	0.55	2.3	21684	2450	**BK70G20-../D06LA4**	3041	5418	24100	11240	50000	443	201
0.25 HP (0.18 kW)	0.47	1.95	26110	2950	**BK70G20-../D06LA4**	3505	5418	24100	11240	50000	443	201
0.25 HP (0.18 kW)	0.42	1.7	29650	3350	**BK70G20-../D06LA4**	3894	5418	24100	11240	50000	443	201
0.25 HP (0.18 kW)	0.36	1.4	35846	4050	**BK70G20-../D06LA4**	4531	5418	24100	11240	50000	443	201
0.25 HP (0.18 kW)	0.3	1.15	44254	5000	**BK70G20-../D06LA4**	5436	5418	24100	11240	50000	443	201

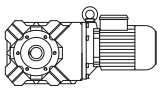
0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	167	6.1	116	13.1	**BK06-../D05LA4**	9.71	198	880	-	-	21	9.5
0.33 HP (0.25 kW)	139	5.1	140	15.8	**BK06-../D05LA4**	11.67	209	930	-	-	21	9.5
0.33 HP (0.25 kW)	106	4.0	177	20	**BK06-../D05LA4**	15.29	229	1020	-	-	21	9.5
0.33 HP (0.25 kW)	90	3.4	208	23.5	**BK06-../D05LA4**	18.00	243	1080	-	-	21	9.5
0.33 HP (0.25 kW)	76	2.9	248	28	**BK06-../D05LA4**	21.54	259	1150	-	-	21	9.5
0.33 HP (0.25 kW)	62	2.3	305	34.5	**BK06-../D05LA4**	26.36	277	1230	-	-	21	9.5
0.33 HP (0.25 kW)	49	1.85	385	43.5	**BK06-../D05LA4**	33.33	297	1320	-	-	21	9.5
0.33 HP (0.25 kW)	42.5	1.6	443	50	**BK06-../D05LA4**	38.18	310	1380	-	-	21	9.5
0.33 HP (0.25 kW)	34	1.3	549	62	**BK06-../D05LA4**	47.78	337	1500	-	-	21	9.5
0.33 HP (0.25 kW)	33.5	3.2	558	63	**BK10-../D06LA4**	48.96	1439	6400	-	-	51	23
0.33 HP (0.25 kW)	30	0.97	620	70	**BK06-../D05LA4**	54.38	360	1600	-	-	21	9.5
0.33 HP (0.25 kW)	26.5	2.5	708	80	**BK10-../D06LA4**	61.68	1574	7000	-	-	51	23
0.33 HP (0.25 kW)	22.5	2.2	823	93	**BK10-../D06LA4**	72.31	1574	7000	-	-	51	23
0.33 HP (0.25 kW)	18.5	1.6	991	112	**BK10-../D06LA4**	89.30	1574	7000	-	-	51	23
0.33 HP (0.25 kW)	18.5	2.9	991	112	**BK20-../D06LA4**	88.12	1798	8000	2023	9000	73	33
0.33 HP (0.25 kW)	16	1.25	1115	126	**BK10-../D06LA4**	102.5	1574	7000	-	-	51	23
0.33 HP (0.25 kW)	15	2.3	1204	136	**BK20-../D06LA4**	108.6	1956	8700	2023	9000	73	33
0.33 HP (0.25 kW)	13.5	0.91	1328	150	**BK10Z-../D06LA4**	120.3	1574	7000	-	-	53	24
0.33 HP (0.25 kW)	13.5	2.2	1328	150	**BK20Z-../D06LA4**	124.2	1956	8700	2023	9000	75	34
0.33 HP (0.25 kW)	13.5	3.0	1328	150	**BK30Z-../D06LA4**	123.9	2518	11200	2698	12000	90	41
0.33 HP (0.25 kW)	11.5	0.94	1540	174	**BK10Z-../D06LA4**	143.2	1574	7000	-	-	53	24
0.33 HP (0.25 kW)	11.5	1.9	1540	174	**BK20Z-../D06LA4**	144.5	1956	8700	2023	9000	75	34
0.33 HP (0.25 kW)	11.5	2.6	1540	174	**BK30Z-../D06LA4**	145.1	2518	11200	2698	12000	90	41
0.33 HP (0.25 kW)	9.5	0.98	1814	205	**BK10Z-../D06LA4**	170.6	1574	7000	-	-	53	24
0.33 HP (0.25 kW)	9.4	1.55	1859	210	**BK20Z-../D06LA4**	173.4	1956	8700	2023	9000	75	34
0.33 HP (0.25 kW)	8.8	2.0	1991	225	**BK30Z-../D06LA4**	184.8	2518	11200	2698	12000	90	41
0.33 HP (0.25 kW)	8.0	0.83	2124	240	**BK10Z-../D06LA4**	204.7	1574	7000	-	-	53	24
0.33 HP (0.25 kW)	7.9	1.35	2168	245	**BK20Z-../D06LA4**	207.5	1956	8700	2023	9000	75	34
0.33 HP (0.25 kW)	7.7	3.1	2213	250	**BK40Z-../D06LA4**	211.5	2630	11700	3822	17000	141	64
0.33 HP (0.25 kW)	7.5	1.75	2301	260	**BK30Z-../D06LA4**	216.5	2518	11200	2698	12000	90	41

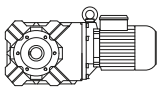
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	6.6	2.7	2567	290	**BK40Z-../D06LA4**	246.6	2630	11700	3822	17000	141	64
0.33 HP (0.25 kW)	6.4	1.5	2699	305	**BK30Z-../D06LA4**	255.3	2518	11200	2698	12000	90	41
0.33 HP (0.25 kW)	6.3	1.05	2744	310	**BK20Z-../D06LA4**	259.9	1956	8700	2023	9000	75	34
0.33 HP (0.25 kW)	5.6	2.0	3054	345	**BK40Z-../D06LA4**	289.8	2630	11700	3822	17000	141	64
0.33 HP (0.25 kW)	5.5	0.89	3098	350	**BK20Z-../D06LA4**	298.2	1956	8700	2023	9000	75	34
0.33 HP (0.25 kW)	5.3	1.05	3231	365	**BK30Z-../D06LA4**	308.3	2518	11200	2698	12000	90	41
0.33 HP (0.25 kW)	5.0	2.6	3408	385	**BK50Z-../D06LA4**	328.2	3170	14100	5845	26000	203	92
0.33 HP (0.25 kW)	4.7	1.4	3629	410	**BK40Z-../D06LA4**	348.7	2630	11700	3822	17000	141	64
0.33 HP (0.25 kW)	4.6	0.9	3540	400	**BK20G06-../D06LA4**	359.1	1956	8700	2023	9000	84	38
0.33 HP (0.25 kW)	4.3	0.91	3939	445	**BK30Z-../D06LA4**	380.7	2518	11200	2698	12000	90	41
0.33 HP (0.25 kW)	4.0	1.8	4204	475	**BK50Z-../D06LA4**	414.8	3170	14100	5845	26000	203	92
0.33 HP (0.25 kW)	3.8	1.15	4425	500	**BK40Z-../D06LA4**	430.0	2630	11700	3822	17000	141	64
0.33 HP (0.25 kW)	3.5	0.94	4602	520	**BK30G06-../D06LA4**	471.5	2518	11200	2698	12000	97	44
0.33 HP (0.25 kW)	3.5	2.4	4293	485	**BK50G10-../D06LA4**	465.1	3170	14100	24954	111000	212	96
0.33 HP (0.25 kW)	3.4	1.7	4381	495	**BK40G10-../D06LA4**	487.3	2630	11700	3822	17000	150	68
0.33 HP (0.25 kW)	3.2	2.2	4691	530	**BK50G10-../D06LA4**	513.4	3170	14100	24954	111000	212	96
0.33 HP (0.25 kW)	3.0	1.5	4956	560	**BK40G10-../D06LA4**	540.0	2630	11700	3822	17000	150	68
0.33 HP (0.25 kW)	2.9	1.95	5222	590	**BK50G10-../D06LA4**	568.6	3170	14100	24954	111000	212	96
0.33 HP (0.25 kW)	2.5	1.25	6019	680	**BK40G10-../D06LA4**	660.2	2630	11700	3822	17000	150	68
0.33 HP (0.25 kW)	2.5	1.7	6019	680	**BK50G10-../D06LA4**	651.7	3170	14100	24954	111000	212	96
0.33 HP (0.25 kW)	2.3	1.55	6638	750	**BK50G10-../D06LA4**	722.2	3170	14100	24954	111000	212	96
0.33 HP (0.25 kW)	2.2	1.1	6815	770	**BK40G10-../D06LA4**	756.7	2630	11700	3822	17000	150	68
0.33 HP (0.25 kW)	2.2	3.2	6815	770	**BK60G20-../D06LA4**	752.1	3732	16600	7644	34000	271	123
0.33 HP (0.25 kW)	2.0	0.99	7612	860	**BK40G10-../D06LA4**	838.4	2630	11700	3822	17000	150	68
0.33 HP (0.25 kW)	1.9	1.25	8054	910	**BK50G10-../D06LA4**	859.8	3170	14100	24954	111000	212	96
0.33 HP (0.25 kW)	1.9	2.7	8143	920	**BK60G20-../D06LA4**	887.8	3732	16600	7644	34000	271	123
0.33 HP (0.25 kW)	1.7	0.84	8939	1010	**BK40G10-../D06LA4**	998.3	2630	11700	3822	17000	150	68
0.33 HP (0.25 kW)	1.6	1.05	9647	1090	**BK50G10-../D06LA4**	1024	3170	14100	24954	111000	212	96
0.33 HP (0.25 kW)	1.6	2.1	10532	1190	**BK60G20-../D06LA4**	1016	3732	16600	7644	34000	271	123
0.33 HP (0.25 kW)	1.4	0.92	11063	1250	**BK50G10-../D06LA4**	1230	3170	14100	24954	111000	212	96
0.33 HP (0.25 kW)	1.3	1.65	13276	1500	**BK60G20-../D06LA4**	1322	3732	16600	7644	34000	271	123
0.33 HP (0.25 kW)	1.1	1.4	15577	1760	**BK60G20-../D06LA4**	1618	3732	16600	7644	34000	271	123
0.33 HP (0.25 kW)	1.0	2.9	17259	1950	**BK70G20-../D06LA4**	1696	5418	24100	11240	50000	443	201
0.33 HP (0.25 kW)	0.9	1.15	19029	2150	**BK60G20-../D06LA4**	1810	3732	16600	7644	34000	271	123
0.33 HP (0.25 kW)	0.85	1.1	20357	2300	**BK60G20-../D06LA4**	2010	3732	16600	7644	34000	271	123
0.33 HP (0.25 kW)	0.8	2.3	21684	2450	**BK70G20-../D06LA4**	2040	5418	24100	11240	50000	443	201
0.33 HP (0.25 kW)	0.65	1.85	26995	3050	**BK70G20-../D06LA4**	2578	5418	24100	11240	50000	443	201
0.33 HP (0.25 kW)	0.55	1.55	32305	3650	**BK70G20-../D06LA4**	3041	5418	24100	11240	50000	443	201
0.33 HP (0.25 kW)	0.47	1.3	38501	4350	**BK70G20-../D06LA4**	3505	5418	24100	11240	50000	443	201
0.33 HP (0.25 kW)	0.42	1.15	43811	4950	**BK70G20-../D06LA4**	3894	5418	24100	11240	50000	443	201

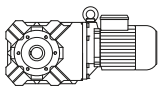
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	167	5.1	139	15.7	**BK06-../D05LA4**	9.71	198	880	-	-	21	9.5
0.4 HP (0.3 kW)	139	4.2	167	18.9	**BK06-../D05LA4**	11.67	209	930	-	-	21	9.5
0.4 HP (0.3 kW)	106	3.3	217	24.5	**BK06-../D05LA4**	15.29	229	1020	-	-	21	9.5
0.4 HP (0.3 kW)	90	2.8	252	28.5	**BK06-../D05LA4**	18.00	243	1080	-	-	21	9.5
0.4 HP (0.3 kW)	76	2.4	296	33.5	**BK06-../D05LA4**	21.54	259	1150	-	-	21	9.5
0.4 HP (0.3 kW)	62	1.95	367	41.5	**BK06-../D05LA4**	26.36	277	1230	-	-	21	9.5
0.4 HP (0.3 kW)	49	1.55	460	52	**BK06-../D05LA4**	33.33	297	1320	-	-	21	9.5

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

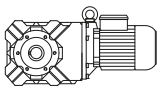
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	42.5	1.35	531	60	**BK06-../D05LA4**	38.18	310	1380	-	-	21	9.5
0.4 HP (0.3 kW)	40	3.1	566	64	**BK10-../D06LA4**	40.79	1349	6000	-	-	51	23
0.4 HP (0.3 kW)	34	1.1	655	74	**BK06-../D05LA4**	47.78	337	1500	-	-	21	9.5
0.4 HP (0.3 kW)	33.5	2.6	673	76	**BK10-../D06LA4**	48.96	1439	6400	-	-	51	23
0.4 HP (0.3 kW)	30	0.81	743	84	**BK06-../D05LA4**	54.38	360	1600	-	-	21	9.5
0.4 HP (0.3 kW)	26.5	2.1	850	96	**BK10-../D06LA4**	61.68	1574	7000	-	-	51	23
0.4 HP (0.3 kW)	22.5	1.8	991	112	**BK10-../D06LA4**	72.31	1574	7000	-	-	51	23
0.4 HP (0.3 kW)	21.5	2.8	1036	117	**BK20-../D06LA4**	76.79	1686	7500	2023	9000	73	33
0.4 HP (0.3 kW)	18.5	1.35	1186	134	**BK10-../D06LA4**	89.30	1574	7000	-	-	51	23
0.4 HP (0.3 kW)	18.5	2.5	1186	134	**BK20-../D06LA4**	88.12	1798	8000	2023	9000	73	33
0.4 HP (0.3 kW)	16	1.05	1345	152	**BK10-../D06LA4**	102.5	1574	7000	-	-	51	23
0.4 HP (0.3 kW)	16	3.0	1345	152	**BK30-../D06LA4**	102.4	2518	11200	2698	12000	86	39
0.4 HP (0.3 kW)	15	1.9	1452	164	**BK20-../D06LA4**	108.6	1956	8700	2023	9000	73	33
0.4 HP (0.3 kW)	13.5	1.85	1593	180	**BK20Z-../D06LA4**	124.2	1956	8700	2023	9000	75	34
0.4 HP (0.3 kW)	13.5	2.5	1593	180	**BK30Z-../D06LA4**	123.9	2518	11200	2698	12000	90	41
0.4 HP (0.3 kW)	11.5	0.8	1814	205	**BK10Z-../D06LA4**	143.2	1574	7000	-	-	53	24
0.4 HP (0.3 kW)	11.5	1.6	1814	205	**BK20Z-../D06LA4**	144.5	1956	8700	2023	9000	75	34
0.4 HP (0.3 kW)	11.5	2.2	1814	205	**BK30Z-../D06LA4**	145.1	2518	11200	2698	12000	90	41
0.4 HP (0.3 kW)	9.6	3.2	2168	245	**BK40Z-../D06LA4**	169.0	2630	11700	3822	17000	141	64
0.4 HP (0.3 kW)	9.5	0.8	2213	250	**BK10Z-../D06LA4**	170.6	1574	7000	-	-	53	24
0.4 HP (0.3 kW)	9.4	1.3	2213	250	**BK20Z-../D06LA4**	173.4	1956	8700	2023	9000	75	34
0.4 HP (0.3 kW)	8.8	1.65	2390	270	**BK30Z-../D06LA4**	184.8	2518	11200	2698	12000	90	41
0.4 HP (0.3 kW)	7.9	1.1	2611	295	**BK20Z-../D06LA4**	207.5	1956	8700	2023	9000	75	34
0.4 HP (0.3 kW)	7.7	2.6	2699	305	**BK40Z-../D06LA4**	211.5	2630	11700	3822	17000	141	64
0.4 HP (0.3 kW)	7.5	1.45	2744	310	**BK30Z-../D06LA4**	216.5	2518	11200	2698	12000	90	41
0.4 HP (0.3 kW)	6.6	2.2	3098	350	**BK40Z-../D06LA4**	246.6	2630	11700	3822	17000	141	64
0.4 HP (0.3 kW)	6.4	1.25	3231	365	**BK30Z-../D06LA4**	255.3	2518	11200	2698	12000	90	41
0.4 HP (0.3 kW)	6.3	0.89	3275	370	**BK20Z-../D06LA4**	259.9	1956	8700	2023	9000	75	34
0.4 HP (0.3 kW)	6.2	2.8	3275	370	**BK50Z-../D06LA4**	264.5	3170	14100	5845	26000	203	92
0.4 HP (0.3 kW)	5.6	1.65	3629	410	**BK40Z-../D06LA4**	289.8	2630	11700	3822	17000	141	64
0.4 HP (0.3 kW)	5.3	0.88	3894	440	**BK30Z-../D06LA4**	308.3	2518	11200	2698	12000	90	41
0.4 HP (0.3 kW)	5.0	2.2	4071	460	**BK50Z-../D06LA4**	328.2	3170	14100	5845	26000	203	92
0.4 HP (0.3 kW)	4.7	1.2	4337	490	**BK40Z-../D06LA4**	348.7	2630	11700	3822	17000	141	64
0.4 HP (0.3 kW)	4.0	1.5	5045	570	**BK50Z-../D06LA4**	414.8	3170	14100	5845	26000	203	92
0.4 HP (0.3 kW)	3.8	0.96	5310	600	**BK40Z-../D06LA4**	430.0	2630	11700	3822	17000	141	64
0.4 HP (0.3 kW)	3.5	1.95	5222	590	**BK50G10-../D06LA4**	465.1	3170	14100	24954	111000	212	96
0.4 HP (0.3 kW)	3.4	1.4	5310	600	**BK40G10-../D06LA4**	487.3	2630	11700	3822	17000	150	68
0.4 HP (0.3 kW)	3.2	1.75	5753	650	**BK50G10-../D06LA4**	513.4	3170	14100	24954	111000	212	96
0.4 HP (0.3 kW)	3.0	1.25	6019	680	**BK40G10-../D06LA4**	540.0	2630	11700	3822	17000	150	68
0.4 HP (0.3 kW)	2.9	1.6	6373	720	**BK50G10-../D06LA4**	568.6	3170	14100	24954	111000	212	96
0.4 HP (0.3 kW)	2.7	3.1	7081	800	**BK60G20-../D06LA4**	621.5	3732	16600	7644	34000	271	123
0.4 HP (0.3 kW)	2.5	1.0	7346	830	**BK40G10-../D06LA4**	660.2	2630	11700	3822	17000	150	68
0.4 HP (0.3 kW)	2.5	1.4	7346	830	**BK50G10-../D06LA4**	651.7	3170	14100	24954	111000	212	96
0.4 HP (0.3 kW)	2.3	1.25	8054	910	**BK50G10-../D06LA4**	722.2	3170	14100	24954	111000	212	96
0.4 HP (0.3 kW)	2.2	0.9	8320	940	**BK40G10-../D06LA4**	756.7	2630	11700	3822	17000	150	68
0.4 HP (0.3 kW)	2.2	2.6	8674	980	**BK60G20-../D06LA4**	752.1	3732	16600	7644	34000	271	123
0.4 HP (0.3 kW)	2.0	0.82	9205	1040	**BK40G10-../D06LA4**	838.4	2630	11700	3822	17000	150	68
0.4 HP (0.3 kW)	1.9	1.05	9824	1110	**BK50G10-../D06LA4**	859.8	3170	14100	24954	111000	212	96
0.4 HP (0.3 kW)	1.9	2.1	10355	1170	**BK60G20-../D06LA4**	887.8	3732	16600	7644	34000	271	123
0.4 HP (0.3 kW)	1.6	0.87	11683	1320	**BK50G10-../D06LA4**	1024	3170	14100	24954	111000	212	96
0.4 HP (0.3 kW)	1.6	1.7	13188	1490	**BK60G20-../D06LA4**	1016	3732	16600	7644	34000	271	123
0.4 HP (0.3 kW)	1.3	1.35	16462	1860	**BK60G20-../D06LA4**	1322	3732	16600	7644	34000	271	123
0.4 HP (0.3 kW)	1.3	3.1	16108	1820	**BK70G20-../D06LA4**	1280	5418	24100	11240	50000	443	201
0.4 HP (0.3 kW)	1.2	2.9	17259	1950	**BK70G20-../D06LA4**	1457	5418	24100	11240	50000	443	201
0.4 HP (0.3 kW)	1.1	1.15	19029	2150	**BK60G20-../D06LA4**	1618	3732	16600	7644	34000	271	123
0.4 HP (0.3 kW)	1.0	2.4	21242	2400	**BK70G20-../D06LA4**	1696	5418	24100	11240	50000	443	201
0.4 HP (0.3 kW)	0.8	1.85	26995	3050	**BK70G20-../D06LA4**	2040	5418	24100	11240	50000	443	201
0.4 HP (0.3 kW)	0.65	1.5	33633	3800	**BK70G20-../D06LA4**	2578	5418	24100	11240	50000	443	201

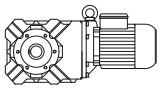
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	0.55	1.25	40271	4550	**BK70G20-../D06LA4**	3041	5418	24100	11240	50000	443	201
0.4 HP (0.3 kW)	0.47	1.05	47794	5400	**BK70G20-../D06LA4**	3505	5418	24100	11240	50000	443	201

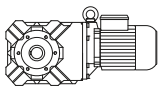
0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	167	4.1	172	19.4	**BK06-../D07LA4**	9.71	198	880	-	-	24	11
0.5 HP (0.37 kW)	139	3.5	204	23	**BK06-../D07LA4**	11.67	209	930	-	-	24	11
0.5 HP (0.37 kW)	106	2.7	266	30	**BK06-../D07LA4**	15.29	229	1020	-	-	24	11
0.5 HP (0.37 kW)	90	2.3	310	35	**BK06-../D07LA4**	18.00	243	1080	-	-	24	11
0.5 HP (0.37 kW)	76	1.95	367	41.5	**BK06-../D07LA4**	21.54	259	1150	-	-	24	11
0.5 HP (0.37 kW)	62	1.55	451	51	**BK06-../D07LA4**	26.36	277	1230	-	-	24	11
0.5 HP (0.37 kW)	49	1.25	566	64	**BK06-../D07LA4**	33.33	297	1320	-	-	24	11
0.5 HP (0.37 kW)	47.5	3.0	584	66	**BK10-../D07LA4**	34.25	1259	5600	-	-	51	23
0.5 HP (0.37 kW)	42.5	1.1	655	74	**BK06-../D07LA4**	38.18	310	1380	-	-	24	11
0.5 HP (0.37 kW)	40	2.5	699	79	**BK10-../D07LA4**	40.79	1349	6000	-	-	51	23
0.5 HP (0.37 kW)	34	0.87	814	92	**BK06-../D07LA4**	47.78	337	1500	-	-	24	11
0.5 HP (0.37 kW)	33.5	2.2	823	93	**BK10-../D07LA4**	48.96	1439	6400	-	-	51	23
0.5 HP (0.37 kW)	26.5	1.7	1044	118	**BK10-../D07LA4**	61.68	1574	7000	-	-	51	23
0.5 HP (0.37 kW)	26.5	2.8	1044	118	**BK20-../D07LA4**	61.30	1461	6500	2023	9000	73	33
0.5 HP (0.37 kW)	22.5	1.45	1221	138	**BK10-../D07LA4**	72.31	1574	7000	-	-	51	23
0.5 HP (0.37 kW)	21.5	2.3	1275	144	**BK20-../D07LA4**	76.79	1686	7500	2023	9000	73	33
0.5 HP (0.37 kW)	18.5	1.05	1469	166	**BK10-../D07LA4**	89.30	1574	7000	-	-	51	23
0.5 HP (0.37 kW)	18.5	2.0	1469	166	**BK20-../D07LA4**	88.12	1798	8000	2023	9000	73	33
0.5 HP (0.37 kW)	18.5	2.7	1452	164	**BK30-../D07LA4**	88.38	2383	10600	2698	12000	86	39
0.5 HP (0.37 kW)	16	0.84	1655	187	**BK10-../D07LA4**	102.5	1574	7000	-	-	51	23
0.5 HP (0.37 kW)	16	2.4	1655	187	**BK30-../D07LA4**	102.4	2518	11200	2698	12000	86	39
0.5 HP (0.37 kW)	15	1.6	1770	200	**BK20-../D07LA4**	108.6	1956	8700	2023	9000	73	33
0.5 HP (0.37 kW)	13.5	1.5	1947	220	**BK20Z-../D07LA4**	124.2	1956	8700	2023	9000	75	34
0.5 HP (0.37 kW)	13.5	2.0	1947	220	**BK30Z-../D07LA4**	123.9	2518	11200	2698	12000	90	41
0.5 HP (0.37 kW)	11.5	1.3	2257	255	**BK20Z-../D07LA4**	144.5	1956	8700	2023	9000	75	34
0.5 HP (0.37 kW)	11.5	1.75	2257	255	**BK30Z-../D07LA4**	145.1	2518	11200	2698	12000	90	41
0.5 HP (0.37 kW)	11.5	3.1	2257	255	**BK40Z-../D07LA4**	143.0	2630	11700	3822	17000	141	64
0.5 HP (0.37 kW)	9.6	2.6	2699	305	**BK40Z-../D07LA4**	169.0	2630	11700	3822	17000	141	64
0.5 HP (0.37 kW)	9.4	1.05	2744	310	**BK20Z-../D07LA4**	173.4	1956	8700	2023	9000	75	34
0.5 HP (0.37 kW)	8.8	1.35	2921	330	**BK30Z-../D07LA4**	184.8	2518	11200	2698	12000	90	41
0.5 HP (0.37 kW)	7.9	0.9	3231	365	**BK20Z-../D07LA4**	207.5	1956	8700	2023	9000	75	34
0.5 HP (0.37 kW)	7.9	2.9	3231	365	**BK50Z-../D07LA4**	206.8	3170	14100	5845	26000	203	92
0.5 HP (0.37 kW)	7.7	2.1	3319	375	**BK40Z-../D07LA4**	211.5	2630	11700	3822	17000	141	64
0.5 HP (0.37 kW)	7.5	1.15	3408	385	**BK30Z-../D07LA4**	216.5	2518	11200	2698	12000	90	41
0.5 HP (0.37 kW)	6.6	1.8	3806	430	**BK40Z-../D07LA4**	246.6	2630	11700	3822	17000	141	64
0.5 HP (0.37 kW)	6.4	1.0	3983	450	**BK30Z-../D07LA4**	255.3	2518	11200	2698	12000	90	41
0.5 HP (0.37 kW)	6.2	2.3	4071	460	**BK50Z-../D07LA4**	264.5	3170	14100	5845	26000	203	92
0.5 HP (0.37 kW)	5.6	1.35	4514	510	**BK40Z-../D07LA4**	289.8	2630	11700	3822	17000	141	64
0.5 HP (0.37 kW)	5.0	1.75	5045	570	**BK50Z-../D07LA4**	328.2	3170	14100	5845	26000	203	92
0.5 HP (0.37 kW)	4.7	0.97	5310	600	**BK40Z-../D07LA4**	348.7	2630	11700	3822	17000	141	64
0.5 HP (0.37 kW)	4.0	1.2	6196	700	**BK50Z-../D07LA4**	414.8	3170	14100	5845	26000	203	92
0.5 HP (0.37 kW)	3.5	1.55	6550	740	**BK50G10-../D07LA4**	465.1	3170	14100	24954	111000	212	96
0.5 HP (0.37 kW)	3.4	1.1	6727	760	**BK40G10-../D07LA4**	487.3	2630	11700	3822	17000	150	68
0.5 HP (0.37 kW)	3.2	1.4	7169	810	**BK50G10-../D07LA4**	513.4	3170	14100	24954	111000	212	96
0.5 HP (0.37 kW)	3.0	0.99	7612	860	**BK40G10-../D07LA4**	540.0	2630	11700	3822	17000	150	68

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

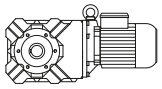
0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	2.9	1.3	7966	900	**BK50G10-../D07LA4**	568.6	3170	14100	24954	111000	212	96
0.5 HP (0.37 kW)	2.7	2.4	9205	1040	**BK60G20-../D07LA4**	621.5	3732	16600	7644	34000	271	123
0.5 HP (0.37 kW)	2.5	0.82	9205	1040	**BK40G10-../D07LA4**	660.2	2630	11700	3822	17000	150	68
0.5 HP (0.37 kW)	2.5	1.1	9293	1050	**BK50G10-../D07LA4**	651.7	3170	14100	24954	111000	212	96
0.5 HP (0.37 kW)	2.3	1.0	10090	1140	**BK50G10-../D07LA4**	722.2	3170	14100	24954	111000	212	96
0.5 HP (0.37 kW)	2.2	1.95	11417	1290	**BK60G20-../D07LA4**	752.1	3732	16600	7644	34000	271	123
0.5 HP (0.37 kW)	1.9	0.83	12214	1380	**BK50G10-../D07LA4**	859.8	3170	14100	24954	111000	212	96
0.5 HP (0.37 kW)	1.9	1.65	13453	1520	**BK60G20-../D07LA4**	887.8	3732	16600	7644	34000	271	123
0.5 HP (0.37 kW)	1.6	1.3	16816	1900	**BK60G20-../D07LA4**	1016	3732	16600	7644	34000	271	123
0.5 HP (0.37 kW)	1.5	3.0	16993	1920	**BK70G20-../D07LA4**	1139	5418	24100	11240	50000	443	201
0.5 HP (0.37 kW)	1.3	1.05	20799	2350	**BK60G20-../D07LA4**	1322	3732	16600	7644	34000	271	123
0.5 HP (0.37 kW)	1.3	2.5	20357	2300	**BK70G20-../D07LA4**	1280	5418	24100	11240	50000	443	201
0.5 HP (0.37 kW)	1.2	2.3	22127	2500	**BK70G20-../D07LA4**	1457	5418	24100	11240	50000	443	201
0.5 HP (0.37 kW)	1.1	0.89	24782	2800	**BK60G20-../D07LA4**	1618	3732	16600	7644	34000	271	123
0.5 HP (0.37 kW)	1.0	1.85	27437	3100	**BK70G20-../D07LA4**	1696	5418	24100	11240	50000	443	201
0.5 HP (0.37 kW)	0.8	1.45	34518	3900	**BK70G20-../D07LA4**	2040	5418	24100	11240	50000	443	201
0.5 HP (0.37 kW)	0.65	1.2	42484	4800	**BK70G20-../D07LA4**	2578	5418	24100	11240	50000	443	201

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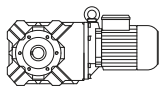
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	235	3.6	181	20.5	**BK06-../D08MA4**	7.25	180	800	-	-	33	15
0.75 HP (0.55 kW)	174	2.9	243	27.5	**BK06-../D08MA4**	9.71	198	880	-	-	33	15
0.75 HP (0.55 kW)	144	2.4	296	33.5	**BK06-../D08MA4**	11.67	209	930	-	-	33	15
0.75 HP (0.55 kW)	110	1.85	381	43	**BK06-../D08MA4**	15.29	229	1020	-	-	33	15
0.75 HP (0.55 kW)	100	2.9	416	47	**BK10-../D08MA4**	16.92	832	3700	-	-	60	27
0.75 HP (0.55 kW)	94	1.6	443	50	**BK06-../D08MA4**	18.00	243	1080	-	-	33	15
0.75 HP (0.55 kW)	78	1.35	531	60	**BK06-../D08MA4**	21.54	259	1150	-	-	33	15
0.75 HP (0.55 kW)	75	3.2	558	63	**BK10-../D08MA4**	22.65	1045	4650	-	-	60	27
0.75 HP (0.55 kW)	64	1.1	646	73	**BK06-../D08MA4**	26.36	277	1230	-	-	33	15
0.75 HP (0.55 kW)	59	2.5	708	80	**BK10-../D08MA4**	28.76	1169	5200	-	-	60	27
0.75 HP (0.55 kW)	51	0.87	814	92	**BK06-../D08MA4**	33.33	297	1320	-	-	33	15
0.75 HP (0.55 kW)	49.5	2.1	841	95	**BK10-../D08MA4**	34.25	1259	5600	-	-	60	27
0.75 HP (0.55 kW)	46	3.2	903	102	**BK20-../D08MA4**	36.69	1214	5400	2023	9000	79	36
0.75 HP (0.55 kW)	41.5	1.75	1000	113	**BK10-../D08MA4**	40.79	1349	6000	-	-	60	27
0.75 HP (0.55 kW)	39.5	2.8	1053	119	**BK20-../D08MA4**	42.70	1304	5800	2023	9000	79	36
0.75 HP (0.55 kW)	34.5	1.5	1195	135	**BK10-../D08MA4**	48.96	1439	6400	-	-	60	27
0.75 HP (0.55 kW)	33.5	3.3	1213	137	**BK30-../D08MA4**	50.27	1866	8300	2698	12000	93	42
0.75 HP (0.55 kW)	33	2.3	1248	141	**BK20-../D08MA4**	51.22	1416	6300	2023	9000	79	36
0.75 HP (0.55 kW)	28.5	2.8	1434	162	**BK30-../D08MA4**	59.27	2001	8900	2698	12000	93	42
0.75 HP (0.55 kW)	27.5	1.2	1496	169	**BK10-../D08MA4**	61.68	1574	7000	-	-	60	27
0.75 HP (0.55 kW)	27.5	1.95	1496	169	**BK20-../D08MA4**	61.30	1461	6500	2023	9000	79	36
0.75 HP (0.55 kW)	23.5	1.0	1735	196	**BK10-../D08MA4**	72.31	1574	7000	-	-	60	27
0.75 HP (0.55 kW)	23.5	2.3	1717	194	**BK30-../D08MA4**	71.56	2181	9700	2698	12000	93	42
0.75 HP (0.55 kW)	22	1.55	1859	210	**BK20-../D08MA4**	76.79	1686	7500	2023	9000	79	36
0.75 HP (0.55 kW)	19.5	1.45	2036	230	**BK20-../D08MA4**	88.12	1798	8000	2023	9000	79	36
0.75 HP (0.55 kW)	19.5	1.95	2036	230	**BK30-../D08MA4**	88.38	2383	10600	2698	12000	93	42
0.75 HP (0.55 kW)	16.5	1.65	2390	270	**BK30-../D08MA4**	102.4	2518	11200	2698	12000	93	42
0.75 HP (0.55 kW)	16.5	2.9	2390	270	**BK40-../D08MA4**	104.0	2630	11700	3822	17000	139	63
0.75 HP (0.55 kW)	15.5	1.1	2567	290	**BK20-../D08MA4**	108.6	1956	8700	2023	9000	79	36
0.75 HP (0.55 kW)	14.5	2.6	2699	305	**BK40Z-../D08MA4**	118.2	2630	11700	3822	17000	148	67

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

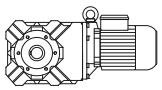
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	14	1.05	2788	315	**BK20Z-../D08MA4**	124.2	1956	8700	2023	9000	84	38
0.75 HP (0.55 kW)	14	1.45	2788	315	**BK30Z-../D08MA4**	123.9	2518	11200	2698	12000	99	45
0.75 HP (0.55 kW)	12	0.9	3231	365	**BK20Z-../D08MA4**	144.5	1956	8700	2023	9000	84	38
0.75 HP (0.55 kW)	12	1.25	3231	365	**BK30Z-../D08MA4**	145.1	2518	11200	2698	12000	99	45
0.75 HP (0.55 kW)	12	2.1	3231	365	**BK40Z-../D08MA4**	143.0	2630	11700	3822	17000	148	67
0.75 HP (0.55 kW)	11	2.7	3496	395	**BK50Z-../D08MA4**	153.3	3170	14100	5845	26000	212	96
0.75 HP (0.55 kW)	10	1.8	3850	435	**BK40Z-../D08MA4**	169.0	2630	11700	3822	17000	148	67
0.75 HP (0.55 kW)	9.1	0.95	4204	475	**BK30Z-../D08MA4**	184.8	2518	11200	2698	12000	99	45
0.75 HP (0.55 kW)	8.2	2.0	4602	520	**BK50Z-../D08MA4**	206.8	3170	14100	5845	26000	212	96
0.75 HP (0.55 kW)	8.0	1.45	4691	530	**BK40Z-../D08MA4**	211.5	2630	11700	3822	17000	148	67
0.75 HP (0.55 kW)	7.8	0.82	4868	550	**BK30Z-../D08MA4**	216.5	2518	11200	2698	12000	99	45
0.75 HP (0.55 kW)	7.1	3.2	6461	730	**BK60Z-../D08MA4**	239.7	3732	16600	7644	34000	262	119
0.75 HP (0.55 kW)	6.9	1.3	5399	610	**BK40Z-../D08MA4**	246.6	2630	11700	3822	17000	148	67
0.75 HP (0.55 kW)	6.4	1.6	5841	660	**BK50Z-../D08MA4**	264.5	3170	14100	5845	26000	212	96
0.75 HP (0.55 kW)	6.3	2.8	7346	830	**BK60Z-../D08MA4**	268.2	3732	16600	7644	34000	262	119
0.75 HP (0.55 kW)	5.8	0.94	6461	730	**BK40Z-../D08MA4**	289.8	2630	11700	3822	17000	148	67
0.75 HP (0.55 kW)	5.3	2.3	8762	990	**BK60Z-../D08MA4**	317.7	3732	16600	7644	34000	262	119
0.75 HP (0.55 kW)	5.2	1.25	7169	810	**BK50Z-../D08MA4**	328.2	3170	14100	5845	26000	212	96
0.75 HP (0.55 kW)	4.8	2.1	9647	1090	**BK60Z-../D08MA4**	355.5	3732	16600	7644	34000	262	119
0.75 HP (0.55 kW)	4.1	0.83	9028	1020	**BK50Z-../D08MA4**	414.8	3170	14100	5845	26000	212	96
0.75 HP (0.55 kW)	4.1	1.8	11329	1280	**BK60Z-../D08MA4**	411.5	3732	16600	7644	34000	262	119
0.75 HP (0.55 kW)	3.7	1.05	9559	1080	**BK50G10-../D08MA4**	465.1	3170	14100	24954	111000	220	100
0.75 HP (0.55 kW)	3.7	1.65	12480	1410	**BK60Z-../D08MA4**	460.4	3732	16600	7644	34000	262	119
0.75 HP (0.55 kW)	3.4	1.5	13630	1540	**BK60Z-../D08MA4**	498.0	3732	16600	7644	34000	262	119
0.75 HP (0.55 kW)	3.3	0.95	10709	1210	**BK50G10-../D08MA4**	513.4	3170	14100	24954	111000	220	100
0.75 HP (0.55 kW)	3.1	1.35	14958	1690	**BK60Z-../D08MA4**	557.2	3732	16600	7644	34000	262	119
0.75 HP (0.55 kW)	3.0	0.86	11771	1330	**BK50G10-../D08MA4**	568.6	3170	14100	24954	111000	220	100
0.75 HP (0.55 kW)	3.0	3.0	15489	1750	**BK70Z-../D08MA4**	570.8	5418	24100	11240	50000	456	207
0.75 HP (0.55 kW)	2.8	1.55	14250	1610	**BK60G20-../D08MA4**	621.5	3732	16600	7644	34000	278	126
0.75 HP (0.55 kW)	2.7	2.7	17170	1940	**BK70Z-../D08MA4**	644.9	5418	24100	11240	50000	456	207
0.75 HP (0.55 kW)	2.3	1.3	17347	1960	**BK60G20-../D08MA4**	752.1	3732	16600	7644	34000	278	126
0.75 HP (0.55 kW)	2.3	2.3	19914	2250	**BK70Z-../D08MA4**	733.6	5418	24100	11240	50000	456	207
0.75 HP (0.55 kW)	2.0	2.5	19914	2250	**BK70G20-../D08MA4**	847.7	5418	24100	11240	50000	452	205
0.75 HP (0.55 kW)	1.9	1.05	21242	2400	**BK60G20-../D08MA4**	887.8	3732	16600	7644	34000	278	126
0.75 HP (0.55 kW)	1.8	2.3	22127	2500	**BK70G20-../D08MA4**	964.6	5418	24100	11240	50000	452	205
0.75 HP (0.55 kW)	1.7	0.91	24340	2750	**BK60G20-../D08MA4**	1016	3732	16600	7644	34000	278	126
0.75 HP (0.55 kW)	1.5	1.85	26995	3050	**BK70G20-../D08MA4**	1139	5418	24100	11240	50000	452	205
0.75 HP (0.55 kW)	1.4	1.7	29650	3350	**BK70G20-../D08MA4**	1280	5418	24100	11240	50000	452	205
0.75 HP (0.55 kW)	1.2	1.45	34518	3900	**BK70G20-../D08MA4**	1457	5418	24100	11240	50000	452	205
0.75 HP (0.55 kW)	1.1	3.2	31420	3550	**BK80G40-../D08MA4**	1583	6744	30000	16861	75000	765	347
0.75 HP (0.55 kW)	1.0	1.2	42484	4800	**BK70G20-../D08MA4**	1696	5418	24100	11240	50000	452	205
0.75 HP (0.55 kW)	0.95	2.7	37173	4200	**BK80G40-../D08MA4**	1775	6744	30000	16861	75000	765	347
0.75 HP (0.55 kW)	0.85	1.0	49564	5600	**BK70G20-../D08MA4**	2040	5418	24100	11240	50000	452	205
0.75 HP (0.55 kW)	0.8	2.3	45139	5100	**BK80G40-../D08MA4**	2205	6744	30000	16861	75000	765	347
0.75 HP (0.55 kW)	0.7	1.9	53104	6000	**BK80G40-../D08MA4**	2449	6744	30000	16861	75000	765	347
0.75 HP (0.55 kW)	0.65	3.1	52219	5900	**BK90G50-../D08MA4**	2764	11106	49400	26977	120000	1367	620
0.75 HP (0.55 kW)	0.6	1.6	63725	7200	**BK80G40-../D08MA4**	2811	6744	30000	16861	75000	765	347
0.75 HP (0.55 kW)	0.55	1.45	70806	8000	**BK80G40-../D08MA4**	3120	6744	30000	16861	75000	765	347
0.75 HP (0.55 kW)	0.55	2.5	65496	7400	**BK90G50-../D08MA4**	3065	11106	49400	26977	120000	1367	620
0.75 HP (0.55 kW)	0.46	2.0	82312	9300	**BK90G50-../D08MA4**	3672	11106	49400	26977	120000	1367	620
0.75 HP (0.55 kW)	0.45	1.15	90278	10200	**BK80G40-../D08MA4**	3776	6744	30000	16861	75000	765	347
0.75 HP (0.55 kW)	0.42	1.8	91163	10300	**BK90G50-../D08MA4**	4070	11106	49400	26977	120000	1367	620
0.75 HP (0.55 kW)	0.34	1.4	117715	13300	**BK90G50-../D08MA4**	4952	11106	49400	26977	120000	1367	620
0.75 HP (0.55 kW)	0.31	1.25	130991	14800	**BK90G50-../D08MA4**	5491	11106	49400	26977	120000	1367	620
0.75 HP (0.55 kW)	0.27	1.05	153118	17300	**BK90G50-../D08MA4**	6335	11106	49400	26977	120000	1367	620

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

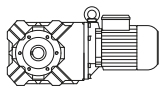
1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	240	2.7	239	27	**BK06-../DPE08XB4**	7.25	180	800	-	-	40	18
1 HP (0.75 kW)	185	3.2	314	35.5	**BK10-../DPE08XB4**	9.40	607	2700	-	-	66	30
1 HP (0.75 kW)	179	2.2	323	36.5	**BK06-../DPE08XB4**	9.71	198	880	-	-	40	18
1 HP (0.75 kW)	149	1.8	389	44	**BK06-../DPE08XB4**	11.67	209	930	-	-	40	18
1 HP (0.75 kW)	146	2.6	398	45	**BK10-../DPE08XB4**	11.93	697	3100	-	-	66	30
1 HP (0.75 kW)	114	1.4	504	57	**BK06-../DPE08XB4**	15.29	229	1020	-	-	40	18
1 HP (0.75 kW)	103	2.2	549	62	**BK10-../DPE08XB4**	16.92	832	3700	-	-	66	30
1 HP (0.75 kW)	97	1.2	584	66	**BK06-../DPE08XB4**	18.00	243	1080	-	-	40	18
1 HP (0.75 kW)	94	2.9	602	68	**BK10-../DPE08XB4**	18.52	967	4300	-	-	66	30
1 HP (0.75 kW)	81	1.0	699	79	**BK06-../DPE08XB4**	21.54	259	1150	-	-	40	18
1 HP (0.75 kW)	77	2.4	735	83	**BK10-../DPE08XB4**	22.65	1045	4650	-	-	66	30
1 HP (0.75 kW)	66	0.82	859	97	**BK06-../DPE08XB4**	26.36	277	1230	-	-	40	18
1 HP (0.75 kW)	61	1.9	929	105	**BK10-../DPE08XB4**	28.76	1169	5200	-	-	66	30
1 HP (0.75 kW)	61	3.1	929	105	**BK20-../DPE08XB4**	28.66	1090	4850	2023	9000	86	39
1 HP (0.75 kW)	51	1.6	1115	126	**BK10-../DPE08XB4**	34.25	1259	5600	-	-	66	30
1 HP (0.75 kW)	47.5	2.4	1195	135	**BK20-../DPE08XB4**	36.69	1214	5400	2023	9000	86	39
1 HP (0.75 kW)	43	1.35	1319	149	**BK10-../DPE08XB4**	40.79	1349	6000	-	-	66	30
1 HP (0.75 kW)	41	2.1	1390	157	**BK20-../DPE08XB4**	42.70	1304	5800	2023	9000	86	39
1 HP (0.75 kW)	40.5	2.9	1390	157	**BK30-../DPE08XB4**	42.89	1754	7800	2698	12000	99	45
1 HP (0.75 kW)	35.5	1.1	1584	179	**BK10-../DPE08XB4**	48.96	1439	6400	-	-	66	30
1 HP (0.75 kW)	35	2.5	1593	180	**BK30-../DPE08XB4**	50.27	1866	8300	2698	12000	99	45
1 HP (0.75 kW)	34	1.75	1655	187	**BK20-../DPE08XB4**	51.22	1416	6300	2023	9000	86	39
1 HP (0.75 kW)	29.5	2.1	1859	210	**BK30-../DPE08XB4**	59.27	2001	8900	2698	12000	99	45
1 HP (0.75 kW)	28.5	0.91	1947	220	**BK10-../DPE08XB4**	61.68	1574	7000	-	-	66	30
1 HP (0.75 kW)	28.5	1.5	1947	220	**BK20-../DPE08XB4**	61.30	1461	6500	2023	9000	86	39
1 HP (0.75 kW)	25	3.2	2168	245	**BK40-../DPE08XB4**	70.11	2203	9800	3822	17000	146	66
1 HP (0.75 kW)	24.5	1.8	2213	250	**BK30-../DPE08XB4**	71.56	2181	9700	2698	12000	99	45
1 HP (0.75 kW)	23	1.2	2390	270	**BK20-../DPE08XB4**	76.79	1686	7500	2023	9000	86	39
1 HP (0.75 kW)	21	2.6	2611	295	**BK40-../DPE08XB4**	84.36	2405	10700	3822	17000	146	66
1 HP (0.75 kW)	20	1.05	2744	310	**BK20-../DPE08XB4**	88.12	1798	8000	2023	9000	86	39
1 HP (0.75 kW)	20	1.5	2699	305	**BK30-../DPE08XB4**	88.38	2383	10600	2698	12000	99	45
1 HP (0.75 kW)	18.5	3.2	2921	330	**BK50-../DPE08XB4**	95.29	3170	14100	5845	26000	207	94
1 HP (0.75 kW)	17	1.25	3142	355	**BK30-../DPE08XB4**	102.4	2518	11200	2698	12000	99	45
1 HP (0.75 kW)	17	2.2	3142	355	**BK40-../DPE08XB4**	104.0	2630	11700	3822	17000	146	66
1 HP (0.75 kW)	16	0.83	3363	380	**BK20-../DPE08XB4**	108.6	1956	8700	2023	9000	86	39
1 HP (0.75 kW)	15.5	2.7	3452	390	**BK50Z-../DPE08XB4**	115.4	3170	14100	5845	26000	218	99
1 HP (0.75 kW)	15	1.95	3585	405	**BK40Z-../DPE08XB4**	118.2	2630	11700	3822	17000	154	70
1 HP (0.75 kW)	14.5	1.1	3673	415	**BK30Z-../DPE08XB4**	123.9	2518	11200	2698	12000	106	48
1 HP (0.75 kW)	12.5	1.65	4248	480	**BK40Z-../DPE08XB4**	143.0	2630	11700	3822	17000	154	70
1 HP (0.75 kW)	12	0.9	4425	500	**BK30Z-../DPE08XB4**	145.1	2518	11200	2698	12000	106	48
1 HP (0.75 kW)	11.5	2.1	4514	510	**BK50Z-../DPE08XB4**	153.3	3170	14100	5845	26000	218	99
1 HP (0.75 kW)	10.5	1.4	4956	560	**BK40Z-../DPE08XB4**	169.0	2630	11700	3822	17000	154	70
1 HP (0.75 kW)	9.5	3.1	6638	750	**BK60Z-../DPE08XB4**	183.2	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	8.5	2.7	7435	840	**BK60Z-../DPE08XB4**	205.0	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	8.4	1.5	6107	690	**BK50Z-../DPE08XB4**	206.8	3170	14100	5845	26000	218	99
1 HP (0.75 kW)	8.3	1.1	6196	700	**BK40Z-../DPE08XB4**	211.5	2630	11700	3822	17000	154	70
1 HP (0.75 kW)	7.3	2.3	8674	980	**BK60Z-../DPE08XB4**	239.7	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	7.1	0.96	7169	810	**BK40Z-../DPE08XB4**	246.6	2630	11700	3822	17000	154	70
1 HP (0.75 kW)	6.6	1.2	7700	870	**BK50Z-../DPE08XB4**	264.5	3170	14100	5845	26000	218	99
1 HP (0.75 kW)	6.5	2.1	9736	1100	**BK60Z-../DPE08XB4**	268.2	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	5.5	1.75	11506	1300	**BK60Z-../DPE08XB4**	317.7	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	5.3	0.93	9647	1090	**BK50Z-../DPE08XB4**	328.2	3170	14100	5845	26000	218	99
1 HP (0.75 kW)	4.9	1.6	12922	1460	**BK60Z-../DPE08XB4**	355.5	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	4.3	1.4	14692	1660	**BK60Z-../DPE08XB4**	411.5	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	4.1	3.0	15400	1740	**BK70Z-../DPE08XB4**	432.1	5418	24100	11240	50000	463	210
1 HP (0.75 kW)	3.8	1.2	16639	1880	**BK60Z-../DPE08XB4**	460.4	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	3.5	1.15	17701	2000	**BK60Z-../DPE08XB4**	498.0	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	3.5	2.6	17701	2000	**BK70Z-../DPE08XB4**	501.8	5418	24100	11240	50000	463	210

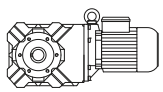
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	3.2	1.05	19472	2200	**BK60Z-../DPE08XB4**	557.2	3732	16600	7644	34000	269	122
1 HP (0.75 kW)	3.1	2.3	20357	2300	**BK70Z-../DPE08XB4**	570.8	5418	24100	11240	50000	463	210
1 HP (0.75 kW)	2.8	1.1	19914	2250	**BK60G20-../DPE08XB4**	621.5	3732	16600	7644	34000	284	129
1 HP (0.75 kW)	2.7	1.95	23454	2650	**BK70Z-../DPE08XB4**	644.9	5418	24100	11240	50000	463	210
1 HP (0.75 kW)	2.4	0.94	23454	2650	**BK60G20-../DPE08XB4**	752.1	3732	16600	7644	34000	284	129
1 HP (0.75 kW)	2.4	1.75	26110	2950	**BK70Z-../DPE08XB4**	733.6	5418	24100	11240	50000	463	210
1 HP (0.75 kW)	2.1	1.85	26995	3050	**BK70G20-../DPE08XB4**	847.7	5418	24100	11240	50000	459	208
1 HP (0.75 kW)	1.8	1.6	31420	3550	**BK70G20-../DPE08XB4**	964.6	5418	24100	11240	50000	459	208
1 HP (0.75 kW)	1.6	1.45	35403	4000	**BK70G20-../DPE08XB4**	1139	5418	24100	11240	50000	459	208
1 HP (0.75 kW)	1.4	1.2	41599	4700	**BK70G20-../DPE08XB4**	1280	5418	24100	11240	50000	459	208
1 HP (0.75 kW)	1.4	2.8	36288	4100	**BK80G40-../DPE08XB4**	1307	6744	30000	16861	75000	772	350
1 HP (0.75 kW)	1.3	2.7	38058	4300	**BK80G40-../DPE08XB4**	1425	6744	30000	16861	75000	772	350
1 HP (0.75 kW)	1.2	1.05	48679	5500	**BK70G20-../DPE08XB4**	1457	5418	24100	11240	50000	459	208
1 HP (0.75 kW)	1.1	0.95	53104	6000	**BK70G20-../DPE08XB4**	1696	5418	24100	11240	50000	459	208
1 HP (0.75 kW)	1.1	2.2	46024	5200	**BK80G40-../DPE08XB4**	1583	6744	30000	16861	75000	772	350
1 HP (0.75 kW)	1.0	2.0	51334	5800	**BK80G40-../DPE08XB4**	1775	6744	30000	16861	75000	772	350
1 HP (0.75 kW)	0.9	3.1	53104	6000	**BK90G50-../DPE08XB4**	2016	11106	49400	26977	120000	1371	622
1 HP (0.75 kW)	0.8	1.55	66381	7500	**BK80G40-../DPE08XB4**	2205	6744	30000	16861	75000	772	350
1 HP (0.75 kW)	0.75	1.4	71691	8100	**BK80G40-../DPE08XB4**	2449	6744	30000	16861	75000	772	350
1 HP (0.75 kW)	0.65	1.2	84082	9500	**BK80G40-../DPE08XB4**	2811	6744	30000	16861	75000	772	350
1 HP (0.75 kW)	0.65	2.1	78772	8900	**BK90G50-../DPE08XB4**	2764	11106	49400	26977	120000	1371	622
1 HP (0.75 kW)	0.6	1.1	92048	10400	**BK80G40-../DPE08XB4**	3120	6744	30000	16861	75000	772	350
1 HP (0.75 kW)	0.6	1.9	86737	9800	**BK90G50-../DPE08XB4**	3065	11106	49400	26977	120000	1371	622
1 HP (0.75 kW)	0.48	1.45	113290	12800	**BK90G50-../DPE08XB4**	3672	11106	49400	26977	120000	1371	622
1 HP (0.75 kW)	0.43	1.3	128336	14500	**BK90G50-../DPE08XB4**	4070	11106	49400	26977	120000	1371	622
1 HP (0.75 kW)	0.36	1.05	156658	17700	**BK90G50-../DPE08XB4**	4952	11106	49400	26977	120000	1371	622

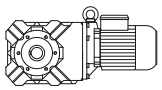
1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	400	4.0	212	24	**BK10-../DPE09XB4**	4.44	427	1900	-	-	88	40
1.5 HP (1.1 kW)	295	3.2	288	32.5	**BK10-../DPE09XB4**	6.02	472	2100	-	-	88	40
1.5 HP (1.1 kW)	230	2.7	372	42	**BK10-../DPE09XB4**	7.68	540	2400	-	-	88	40
1.5 HP (1.1 kW)	187	2.3	451	51	**BK10-../DPE09XB4**	9.40	607	2700	-	-	88	40
1.5 HP (1.1 kW)	165	3.2	504	57	**BK10-../DPE09XB4**	10.70	787	3500	-	-	88	40
1.5 HP (1.1 kW)	148	1.75	575	65	**BK10-../DPE09XB4**	11.93	697	3100	-	-	88	40
1.5 HP (1.1 kW)	122	2.6	682	77	**BK10-../DPE09XB4**	14.50	877	3900	-	-	88	40
1.5 HP (1.1 kW)	104	1.5	797	90	**BK10-../DPE09XB4**	16.92	832	3700	-	-	88	40
1.5 HP (1.1 kW)	101	2.5	832	94	**BK20-../DPE09XB4**	17.42	731	3250	2023	9000	110	50
1.5 HP (1.1 kW)	95	2.0	876	99	**BK10-../DPE09XB4**	18.52	967	4300	-	-	88	40
1.5 HP (1.1 kW)	91	3.2	912	103	**BK20-../DPE09XB4**	19.39	910	4050	2023	9000	110	50
1.5 HP (1.1 kW)	85	2.9	991	112	**BK30-../DPE09XB4**	20.85	1124	5000	2698	12000	123	56
1.5 HP (1.1 kW)	78	1.65	1071	121	**BK10-../DPE09XB4**	22.65	1045	4650	-	-	88	40
1.5 HP (1.1 kW)	73	2.6	1142	129	**BK20-../DPE09XB4**	24.29	1012	4500	2023	9000	110	50
1.5 HP (1.1 kW)	62	1.3	1345	152	**BK10-../DPE09XB4**	28.76	1169	5200	-	-	88	40
1.5 HP (1.1 kW)	62	2.2	1345	152	**BK20-../DPE09XB4**	28.66	1090	4850	2023	9000	110	50
1.5 HP (1.1 kW)	62	3.0	1345	152	**BK30-../DPE09XB4**	28.76	1461	6500	2698	12000	123	56
1.5 HP (1.1 kW)	53	2.5	1575	178	**BK30-../DPE09XB4**	33.70	1574	7000	2698	12000	123	56
1.5 HP (1.1 kW)	52	1.1	1602	181	**BK10-../DPE09XB4**	34.25	1259	5600	-	-	88	40
1.5 HP (1.1 kW)	48	1.7	1735	196	**BK20-../DPE09XB4**	36.69	1214	5400	2023	9000	110	50
1.5 HP (1.1 kW)	43.5	0.93	1903	215	**BK10-../DPE09XB4**	40.79	1349	6000	-	-	88	40

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

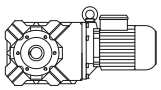
1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	41.5	1.45	1991	225	**BK20-../DPE09XB4**	42.70	1304	5800	2023	9000	110	50
1.5 HP (1.1 kW)	41	2.0	1991	225	**BK30-../DPE09XB4**	42.89	1754	7800	2698	12000	123	56
1.5 HP (1.1 kW)	35	1.75	2301	260	**BK30-../DPE09XB4**	50.27	1866	8300	2698	12000	123	56
1.5 HP (1.1 kW)	34.5	1.2	2390	270	**BK20-../DPE09XB4**	51.22	1416	6300	2023	9000	110	50
1.5 HP (1.1 kW)	34.5	2.9	2345	265	**BK40-../DPE09XB4**	51.18	1888	8400	3822	17000	168	76
1.5 HP (1.1 kW)	30	1.5	2699	305	**BK30-../DPE09XB4**	59.27	2001	8900	2698	12000	123	56
1.5 HP (1.1 kW)	29.5	2.5	2744	310	**BK40-../DPE09XB4**	59.66	2046	9100	3822	17000	168	76
1.5 HP (1.1 kW)	29	1.05	2832	320	**BK20-../DPE09XB4**	61.30	1461	6500	2023	9000	110	50
1.5 HP (1.1 kW)	29	3.3	2788	315	**BK50-../DPE09XB4**	60.76	2563	11400	5845	26000	229	104
1.5 HP (1.1 kW)	25.5	2.2	3142	355	**BK40-../DPE09XB4**	70.11	2203	9800	3822	17000	168	76
1.5 HP (1.1 kW)	25	1.25	3231	365	**BK30-../DPE09XB4**	71.56	2181	9700	2698	12000	123	56
1.5 HP (1.1 kW)	23.5	2.7	3408	385	**BK50-../DPE09XB4**	75.40	2833	12600	5845	26000	229	104
1.5 HP (1.1 kW)	23	0.83	3540	400	**BK20-../DPE09XB4**	76.79	1686	7500	2023	9000	110	50
1.5 HP (1.1 kW)	21	1.8	3850	435	**BK40-../DPE09XB4**	84.36	2405	10700	3822	17000	168	76
1.5 HP (1.1 kW)	20	1.0	3983	450	**BK30-../DPE09XB4**	88.38	2383	10600	2698	12000	123	56
1.5 HP (1.1 kW)	18.5	2.2	4293	485	**BK50-../DPE09XB4**	95.29	3170	14100	5845	26000	229	104
1.5 HP (1.1 kW)	17.5	0.88	4514	510	**BK30-../DPE09XB4**	102.4	2518	11200	2698	12000	123	56
1.5 HP (1.1 kW)	17	1.5	4602	520	**BK40-../DPE09XB4**	104.0	2630	11700	3822	17000	168	76
1.5 HP (1.1 kW)	15.5	1.85	5045	570	**BK50Z-../DPE09XB4**	115.4	3170	14100	5845	26000	240	109
1.5 HP (1.1 kW)	15	1.3	5222	590	**BK40Z-../DPE09XB4**	118.2	2630	11700	3822	17000	176	80
1.5 HP (1.1 kW)	14.5	3.2	6373	720	**BK60-../DPE09XB4**	122.5	3485	15500	7644	34000	249	113
1.5 HP (1.1 kW)	13	2.9	7081	800	**BK60-../DPE09XB4**	137.0	3732	16600	7644	34000	249	113
1.5 HP (1.1 kW)	12.5	1.1	6196	700	**BK40Z-../DPE09XB4**	143.0	2630	11700	3822	17000	176	80
1.5 HP (1.1 kW)	11.5	1.4	6638	750	**BK50Z-../DPE09XB4**	153.3	3170	14100	5845	26000	240	109
1.5 HP (1.1 kW)	11.5	2.5	8054	910	**BK60Z-../DPE09XB4**	153.7	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	10.5	0.94	7346	830	**BK40Z-../DPE09XB4**	169.0	2630	11700	3822	17000	176	80
1.5 HP (1.1 kW)	9.6	2.1	9647	1090	**BK60Z-../DPE09XB4**	183.2	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	8.6	1.9	10798	1220	**BK60Z-../DPE09XB4**	205.0	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	8.5	1.05	8939	1010	**BK50Z-../DPE09XB4**	206.8	3170	14100	5845	26000	240	109
1.5 HP (1.1 kW)	7.4	1.65	12480	1410	**BK60Z-../DPE09XB4**	239.7	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	6.7	0.83	11240	1270	**BK50Z-../DPE09XB4**	264.5	3170	14100	5845	26000	240	109
1.5 HP (1.1 kW)	6.6	1.45	14073	1590	**BK60Z-../DPE09XB4**	268.2	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	6.0	3.0	15489	1750	**BK70Z-../DPE09XB4**	293.3	5418	24100	11240	50000	485	220
1.5 HP (1.1 kW)	5.6	1.25	16551	1870	**BK60Z-../DPE09XB4**	317.7	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	5.3	2.6	17524	1980	**BK70Z-../DPE09XB4**	333.6	5418	24100	11240	50000	485	220
1.5 HP (1.1 kW)	5.0	1.1	18587	2100	**BK60Z-../DPE09XB4**	355.5	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	4.7	2.4	19472	2200	**BK70Z-../DPE09XB4**	379.9	5418	24100	11240	50000	485	220
1.5 HP (1.1 kW)	4.3	0.96	21242	2400	**BK60Z-../DPE09XB4**	411.5	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	4.1	2.0	22569	2550	**BK70Z-../DPE09XB4**	432.1	5418	24100	11240	50000	485	220
1.5 HP (1.1 kW)	3.9	0.87	23454	2650	**BK60Z-../DPE09XB4**	460.4	3732	16600	7644	34000	291	132
1.5 HP (1.1 kW)	3.5	1.75	26552	3000	**BK70Z-../DPE09XB4**	501.8	5418	24100	11240	50000	485	220
1.5 HP (1.1 kW)	3.1	1.55	29650	3350	**BK70Z-../DPE09XB4**	570.8	5418	24100	11240	50000	485	220
1.5 HP (1.1 kW)	2.8	1.4	33190	3750	**BK70Z-../DPE09XB4**	644.9	5418	24100	11240	50000	485	220
1.5 HP (1.1 kW)	2.4	1.2	38501	4350	**BK70Z-../DPE09XB4**	733.6	5418	24100	11240	50000	485	220
1.5 HP (1.1 kW)	2.4	3.2	31420	3550	**BK80G40-../DPE09XB4**	756.3	6744	30000	16861	75000	794	360
1.5 HP (1.1 kW)	2.1	1.25	40713	4600	**BK70G20-../DPE09XB4**	847.7	5418	24100	11240	50000	481	218
1.5 HP (1.1 kW)	2.1	2.8	35846	4050	**BK80G40-../DPE09XB4**	847.2	6744	30000	16861	75000	794	360
1.5 HP (1.1 kW)	1.9	1.1	45139	5100	**BK70G20-../DPE09XB4**	964.6	5418	24100	11240	50000	481	218
1.5 HP (1.1 kW)	1.9	2.5	40713	4600	**BK80G40-../DPE09XB4**	963.0	6744	30000	16861	75000	794	360
1.5 HP (1.1 kW)	1.7	2.3	45139	5100	**BK80G40-../DPE09XB4**	1079	6744	30000	16861	75000	794	360
1.5 HP (1.1 kW)	1.6	0.93	53990	6100	**BK70G20-../DPE09XB4**	1139	5418	24100	11240	50000	481	218
1.5 HP (1.1 kW)	1.4	0.8	62840	7100	**BK70G20-../DPE09XB4**	1280	5418	24100	11240	50000	481	218
1.5 HP (1.1 kW)	1.4	1.8	56645	6400	**BK80G40-../DPE09XB4**	1307	6744	30000	16861	75000	794	360
1.5 HP (1.1 kW)	1.3	1.65	61070	6900	**BK80G40-../DPE09XB4**	1425	6744	30000	16861	75000	794	360
1.5 HP (1.1 kW)	1.3	2.7	60185	6800	**BK90G50-../DPE09XB4**	1363	11106	49400	26977	120000	1396	633
1.5 HP (1.1 kW)	1.2	1.55	66381	7500	**BK80G40-../DPE09XB4**	1583	6744	30000	16861	75000	794	360
1.5 HP (1.1 kW)	1.2	2.6	63725	7200	**BK90G50-../DPE09XB4**	1579	11106	49400	26977	120000	1396	633
1.5 HP (1.1 kW)	1.0	1.25	81427	9200	**BK80G40-../DPE09XB4**	1775	6744	30000	16861	75000	794	360

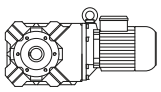
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	1.0	2.1	77001	8700	**BK90G50-../DPE09XB4**	1803	11106	49400	26977	120000	1396	633
1.5 HP (1.1 kW)	0.9	1.9	85852	9700	**BK90G50-../DPE09XB4**	2016	11106	49400	26977	120000	1396	633
1.5 HP (1.1 kW)	0.65	1.3	123910	14000	**BK90G50-../DPE09XB4**	2764	11106	49400	26977	120000	1396	633
1.5 HP (1.1 kW)	0.6	1.2	136301	15400	**BK90G50-../DPE09XB4**	3065	11106	49400	26977	120000	1396	633

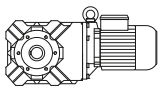
2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	395	2.9	292	33	**BK10-../DPE09XB4**	4.44	427	1900	-	-	88	40
2 HP (1.5 kW)	290	2.3	398	45	**BK10-../DPE09XB4**	6.02	472	2100	-	-	88	40
2 HP (1.5 kW)	230	2.0	504	57	**BK10-../DPE09XB4**	7.68	540	2400	-	-	88	40
2 HP (1.5 kW)	186	1.65	620	70	**BK10-../DPE09XB4**	9.40	607	2700	-	-	88	40
2 HP (1.5 kW)	177	3.1	655	74	**BK20-../DPE09XB4**	9.91	429	1910	1866	8300	110	50
2 HP (1.5 kW)	164	2.3	690	78	**BK10-../DPE09XB4**	10.70	787	3500	-	-	88	40
2 HP (1.5 kW)	150	2.7	770	87	**BK20-../DPE09XB4**	11.69	540	2400	1978	8800	110	50
2 HP (1.5 kW)	147	1.3	788	89	**BK10-../DPE09XB4**	11.93	697	3100	-	-	88	40
2 HP (1.5 kW)	125	3.1	920	104	**BK30-../DPE09XB4**	13.98	910	4050	2698	12000	123	56
2 HP (1.5 kW)	121	1.9	938	106	**BK10-../DPE09XB4**	14.50	877	3900	-	-	88	40
2 HP (1.5 kW)	119	3.1	956	108	**BK20-../DPE09XB4**	14.75	821	3650	2023	9000	110	50
2 HP (1.5 kW)	104	1.1	1089	123	**BK10-../DPE09XB4**	16.92	832	3700	-	-	88	40
2 HP (1.5 kW)	101	1.8	1142	129	**BK20-../DPE09XB4**	17.42	731	3250	2023	9000	110	50
2 HP (1.5 kW)	95	1.5	1195	135	**BK10-../DPE09XB4**	18.52	967	4300	-	-	88	40
2 HP (1.5 kW)	90	2.3	1266	143	**BK20-../DPE09XB4**	19.39	910	4050	2023	9000	110	50
2 HP (1.5 kW)	84	2.1	1372	155	**BK30-../DPE09XB4**	20.85	1124	5000	2698	12000	123	56
2 HP (1.5 kW)	78	1.2	1460	165	**BK10-../DPE09XB4**	22.65	1045	4650	-	-	88	40
2 HP (1.5 kW)	76	2.7	1496	169	**BK30-../DPE09XB4**	23.20	1326	5900	2698	12000	123	56
2 HP (1.5 kW)	72	1.85	1584	179	**BK20-../DPE09XB4**	24.29	1012	4500	2023	9000	110	50
2 HP (1.5 kW)	61	0.95	1859	210	**BK10-../DPE09XB4**	28.76	1169	5200	-	-	88	40
2 HP (1.5 kW)	61	1.55	1859	210	**BK20-../DPE09XB4**	28.66	1090	4850	2023	9000	110	50
2 HP (1.5 kW)	61	2.1	1859	210	**BK30-../DPE09XB4**	28.76	1461	6500	2698	12000	123	56
2 HP (1.5 kW)	52	1.85	2168	245	**BK30-../DPE09XB4**	33.70	1574	7000	2698	12000	123	56
2 HP (1.5 kW)	51	0.8	2213	250	**BK10-../DPE09XB4**	34.25	1259	5600	-	-	88	40
2 HP (1.5 kW)	51	3.1	2213	250	**BK40-../DPE09XB4**	34.61	1551	6900	3822	17000	168	76
2 HP (1.5 kW)	48	1.25	2345	265	**BK20-../DPE09XB4**	36.69	1214	5400	2023	9000	110	50
2 HP (1.5 kW)	43	2.6	2611	295	**BK40-../DPE09XB4**	40.88	1709	7600	3822	17000	168	76
2 HP (1.5 kW)	41	1.05	2744	310	**BK20-../DPE09XB4**	42.70	1304	5800	2023	9000	110	50
2 HP (1.5 kW)	41	1.45	2744	310	**BK30-../DPE09XB4**	42.89	1754	7800	2698	12000	123	56
2 HP (1.5 kW)	37	3.1	3009	340	**BK50-../DPE09XB4**	47.50	2271	10100	5778	25700	229	104
2 HP (1.5 kW)	35	1.25	3186	360	**BK30-../DPE09XB4**	50.27	1866	8300	2698	12000	123	56
2 HP (1.5 kW)	34.5	0.9	3231	365	**BK20-../DPE09XB4**	51.22	1416	6300	2023	9000	110	50
2 HP (1.5 kW)	34.5	2.1	3231	365	**BK40-../DPE09XB4**	51.18	1888	8400	3822	17000	168	76
2 HP (1.5 kW)	29.5	1.05	3762	425	**BK30-../DPE09XB4**	59.27	2001	8900	2698	12000	123	56
2 HP (1.5 kW)	29.5	1.85	3762	425	**BK40-../DPE09XB4**	59.66	2046	9100	3822	17000	168	76
2 HP (1.5 kW)	29	2.4	3806	430	**BK50-../DPE09XB4**	60.76	2563	11400	5845	26000	229	104
2 HP (1.5 kW)	25	1.6	4381	495	**BK40-../DPE09XB4**	70.11	2203	9800	3822	17000	168	76
2 HP (1.5 kW)	24.5	0.9	4425	500	**BK30-../DPE09XB4**	71.56	2181	9700	2698	12000	123	56
2 HP (1.5 kW)	23.5	2.0	4691	530	**BK50-../DPE09XB4**	75.40	2833	12600	5845	26000	229	104
2 HP (1.5 kW)	21	1.3	5222	590	**BK40-../DPE09XB4**	84.36	2405	10700	3822	17000	168	76
2 HP (1.5 kW)	20	3.2	6284	710	**BK60-../DPE09XB4**	87.41	2900	12900	7644	34000	249	113
2 HP (1.5 kW)	18.5	1.6	5841	660	**BK50-../DPE09XB4**	95.29	3170	14100	5845	26000	229	104
2 HP (1.5 kW)	17.5	2.8	7169	810	**BK60-../DPE09XB4**	101.2	3125	13900	7644	34000	249	113

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

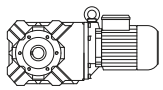
2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	17	1.1	6284	710	**BK40-../DPE09XB4**	104.0	2630	11700	3822	17000	168	76
2 HP (1.5 kW)	15.5	1.35	6904	780	**BK50Z-../DPE09XB4**	115.4	3170	14100	5845	26000	240	109
2 HP (1.5 kW)	15.5	2.5	8143	920	**BK60-../DPE09XB4**	113.2	3372	15000	7644	34000	249	113
2 HP (1.5 kW)	15	0.96	7169	810	**BK40Z-../DPE09XB4**	118.2	2630	11700	3822	17000	176	80
2 HP (1.5 kW)	14.5	2.3	8674	980	**BK60-../DPE09XB4**	122.5	3485	15500	7644	34000	249	113
2 HP (1.5 kW)	13	2.1	9736	1100	**BK60-../DPE09XB4**	137.0	3732	16600	7644	34000	249	113
2 HP (1.5 kW)	12.5	0.81	8497	960	**BK40Z-../DPE09XB4**	143.0	2630	11700	3822	17000	176	80
2 HP (1.5 kW)	11.5	1.0	9116	1030	**BK50Z-../DPE09XB4**	153.3	3170	14100	5845	26000	240	109
2 HP (1.5 kW)	11.5	1.85	10975	1240	**BK60Z-../DPE09XB4**	153.7	3732	16600	7644	34000	291	132
2 HP (1.5 kW)	9.6	1.55	13188	1490	**BK60Z-../DPE09XB4**	183.2	3732	16600	7644	34000	291	132
2 HP (1.5 kW)	8.6	1.4	14692	1660	**BK60Z-../DPE09XB4**	205.0	3732	16600	7644	34000	291	132
2 HP (1.5 kW)	7.8	2.8	16197	1830	**BK70Z-../DPE09XB4**	226.2	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	7.3	1.15	17347	1960	**BK60Z-../DPE09XB4**	239.7	3732	16600	7644	34000	291	132
2 HP (1.5 kW)	6.8	2.5	18587	2100	**BK70Z-../DPE09XB4**	257.3	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	6.6	1.05	19029	2150	**BK60Z-../DPE09XB4**	268.2	3732	16600	7644	34000	291	132
2 HP (1.5 kW)	6.0	2.2	20799	2350	**BK70Z-../DPE09XB4**	293.3	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	5.5	0.88	23012	2600	**BK60Z-../DPE09XB4**	317.7	3732	16600	7644	34000	291	132
2 HP (1.5 kW)	5.3	1.95	23897	2700	**BK70Z-../DPE09XB4**	333.6	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	5.0	0.81	25225	2850	**BK60Z-../DPE09XB4**	355.5	3732	16600	7644	34000	291	132
2 HP (1.5 kW)	4.6	1.7	27437	3100	**BK70Z-../DPE09XB4**	379.9	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	4.1	1.5	30535	3450	**BK70Z-../DPE09XB4**	432.1	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	4.1	3.3	30535	3450	**BK80Z-../DPE09XB4**	435.7	6744	30000	16861	75000	769	349
2 HP (1.5 kW)	3.5	1.3	35846	4050	**BK70Z-../DPE09XB4**	501.8	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	3.5	2.8	35846	4050	**BK80Z-../DPE09XB4**	499.5	6744	30000	16861	75000	769	349
2 HP (1.5 kW)	3.2	2.6	39386	4450	**BK80Z-../DPE09XB4**	559.5	6744	30000	16861	75000	769	349
2 HP (1.5 kW)	3.1	1.15	40713	4600	**BK70Z-../DPE09XB4**	570.8	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	2.9	2.8	36731	4150	**BK80G40-../DPE09XB4**	607.8	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	2.8	1.0	45139	5100	**BK70Z-../DPE09XB4**	644.9	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	2.6	2.5	41156	4650	**BK80G40-../DPE09XB4**	680.9	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	2.5	3.2	50449	5700	**BK90Z-../DPE09XB4**	713.5	11106	49400	26977	120000	1371	622
2 HP (1.5 kW)	2.4	0.88	52219	5900	**BK70Z-../DPE09XB4**	733.6	5418	24100	11240	50000	485	220
2 HP (1.5 kW)	2.4	2.3	45139	5100	**BK80G40-../DPE09XB4**	756.3	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	2.1	0.89	56645	6400	**BK70G20-../DPE09XB4**	847.7	5418	24100	11240	50000	481	218
2 HP (1.5 kW)	2.1	1.95	52219	5900	**BK80G40-../DPE09XB4**	847.2	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	2.0	3.1	52219	5900	**BK90G50-../DPE09XB4**	882.3	11106	49400	26977	120000	1396	633
2 HP (1.5 kW)	1.9	0.8	62840	7100	**BK70G20-../DPE09XB4**	964.6	5418	24100	11240	50000	481	218
2 HP (1.5 kW)	1.9	1.75	58415	6600	**BK80G40-../DPE09XB4**	963.0	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	1.8	2.8	58415	6600	**BK90G50-../DPE09XB4**	1008	11106	49400	26977	120000	1396	633
2 HP (1.5 kW)	1.7	1.55	65496	7400	**BK80G40-../DPE09XB4**	1079	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	1.6	2.5	65496	7400	**BK90G50-../DPE09XB4**	1127	11106	49400	26977	120000	1396	633
2 HP (1.5 kW)	1.4	1.25	81427	9200	**BK80G40-../DPE09XB4**	1307	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	1.3	1.15	86737	9800	**BK80G40-../DPE09XB4**	1425	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	1.3	1.9	86737	9800	**BK90G50-../DPE09XB4**	1363	11106	49400	26977	120000	1396	633
2 HP (1.5 kW)	1.2	1.05	94703	10700	**BK80G40-../DPE09XB4**	1583	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	1.2	1.8	92048	10400	**BK90G50-../DPE09XB4**	1579	11106	49400	26977	120000	1396	633
2 HP (1.5 kW)	1.0	0.88	115060	13000	**BK80G40-../DPE09XB4**	1775	6744	30000	16861	75000	794	360
2 HP (1.5 kW)	1.0	1.45	111519	12600	**BK90G50-../DPE09XB4**	1803	11106	49400	26977	120000	1396	633
2 HP (1.5 kW)	0.9	1.35	123025	13900	**BK90G50-../DPE09XB4**	2016	11106	49400	26977	120000	1396	633

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

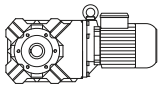
2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	400	2.4	350	39.5	**BK10-../DPE09XB4C**	4.44	427	1900	-	-	95	43
2.4 HP (1.8 kW)	295	2.0	469	53	**BK10-../DPE09XB4C**	6.02	472	2100	-	-	95	43
2.4 HP (1.8 kW)	230	1.7	602	68	**BK10-../DPE09XB4C**	7.68	540	2400	-	-	95	43
2.4 HP (1.8 kW)	225	3.3	620	70	**BK20-../DPE09XB4C**	7.91	299	1330	1709	7600	115	52
2.4 HP (1.8 kW)	188	1.35	743	84	**BK10-../DPE09XB4C**	9.40	607	2700	-	-	95	43
2.4 HP (1.8 kW)	178	2.6	779	88	**BK20-../DPE09XB4C**	9.91	429	1910	1866	8300	115	52
2.4 HP (1.8 kW)	165	1.95	823	93	**BK10-../DPE09XB4C**	10.70	787	3500	-	-	95	43
2.4 HP (1.8 kW)	158	3.1	859	97	**BK20-../DPE09XB4C**	11.14	742	3300	1821	8100	115	52
2.4 HP (1.8 kW)	151	2.2	920	104	**BK20-../DPE09XB4C**	11.69	540	2400	1978	8800	115	52
2.4 HP (1.8 kW)	148	1.1	938	106	**BK10-../DPE09XB4C**	11.93	697	3100	-	-	95	43
2.4 HP (1.8 kW)	148	3.0	938	106	**BK30-../DPE09XB4C**	11.93	821	3650	2698	12000	128	58
2.4 HP (1.8 kW)	126	2.6	1097	124	**BK30-../DPE09XB4C**	13.98	910	4050	2698	12000	128	58
2.4 HP (1.8 kW)	122	1.6	1115	126	**BK10-../DPE09XB4C**	14.50	877	3900	-	-	95	43
2.4 HP (1.8 kW)	120	2.6	1133	128	**BK20-../DPE09XB4C**	14.75	821	3650	2023	9000	115	52
2.4 HP (1.8 kW)	105	0.93	1301	147	**BK10-../DPE09XB4C**	16.92	832	3700	-	-	95	43
2.4 HP (1.8 kW)	102	1.5	1354	153	**BK20-../DPE09XB4C**	17.42	731	3250	2023	9000	115	52
2.4 HP (1.8 kW)	99	2.9	1381	156	**BK30-../DPE09XB4C**	17.95	1191	5300	2698	12000	128	58
2.4 HP (1.8 kW)	96	1.25	1425	161	**BK10-../DPE09XB4C**	18.52	967	4300	-	-	95	43
2.4 HP (1.8 kW)	91	1.95	1505	170	**BK20-../DPE09XB4C**	19.39	910	4050	2023	9000	115	52
2.4 HP (1.8 kW)	85	1.75	1629	184	**BK30-../DPE09XB4C**	20.85	1124	5000	2698	12000	128	58
2.4 HP (1.8 kW)	78	1.0	1752	198	**BK10-../DPE09XB4C**	22.65	1045	4650	-	-	95	43
2.4 HP (1.8 kW)	76	2.3	1770	200	**BK30-../DPE09XB4C**	23.20	1326	5900	2698	12000	128	58
2.4 HP (1.8 kW)	73	1.55	1859	210	**BK20-../DPE09XB4C**	24.29	1012	4500	2023	9000	115	52
2.4 HP (1.8 kW)	62	0.82	2168	245	**BK10-../DPE09XB4C**	28.76	1169	5200	-	-	95	43
2.4 HP (1.8 kW)	62	1.35	2168	245	**BK20-../DPE09XB4C**	28.66	1090	4850	2023	9000	115	52
2.4 HP (1.8 kW)	62	1.85	2168	245	**BK30-../DPE09XB4C**	28.76	1461	6500	2698	12000	128	58
2.4 HP (1.8 kW)	62	3.2	2168	245	**BK40-../DPE09XB4C**	28.59	1416	6300	3822	17000	174	79
2.4 HP (1.8 kW)	53	1.55	2567	290	**BK30-../DPE09XB4C**	33.70	1574	7000	2698	12000	128	58
2.4 HP (1.8 kW)	51	2.6	2655	300	**BK40-../DPE09XB4C**	34.61	1551	6900	3822	17000	174	79
2.4 HP (1.8 kW)	48	1.05	2832	320	**BK20-../DPE09XB4C**	36.69	1214	5400	2023	9000	115	52
2.4 HP (1.8 kW)	43.5	2.2	3142	355	**BK40-../DPE09XB4C**	40.88	1709	7600	3822	17000	174	79
2.4 HP (1.8 kW)	41.5	0.89	3275	370	**BK20-../DPE09XB4C**	42.70	1304	5800	2023	9000	115	52
2.4 HP (1.8 kW)	41.5	1.25	3231	365	**BK30-../DPE09XB4C**	42.89	1754	7800	2698	12000	128	58
2.4 HP (1.8 kW)	37.5	2.6	3585	405	**BK50-../DPE09XB4C**	47.50	2271	10100	5778	25700	236	107
2.4 HP (1.8 kW)	35.5	1.05	3762	425	**BK30-../DPE09XB4C**	50.27	1866	8300	2698	12000	128	58
2.4 HP (1.8 kW)	34.5	1.8	3850	435	**BK40-../DPE09XB4C**	51.18	1888	8400	3822	17000	174	79
2.4 HP (1.8 kW)	30	0.9	4425	500	**BK30-../DPE09XB4C**	59.27	2001	8900	2698	12000	128	58
2.4 HP (1.8 kW)	30	1.55	4425	500	**BK40-../DPE09XB4C**	59.66	2046	9100	3822	17000	174	79
2.4 HP (1.8 kW)	29	2.0	4602	520	**BK50-../DPE09XB4C**	60.76	2563	11400	5845	26000	236	107
2.4 HP (1.8 kW)	25.5	1.35	5133	580	**BK40-../DPE09XB4C**	70.11	2203	9800	3822	17000	174	79
2.4 HP (1.8 kW)	23.5	1.65	5576	630	**BK50-../DPE09XB4C**	75.40	2833	12600	5845	26000	236	107
2.4 HP (1.8 kW)	23	3.1	6550	740	**BK60-../DPE09XB4C**	78.13	2675	11900	7644	34000	254	115
2.4 HP (1.8 kW)	21	1.1	6284	710	**BK40-../DPE09XB4C**	84.36	2405	10700	3822	17000	174	79
2.4 HP (1.8 kW)	20.5	2.8	7346	830	**BK60-../DPE09XB4C**	87.41	2900	12900	7644	34000	254	115
2.4 HP (1.8 kW)	18.5	1.35	6992	790	**BK50-../DPE09XB4C**	95.29	3170	14100	5845	26000	236	107
2.4 HP (1.8 kW)	17.5	2.3	8674	980	**BK60-../DPE09XB4C**	101.2	3125	13900	7644	34000	254	115
2.4 HP (1.8 kW)	17	0.92	7523	850	**BK40-../DPE09XB4C**	104.0	2630	11700	3822	17000	174	79
2.4 HP (1.8 kW)	16	2.1	9470	1070	**BK60-../DPE09XB4C**	113.2	3372	15000	7644	34000	254	115
2.4 HP (1.8 kW)	15.5	1.1	8320	940	**BK50Z-../DPE09XB4C**	115.4	3170	14100	5845	26000	247	112
2.4 HP (1.8 kW)	15	0.8	8585	970	**BK40Z-../DPE09XB4C**	118.2	2630	11700	3822	17000	183	83
2.4 HP (1.8 kW)	14.5	1.95	10444	1180	**BK60-../DPE09XB4C**	122.5	3485	15500	7644	34000	254	115
2.4 HP (1.8 kW)	13	1.75	11683	1320	**BK60-../DPE09XB4C**	137.0	3732	16600	7644	34000	254	115
2.4 HP (1.8 kW)	11.5	0.85	10975	1240	**BK50Z-../DPE09XB4C**	153.3	3170	14100	5845	26000	247	112
2.4 HP (1.8 kW)	11.5	1.55	13188	1490	**BK60Z-../DPE09XB4C**	153.7	3732	16600	7644	34000	298	135
2.4 HP (1.8 kW)	10.5	3.2	14427	1630	**BK70-../DPE09XB4C**	175.7	5418	24100	11240	50000	445	202
2.4 HP (1.8 kW)	9.7	1.3	15666	1770	**BK60Z-../DPE09XB4C**	183.2	3732	16600	7644	34000	298	135
2.4 HP (1.8 kW)	9.3	2.8	16285	1840	**BK70Z-../DPE09XB4C**	190.4	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	8.6	1.15	17613	1990	**BK60Z-../DPE09XB4C**	205.0	3732	16600	7644	34000	298	135

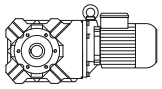
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	7.8	2.4	19472	2200	**BK70Z-../DPE09XB4C**	226.2	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	7.4	1.0	20357	2300	**BK60Z-../DPE09XB4C**	239.7	3732	16600	7644	34000	298	135
2.4 HP (1.8 kW)	6.9	2.1	21684	2450	**BK70Z-../DPE09XB4C**	257.3	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	6.6	0.88	23012	2600	**BK60Z-../DPE09XB4C**	268.2	3732	16600	7644	34000	298	135
2.4 HP (1.8 kW)	6.1	1.85	24782	2800	**BK70Z-../DPE09XB4C**	293.3	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	5.3	1.65	28322	3200	**BK70Z-../DPE09XB4C**	333.6	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	4.7	1.4	32305	3650	**BK70Z-../DPE09XB4C**	379.9	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	4.6	3.1	32748	3700	**BK80Z-../DPE09XB4C**	389.0	6744	30000	16861	75000	774	351
2.4 HP (1.8 kW)	4.1	1.25	36731	4150	**BK70Z-../DPE09XB4C**	432.1	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	4.1	2.8	36731	4150	**BK80Z-../DPE09XB4C**	435.7	6744	30000	16861	75000	774	351
2.4 HP (1.8 kW)	3.6	1.1	42041	4750	**BK70Z-../DPE09XB4C**	501.8	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	3.6	2.4	42041	4750	**BK80Z-../DPE09XB4C**	499.5	6744	30000	16861	75000	774	351
2.4 HP (1.8 kW)	3.2	2.2	46909	5300	**BK80Z-../DPE09XB4C**	559.5	6744	30000	16861	75000	774	351
2.4 HP (1.8 kW)	3.1	0.95	48679	5500	**BK70Z-../DPE09XB4C**	570.8	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	2.9	2.3	45139	5100	**BK80G40-../DPE09XB4C**	607.8	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	2.8	0.85	53990	6100	**BK70Z-../DPE09XB4C**	644.9	5418	24100	11240	50000	492	223
2.4 HP (1.8 kW)	2.8	3.0	53990	6100	**BK90Z-../DPE09XB4C**	637.7	11106	49400	26977	120000	1376	624
2.4 HP (1.8 kW)	2.6	2.0	50449	5700	**BK80G40-../DPE09XB4C**	680.9	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	2.5	2.7	60185	6800	**BK90Z-../DPE09XB4C**	713.5	11106	49400	26977	120000	1376	624
2.4 HP (1.8 kW)	2.4	1.85	55760	6300	**BK80G40-../DPE09XB4C**	756.3	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	2.2	2.9	56645	6400	**BK90G50-../DPE09XB4C**	821.0	11106	49400	26977	120000	1400	635
2.4 HP (1.8 kW)	2.1	1.6	63725	7200	**BK80G40-../DPE09XB4C**	847.2	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	2.0	2.5	65496	7400	**BK90G50-../DPE09XB4C**	882.3	11106	49400	26977	120000	1400	635
2.4 HP (1.8 kW)	1.9	1.4	71691	8100	**BK80G40-../DPE09XB4C**	963.0	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	1.8	2.3	72576	8200	**BK90G50-../DPE09XB4C**	1008	11106	49400	26977	120000	1400	635
2.4 HP (1.8 kW)	1.7	1.3	79657	9000	**BK80G40-../DPE09XB4C**	1079	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	1.6	2.0	81427	9200	**BK90G50-../DPE09XB4C**	1127	11106	49400	26977	120000	1400	635
2.4 HP (1.8 kW)	1.4	1.05	99128	11200	**BK80G40-../DPE09XB4C**	1307	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	1.3	0.96	106209	12000	**BK80G40-../DPE09XB4C**	1425	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	1.3	1.55	106209	12000	**BK90G50-../DPE09XB4C**	1363	11106	49400	26977	120000	1400	635
2.4 HP (1.8 kW)	1.2	0.88	115945	13100	**BK80G40-../DPE09XB4C**	1583	6744	30000	16861	75000	800	363
2.4 HP (1.8 kW)	1.2	1.45	113290	12800	**BK90G50-../DPE09XB4C**	1579	11106	49400	26977	120000	1400	635
2.4 HP (1.8 kW)	1.0	1.2	136301	15400	**BK90G50-../DPE09XB4C**	1803	11106	49400	26977	120000	1400	635
2.4 HP (1.8 kW)	0.9	1.1	151348	17100	**BK90G50-../DPE09XB4C**	2016	11106	49400	26977	120000	1400	635

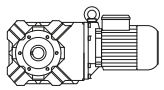
3 HP (2.2 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	375	3.8	451	51	**BK30-../DPE11LB4**	4.73	348	1550	1978	8800	168	76
3 HP (2.2 kW)	295	3.3	575	65	**BK30-../DPE11LB4**	6.02	380	1690	2158	9600	168	76
3 HP (2.2 kW)	240	3.4	708	80	**BK30-../DPE11LB4**	7.45	495	2200	2338	10400	168	76
3 HP (2.2 kW)	183	3.0	929	105	**BK30-../DPE11LB4**	9.63	708	3150	2585	11500	168	76
3 HP (2.2 kW)	155	3.4	1071	121	**BK30-../DPE11LB4**	11.39	933	4150	2473	11000	168	76
3 HP (2.2 kW)	148	2.5	1151	130	**BK30-../DPE11LB4**	11.93	821	3650	2698	12000	168	76
3 HP (2.2 kW)	126	2.1	1336	151	**BK30-../DPE11LB4**	13.98	910	4050	2698	12000	168	76
3 HP (2.2 kW)	122	2.9	1363	154	**BK30-../DPE11LB4**	14.50	1102	4900	2698	12000	168	76
3 HP (2.2 kW)	99	2.4	1690	191	**BK30-../DPE11LB4**	17.95	1191	5300	2698	12000	168	76
3 HP (2.2 kW)	79	3.3	2080	235	**BK40-../DPE11LB4**	22.44	1236	5500	3709	16500	225	102
3 HP (2.2 kW)	76	1.85	2168	245	**BK30-../DPE11LB4**	23.20	1326	5900	2698	12000	168	76
3 HP (2.2 kW)	62	1.5	2655	300	**BK30-../DPE11LB4**	28.76	1461	6500	2698	12000	168	76
3 HP (2.2 kW)	62	2.6	2655	300	**BK40-../DPE11LB4**	28.59	1416	6300	3822	17000	225	102

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

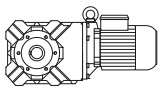
3 HP (2.2 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	53	1.25	3142	355	**BK30-../DPE11LB4**	33.70	1574	7000	2698	12000	168	76
3 HP (2.2 kW)	51	2.1	3275	370	**BK40-../DPE11LB4**	34.61	1551	6900	3822	17000	225	102
3 HP (2.2 kW)	50	2.8	3319	375	**BK50-../DPE11LB4**	35.21	1956	8700	5193	23100	291	132
3 HP (2.2 kW)	43.5	1.8	3806	430	**BK40-../DPE11LB4**	40.88	1709	7600	3822	17000	225	102
3 HP (2.2 kW)	37.5	2.1	4381	495	**BK50-../DPE11LB4**	47.50	2271	10100	5778	25700	291	132
3 HP (2.2 kW)	30	3.3	6196	700	**BK60-../DPE11LB4**	58.95	2226	9900	7081	31500	313	142
3 HP (2.2 kW)	29	1.65	5576	630	**BK50-../DPE11LB4**	60.76	2563	11400	5845	26000	291	132
3 HP (2.2 kW)	27	3.0	6815	770	**BK60-../DPE11LB4**	65.95	2450	10900	7419	33000	313	142
3 HP (2.2 kW)	23.5	1.35	6815	770	**BK50-../DPE11LB4**	75.40	2833	12600	5845	26000	291	132
3 HP (2.2 kW)	23	2.5	8054	910	**BK60-../DPE11LB4**	78.13	2675	11900	7644	34000	313	142
3 HP (2.2 kW)	20.5	2.3	9028	1020	**BK60-../DPE11LB4**	87.41	2900	12900	7644	34000	313	142
3 HP (2.2 kW)	17.5	1.9	10621	1200	**BK60-../DPE11LB4**	101.2	3125	13900	7644	34000	313	142
3 HP (2.2 kW)	16	1.75	11594	1310	**BK60-../DPE11LB4**	113.2	3372	15000	7644	34000	313	142
3 HP (2.2 kW)	14.5	1.6	12745	1440	**BK60-../DPE11LB4**	122.5	3485	15500	7644	34000	313	142
3 HP (2.2 kW)	13	1.45	14250	1610	**BK60-../DPE11LB4**	137.0	3732	16600	7644	34000	313	142
3 HP (2.2 kW)	13	3.2	14250	1610	**BK70-../DPE11LB4**	136.7	4654	20700	11240	50000	487	221
3 HP (2.2 kW)	11.5	1.25	16108	1820	**BK60Z-../DPE11LB4**	153.7	3732	16600	7644	34000	348	158
3 HP (2.2 kW)	11.5	2.9	16108	1820	**BK70-../DPE11LB4**	154.4	4923	21900	11240	50000	487	221
3 HP (2.2 kW)	10.5	2.6	17701	2000	**BK70-../DPE11LB4**	175.7	5418	24100	11240	50000	487	221
3 HP (2.2 kW)	9.7	1.05	19029	2150	**BK60Z-../DPE11LB4**	183.2	3732	16600	7644	34000	348	158
3 HP (2.2 kW)	9.3	2.3	19914	2250	**BK70Z-../DPE11LB4**	190.4	5418	24100	11240	50000	545	247
3 HP (2.2 kW)	8.6	0.96	21242	2400	**BK60Z-../DPE11LB4**	205.0	3732	16600	7644	34000	348	158
3 HP (2.2 kW)	7.8	1.95	23454	2650	**BK70Z-../DPE11LB4**	226.2	5418	24100	11240	50000	545	247
3 HP (2.2 kW)	7.4	0.82	24782	2800	**BK60Z-../DPE11LB4**	239.7	3732	16600	7644	34000	348	158
3 HP (2.2 kW)	6.9	1.75	26552	3000	**BK70Z-../DPE11LB4**	257.3	5418	24100	11240	50000	545	247
3 HP (2.2 kW)	6.1	1.55	30093	3400	**BK70Z-../DPE11LB4**	293.3	5418	24100	11240	50000	545	247
3 HP (2.2 kW)	5.9	3.2	31420	3550	**BK80Z-../DPE11LB4**	300.6	6744	30000	16861	75000	833	378
3 HP (2.2 kW)	5.3	1.3	34960	3950	**BK70Z-../DPE11LB4**	333.6	5418	24100	11240	50000	545	247
3 HP (2.2 kW)	5.3	2.9	34960	3950	**BK80Z-../DPE11LB4**	336.7	6744	30000	16861	75000	833	378
3 HP (2.2 kW)	4.7	1.15	39386	4450	**BK70Z-../DPE11LB4**	379.9	5418	24100	11240	50000	545	247
3 HP (2.2 kW)	4.6	2.5	40271	4550	**BK80Z-../DPE11LB4**	389.0	6744	30000	16861	75000	833	378
3 HP (2.2 kW)	4.1	1.0	45139	5100	**BK70Z-../DPE11LB4**	432.1	5418	24100	11240	50000	545	247
3 HP (2.2 kW)	4.1	2.3	45139	5100	**BK80Z-../DPE11LB4**	435.7	6744	30000	16861	75000	833	378
3 HP (2.2 kW)	3.6	0.9	51334	5800	**BK70Z-../DPE11LB4**	501.8	5418	24100	11240	50000	545	247
3 HP (2.2 kW)	3.6	2.0	51334	5800	**BK80Z-../DPE11LB4**	499.5	6744	30000	16861	75000	833	378
3 HP (2.2 kW)	3.6	3.2	51334	5800	**BK90Z-../DPE11LB4**	499.2	11106	49400	26977	120000	1418	643
3 HP (2.2 kW)	3.2	1.75	57530	6500	**BK80Z-../DPE11LB4**	559.5	6744	30000	16861	75000	833	378
3 HP (2.2 kW)	3.2	2.8	57530	6500	**BK90Z-../DPE11LB4**	558.5	11106	49400	26977	120000	1418	643
3 HP (2.2 kW)	2.9	1.8	56645	6400	**BK80G40-../DPE11LB4**	607.8	6744	30000	16861	75000	851	386
3 HP (2.2 kW)	2.8	2.5	66381	7500	**BK90Z-../DPE11LB4**	637.7	11106	49400	26977	120000	1418	643
3 HP (2.2 kW)	2.6	1.6	63725	7200	**BK80G40-../DPE11LB4**	680.9	6744	30000	16861	75000	851	386
3 HP (2.2 kW)	2.5	2.2	74346	8400	**BK90Z-../DPE11LB4**	713.5	11106	49400	26977	120000	1418	643
3 HP (2.2 kW)	2.4	1.45	69921	7900	**BK80G40-../DPE11LB4**	756.3	6744	30000	16861	75000	851	386
3 HP (2.2 kW)	2.2	2.3	72576	8200	**BK90G50-../DPE11LB4**	821.0	11106	49400	26977	120000	1455	660
3 HP (2.2 kW)	2.1	1.3	79657	9000	**BK80G40-../DPE11LB4**	847.2	6744	30000	16861	75000	851	386
3 HP (2.2 kW)	2.0	2.0	82312	9300	**BK90G50-../DPE11LB4**	882.3	11106	49400	26977	120000	1455	660
3 HP (2.2 kW)	1.9	1.15	89393	10100	**BK80G40-../DPE11LB4**	963.0	6744	30000	16861	75000	851	386
3 HP (2.2 kW)	1.8	1.8	91163	10300	**BK90G50-../DPE11LB4**	1008	11106	49400	26977	120000	1455	660
3 HP (2.2 kW)	1.7	1.0	100013	11300	**BK80G40-../DPE11LB4**	1079	6744	30000	16861	75000	851	386
3 HP (2.2 kW)	1.6	1.6	102669	11600	**BK90G50-../DPE11LB4**	1127	11106	49400	26977	120000	1455	660
3 HP (2.2 kW)	1.4	0.83	123025	13900	**BK80G40-../DPE11LB4**	1307	6744	30000	16861	75000	851	386
3 HP (2.2 kW)	1.3	1.25	131876	14900	**BK90G50-../DPE11LB4**	1363	11106	49400	26977	120000	1455	660
3 HP (2.2 kW)	1.2	1.15	141612	16000	**BK90G50-../DPE11LB4**	1579	11106	49400	26977	120000	1455	660
3 HP (2.2 kW)	1.0	0.96	169934	19200	**BK90G50-../DPE11LB4**	1803	11106	49400	26977	120000	1455	660

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

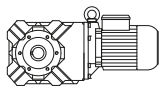
4 HP (3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	375	2.8	620	70	**BK30-../DPE11LB4**	4.73	348	1550	1978	8800	168	76
4 HP (3 kW)	295	2.4	788	89	**BK30-../DPE11LB4**	6.02	380	1690	2158	9600	168	76
4 HP (3 kW)	240	2.5	965	109	**BK30-../DPE11LB4**	7.45	495	2200	2338	10400	168	76
4 HP (3 kW)	183	2.2	1275	144	**BK30-../DPE11LB4**	9.63	708	3150	2585	11500	168	76
4 HP (3 kW)	155	2.5	1469	166	**BK30-../DPE11LB4**	11.39	933	4150	2473	11000	168	76
4 HP (3 kW)	149	2.8	1558	176	**BK40-../DPE11LB4**	11.86	398	1770	2743	12200	225	102
4 HP (3 kW)	148	1.8	1575	178	**BK30-../DPE11LB4**	11.93	821	3650	2698	12000	168	76
4 HP (3 kW)	126	1.55	1814	205	**BK30-../DPE11LB4**	13.98	910	4050	2698	12000	168	76
4 HP (3 kW)	122	2.1	1859	210	**BK30-../DPE11LB4**	14.50	1102	4900	2698	12000	168	76
4 HP (3 kW)	99	1.75	2301	260	**BK30-../DPE11LB4**	17.95	1191	5300	2698	12000	168	76
4 HP (3 kW)	99	2.8	2301	260	**BK50-../DPE11LB4**	17.92	1034	4600	3777	16800	291	132
4 HP (3 kW)	98	3.0	2301	260	**BK40-../DPE11LB4**	18.05	1102	4900	3440	15300	225	102
4 HP (3 kW)	79	2.4	2876	325	**BK40-../DPE11LB4**	22.44	1236	5500	3709	16500	225	102
4 HP (3 kW)	76	1.35	2965	335	**BK30-../DPE11LB4**	23.20	1326	5900	2698	12000	168	76
4 HP (3 kW)	67	2.8	3363	380	**BK50-../DPE11LB4**	26.51	1754	7800	4766	21200	291	132
4 HP (3 kW)	62	1.1	3673	415	**BK30-../DPE11LB4**	28.76	1461	6500	2698	12000	168	76
4 HP (3 kW)	62	1.9	3673	415	**BK40-../DPE11LB4**	28.59	1416	6300	3822	17000	225	102
4 HP (3 kW)	53	0.93	4293	485	**BK30-../DPE11LB4**	33.70	1574	7000	2698	12000	168	76
4 HP (3 kW)	51	1.55	4425	500	**BK40-../DPE11LB4**	34.61	1551	6900	3822	17000	225	102
4 HP (3 kW)	50	2.1	4514	510	**BK50-../DPE11LB4**	35.21	1956	8700	5193	23100	291	132
4 HP (3 kW)	43.5	1.3	5222	590	**BK40-../DPE11LB4**	40.88	1709	7600	3822	17000	225	102
4 HP (3 kW)	39.5	3.2	6373	720	**BK60-../DPE11LB4**	45.05	1843	8200	6362	28300	313	142
4 HP (3 kW)	37.5	1.55	5930	670	**BK50-../DPE11LB4**	47.50	2271	10100	5778	25700	291	132
4 HP (3 kW)	35	2.8	7169	810	**BK60-../DPE11LB4**	50.40	2046	9100	6699	29800	313	142
4 HP (3 kW)	30	2.4	8408	950	**BK60-../DPE11LB4**	58.95	2226	9900	7081	31500	313	142
4 HP (3 kW)	29	1.2	7612	860	**BK50-../DPE11LB4**	60.76	2563	11400	5845	26000	291	132
4 HP (3 kW)	27	2.2	9382	1060	**BK60-../DPE11LB4**	65.95	2450	10900	7419	33000	313	142
4 HP (3 kW)	23.5	0.99	9382	1060	**BK50-../DPE11LB4**	75.40	2833	12600	5845	26000	291	132
4 HP (3 kW)	23	1.85	10975	1240	**BK60-../DPE11LB4**	78.13	2675	11900	7644	34000	313	142
4 HP (3 kW)	20.5	1.65	12303	1390	**BK60-../DPE11LB4**	87.41	2900	12900	7644	34000	313	142
4 HP (3 kW)	17.5	1.4	14427	1630	**BK60-../DPE11LB4**	101.2	3125	13900	7644	34000	313	142
4 HP (3 kW)	17.5	3.2	14427	1630	**BK70-../DPE11LB4**	103.5	3867	17200	11240	50000	487	221
4 HP (3 kW)	16	1.3	15843	1790	**BK60-../DPE11LB4**	113.2	3372	15000	7644	34000	313	142
4 HP (3 kW)	15	2.7	16905	1910	**BK70-../DPE11LB4**	120.2	4181	18600	11240	50000	487	221
4 HP (3 kW)	14.5	1.15	17436	1970	**BK60-../DPE11LB4**	122.5	3485	15500	7644	34000	313	142
4 HP (3 kW)	13	1.05	19472	2200	**BK60-../DPE11LB4**	137.0	3732	16600	7644	34000	313	142
4 HP (3 kW)	13	2.4	19472	2200	**BK70-../DPE11LB4**	136.7	4654	20700	11240	50000	487	221
4 HP (3 kW)	11.5	0.94	21684	2450	**BK60Z-../DPE11LB4**	153.7	3732	16600	7644	34000	348	158
4 HP (3 kW)	11.5	2.1	21684	2450	**BK70-../DPE11LB4**	154.4	4923	21900	11240	50000	487	221
4 HP (3 kW)	10.5	1.95	23897	2700	**BK70-../DPE11LB4**	175.7	5418	24100	11240	50000	487	221
4 HP (3 kW)	9.3	1.7	26995	3050	**BK70Z-../DPE11LB4**	190.4	5418	24100	11240	50000	545	247
4 HP (3 kW)	7.8	1.4	32305	3650	**BK70Z-../DPE11LB4**	226.2	5418	24100	11240	50000	545	247
4 HP (3 kW)	7.8	3.2	32305	3650	**BK80Z-../DPE11LB4**	226.1	6744	30000	16861	75000	833	378
4 HP (3 kW)	7.0	2.8	35846	4050	**BK80Z-../DPE11LB4**	253.3	6744	30000	16861	75000	833	378
4 HP (3 kW)	6.9	1.25	36731	4150	**BK70Z-../DPE11LB4**	257.3	5418	24100	11240	50000	545	247
4 HP (3 kW)	6.1	1.1	41156	4650	**BK70Z-../DPE11LB4**	293.3	5418	24100	11240	50000	545	247
4 HP (3 kW)	5.9	2.4	42926	4850	**BK80Z-../DPE11LB4**	300.6	6744	30000	16861	75000	833	378
4 HP (3 kW)	5.3	0.96	47794	5400	**BK70Z-../DPE11LB4**	333.6	5418	24100	11240	50000	545	247
4 HP (3 kW)	5.3	2.1	47794	5400	**BK80Z-../DPE11LB4**	336.7	6744	30000	16861	75000	833	378
4 HP (3 kW)	4.7	0.87	53104	6000	**BK70Z-../DPE11LB4**	379.9	5418	24100	11240	50000	545	247
4 HP (3 kW)	4.6	1.85	54875	6200	**BK80Z-../DPE11LB4**	389.0	6744	30000	16861	75000	833	378
4 HP (3 kW)	4.6	3.0	54875	6200	**BK90Z-../DPE11LB4**	389.1	11106	49400	26977	120000	1418	643
4 HP (3 kW)	4.1	1.65	61070	6900	**BK80Z-../DPE11LB4**	435.7	6744	30000	16861	75000	833	378
4 HP (3 kW)	4.1	2.7	61070	6900	**BK90Z-../DPE11LB4**	435.3	11106	49400	26977	120000	1418	643
4 HP (3 kW)	3.6	1.45	69921	7900	**BK80Z-../DPE11LB4**	499.5	6744	30000	16861	75000	833	378
4 HP (3 kW)	3.6	2.3	69921	7900	**BK90Z-../DPE11LB4**	499.2	11106	49400	26977	120000	1418	643
4 HP (3 kW)	3.2	1.3	78772	8900	**BK80Z-../DPE11LB4**	559.5	6744	30000	16861	75000	833	378
4 HP (3 kW)	3.2	2.1	78772	8900	**BK90Z-../DPE11LB4**	558.5	11106	49400	26977	120000	1418	643

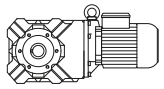
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

4 HP (3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	2.9	1.25	80542	9100	**BK80G40-../DPE11LB4**	607.8	6744	30000	16861	75000	851	386
4 HP (3 kW)	2.8	1.8	90278	10200	**BK90Z-../DPE11LB4**	637.7	11106	49400	26977	120000	1418	643
4 HP (3 kW)	2.6	1.15	89393	10100	**BK80G40-../DPE11LB4**	680.9	6744	30000	16861	75000	851	386
4 HP (3 kW)	2.5	1.6	100899	11400	**BK90Z-../DPE11LB4**	713.5	11106	49400	26977	120000	1418	643
4 HP (3 kW)	2.4	1.05	98243	11100	**BK80G40-../DPE11LB4**	756.3	6744	30000	16861	75000	851	386
4 HP (3 kW)	2.2	1.6	102669	11600	**BK90G50-../DPE11LB4**	821.0	11106	49400	26977	120000	1455	660
4 HP (3 kW)	2.1	0.91	112404	12700	**BK80G40-../DPE11LB4**	847.2	6744	30000	16861	75000	851	386
4 HP (3 kW)	2.0	1.4	115945	13100	**BK90G50-../DPE11LB4**	882.3	11106	49400	26977	120000	1455	660
4 HP (3 kW)	1.9	0.82	124796	14100	**BK80G40-../DPE11LB4**	963.0	6744	30000	16861	75000	851	386
4 HP (3 kW)	1.8	1.3	128336	14500	**BK90G50-../DPE11LB4**	1008	11106	49400	26977	120000	1455	660
4 HP (3 kW)	1.6	1.15	145152	16400	**BK90G50-../DPE11LB4**	1127	11106	49400	26977	120000	1455	660
4 HP (3 kW)	1.3	0.89	184096	20800	**BK90G50-../DPE11LB4**	1363	11106	49400	26977	120000	1455	660
4 HP (3 kW)	1.2	0.83	197372	22300	**BK90G50-../DPE11LB4**	1579	11106	49400	26977	120000	1455	660

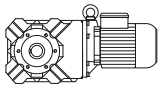
5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	375	2.3	761	86	**BK30-../DPE11LB4**	4.73	348	1550	1978	8800	168	76
5 HP (3.7 kW)	295	1.95	974	110	**BK30-../DPE11LB4**	6.02	380	1690	2158	9600	168	76
5 HP (3.7 kW)	240	2.0	1195	135	**BK30-../DPE11LB4**	7.45	495	2200	2338	10400	168	76
5 HP (3.7 kW)	190	2.9	1513	171	**BK40-../DPE11LB4**	9.31	234	1040	2518	11200	225	102
5 HP (3.7 kW)	183	1.8	1567	177	**BK30-../DPE11LB4**	9.63	708	3150	2585	11500	168	76
5 HP (3.7 kW)	155	2.0	1814	205	**BK30-../DPE11LB4**	11.39	933	4150	2473	11000	168	76
5 HP (3.7 kW)	149	2.3	1903	215	**BK40-../DPE11LB4**	11.86	398	1770	2743	12200	225	102
5 HP (3.7 kW)	148	1.5	1903	215	**BK30-../DPE11LB4**	11.93	821	3650	2698	12000	168	76
5 HP (3.7 kW)	126	1.25	2257	255	**BK30-../DPE11LB4**	13.98	910	4050	2698	12000	168	76
5 HP (3.7 kW)	122	1.75	2301	260	**BK30-../DPE11LB4**	14.50	1102	4900	2698	12000	168	76
5 HP (3.7 kW)	122	3.0	2301	260	**BK40-../DPE11LB4**	14.50	1012	4500	3215	14300	225	102
5 HP (3.7 kW)	99	1.4	2832	320	**BK30-../DPE11LB4**	17.95	1191	5300	2698	12000	168	76
5 HP (3.7 kW)	99	2.3	2832	320	**BK50-../DPE11LB4**	17.92	1034	4600	3777	16800	291	132
5 HP (3.7 kW)	98	2.4	2832	320	**BK40-../DPE11LB4**	18.05	1102	4900	3440	15300	225	102
5 HP (3.7 kW)	92	3.0	3054	345	**BK50-../DPE11LB4**	19.33	1551	6900	4316	19200	291	132
5 HP (3.7 kW)	79	1.95	3540	400	**BK40-../DPE11LB4**	22.44	1236	5500	3709	16500	225	102
5 HP (3.7 kW)	76	1.1	3673	415	**BK30-../DPE11LB4**	23.20	1326	5900	2698	12000	168	76
5 HP (3.7 kW)	67	2.2	4160	470	**BK50-../DPE11LB4**	26.51	1754	7800	4766	21200	291	132
5 HP (3.7 kW)	62	0.88	4514	510	**BK30-../DPE11LB4**	28.76	1461	6500	2698	12000	168	76
5 HP (3.7 kW)	62	1.55	4514	510	**BK40-../DPE11LB4**	28.59	1416	6300	3822	17000	225	102
5 HP (3.7 kW)	51	1.25	5487	620	**BK40-../DPE11LB4**	34.61	1551	6900	3822	17000	225	102
5 HP (3.7 kW)	50	1.65	5576	630	**BK50-../DPE11LB4**	35.21	1956	8700	5193	23100	291	132
5 HP (3.7 kW)	47	3.1	6638	750	**BK60-../DPE11LB4**	37.80	1641	7300	5957	26500	313	142
5 HP (3.7 kW)	43.5	1.05	6461	730	**BK40-../DPE11LB4**	40.88	1709	7600	3822	17000	225	102
5 HP (3.7 kW)	39.5	2.6	7877	890	**BK60-../DPE11LB4**	45.05	1843	8200	6362	28300	313	142
5 HP (3.7 kW)	37.5	1.25	7346	830	**BK50-../DPE11LB4**	47.50	2271	10100	5778	25700	291	132
5 HP (3.7 kW)	35	2.3	8851	1000	**BK60-../DPE11LB4**	50.40	2046	9100	6699	29800	313	142
5 HP (3.7 kW)	30	1.95	10355	1170	**BK60-../DPE11LB4**	58.95	2226	9900	7081	31500	313	142
5 HP (3.7 kW)	29	0.98	9470	1070	**BK50-../DPE11LB4**	60.76	2563	11400	5845	26000	291	132
5 HP (3.7 kW)	27	1.75	11506	1300	**BK60-../DPE11LB4**	65.95	2450	10900	7419	33000	313	142
5 HP (3.7 kW)	23.5	0.81	11506	1300	**BK50-../DPE11LB4**	75.40	2833	12600	5845	26000	291	132
5 HP (3.7 kW)	23	1.5	13542	1530	**BK60-../DPE11LB4**	78.13	2675	11900	7644	34000	313	142
5 HP (3.7 kW)	22.5	3.3	13896	1570	**BK70-../DPE11LB4**	79.89	3215	14300	10701	47600	487	221
5 HP (3.7 kW)	20.5	1.35	15223	1720	**BK60-../DPE11LB4**	87.41	2900	12900	7644	34000	313	142

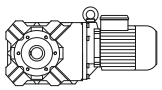
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	19.5	2.9	16020	1810	**BK70-../DPE11LB4**	90.96	3440	15300	11218	49900	487	221
5 HP (3.7 kW)	17.5	1.15	17701	2000	**BK60-../DPE11LB4**	101.2	3125	13900	7644	34000	313	142
5 HP (3.7 kW)	17.5	2.6	17701	2000	**BK70-../DPE11LB4**	103.5	3867	17200	11240	50000	487	221
5 HP (3.7 kW)	16	1.05	19472	2200	**BK60-../DPE11LB4**	113.2	3372	15000	7644	34000	313	142
5 HP (3.7 kW)	15	2.2	20799	2350	**BK70-../DPE11LB4**	120.2	4181	18600	11240	50000	487	221
5 HP (3.7 kW)	14.5	0.96	21242	2400	**BK60-../DPE11LB4**	122.5	3485	15500	7644	34000	313	142
5 HP (3.7 kW)	13	0.85	23897	2700	**BK60-../DPE11LB4**	137.0	3732	16600	7644	34000	313	142
5 HP (3.7 kW)	13	1.95	23897	2700	**BK70-../DPE11LB4**	136.7	4654	20700	11240	50000	487	221
5 HP (3.7 kW)	11.5	1.7	26995	3050	**BK70-../DPE11LB4**	154.4	4923	21900	11240	50000	487	221
5 HP (3.7 kW)	10.5	1.55	29650	3350	**BK70-../DPE11LB4**	175.7	5418	24100	11240	50000	487	221
5 HP (3.7 kW)	10.5	3.1	29650	3350	**BK80-../DPE11LB4**	171.5	6744	30000	16861	75000	741	336
5 HP (3.7 kW)	10	3.3	30978	3500	**BK80Z-../DPE11LB4**	177.6	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	9.3	1.4	33190	3750	**BK70Z-../DPE11LB4**	190.4	5418	24100	11240	50000	545	247
5 HP (3.7 kW)	8.9	2.9	34960	3950	**BK80Z-../DPE11LB4**	198.9	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	7.8	1.15	39828	4500	**BK70Z-../DPE11LB4**	226.2	5418	24100	11240	50000	545	247
5 HP (3.7 kW)	7.8	2.6	39828	4500	**BK80Z-../DPE11LB4**	226.1	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	7.0	2.3	44254	5000	**BK80Z-../DPE11LB4**	253.3	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	6.9	1.0	45139	5100	**BK70Z-../DPE11LB4**	257.3	5418	24100	11240	50000	545	247
5 HP (3.7 kW)	6.1	0.91	50449	5700	**BK70Z-../DPE11LB4**	293.3	5418	24100	11240	50000	545	247
5 HP (3.7 kW)	6.0	3.2	51334	5800	**BK90Z-../DPE11LB4**	295.6	11106	49400	26977	120000	1418	643
5 HP (3.7 kW)	5.9	1.95	52219	5900	**BK80Z-../DPE11LB4**	300.6	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	5.4	2.8	57530	6500	**BK90Z-../DPE11LB4**	330.7	11106	49400	26977	120000	1418	643
5 HP (3.7 kW)	5.3	1.75	58415	6600	**BK80Z-../DPE11LB4**	336.7	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	4.6	1.5	67266	7600	**BK80Z-../DPE11LB4**	389.0	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	4.6	2.4	67266	7600	**BK90Z-../DPE11LB4**	389.1	11106	49400	26977	120000	1418	643
5 HP (3.7 kW)	4.1	1.35	76116	8600	**BK80Z-../DPE11LB4**	435.7	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	4.1	2.2	76116	8600	**BK90Z-../DPE11LB4**	435.3	11106	49400	26977	120000	1418	643
5 HP (3.7 kW)	3.6	1.15	86737	9800	**BK80Z-../DPE11LB4**	499.5	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	3.6	1.9	86737	9800	**BK90Z-../DPE11LB4**	499.2	11106	49400	26977	120000	1418	643
5 HP (3.7 kW)	3.2	1.05	97358	11000	**BK80Z-../DPE11LB4**	559.5	6744	30000	16861	75000	833	378
5 HP (3.7 kW)	3.2	1.7	97358	11000	**BK90Z-../DPE11LB4**	558.5	11106	49400	26977	120000	1418	643
5 HP (3.7 kW)	2.9	1.0	100899	11400	**BK80G40-../DPE11LB4**	607.8	6744	30000	16861	75000	851	386
5 HP (3.7 kW)	2.8	1.45	111519	12600	**BK90Z-../DPE11LB4**	637.7	11106	49400	26977	120000	1418	643
5 HP (3.7 kW)	2.6	0.91	112404	12700	**BK80G40-../DPE11LB4**	680.9	6744	30000	16861	75000	851	386
5 HP (3.7 kW)	2.5	1.3	124796	14100	**BK90Z-../DPE11LB4**	713.5	11106	49400	26977	120000	1418	643
5 HP (3.7 kW)	2.4	0.83	123025	13900	**BK80G40-../DPE11LB4**	756.3	6744	30000	16861	75000	851	386
5 HP (3.7 kW)	2.2	1.25	130106	14700	**BK90G50-../DPE11LB4**	821.0	11106	49400	26977	120000	1455	660
5 HP (3.7 kW)	2.0	1.15	145152	16400	**BK90G50-../DPE11LB4**	882.3	11106	49400	26977	120000	1455	660
5 HP (3.7 kW)	1.8	1.0	161084	18200	**BK90G50-../DPE11LB4**	1008	11106	49400	26977	120000	1455	660
5 HP (3.7 kW)	1.6	0.9	181440	20500	**BK90G50-../DPE11LB4**	1127	11106	49400	26977	120000	1455	660

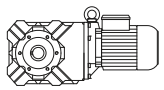
5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	375	2.1	823	93	**BK30-../DPE11LB4**	4.73	348	1550	1978	8800	168	76
5.5 HP (4.0 kW)	295	1.8	1053	119	**BK30-../DPE11LB4**	6.02	380	1690	2158	9600	168	76
5.5 HP (4.0 kW)	240	1.85	1292	146	**BK30-../DPE11LB4**	7.45	495	2200	2338	10400	168	76
5.5 HP (4.0 kW)	235	3.3	1319	149	**BK40-../DPE11LB4**	7.49	169	750	2360	10500	225	102
5.5 HP (4.0 kW)	190	2.7	1629	184	**BK40-../DPE11LB4**	9.31	234	1040	2518	11200	225	102
5.5 HP (4.0 kW)	183	1.65	1699	192	**BK30-../DPE11LB4**	9.63	708	3150	2585	11500	168	76
5.5 HP (4.0 kW)	158	3.3	1903	215	**BK40-../DPE11LB4**	11.17	922	4100	2945	13100	225	102

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

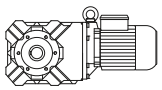
5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	155	1.9	1947	220	**BK30-../DPE11LB4**	11.39	933	4150	2473	11000	168	76
5.5 HP (4.0 kW)	149	2.1	2080	235	**BK40-../DPE11LB4**	11.86	398	1770	2743	12200	225	102
5.5 HP (4.0 kW)	148	1.35	2080	235	**BK30-../DPE11LB4**	11.93	821	3650	2698	12000	168	76
5.5 HP (4.0 kW)	126	1.15	2434	275	**BK30-../DPE11LB4**	13.98	910	4050	2698	12000	168	76
5.5 HP (4.0 kW)	122	1.6	2478	280	**BK30-../DPE11LB4**	14.50	1102	4900	2698	12000	168	76
5.5 HP (4.0 kW)	122	2.8	2478	280	**BK40-../DPE11LB4**	14.50	1012	4500	3215	14300	225	102
5.5 HP (4.0 kW)	99	1.3	3054	345	**BK30-../DPE11LB4**	17.95	1191	5300	2698	12000	168	76
5.5 HP (4.0 kW)	99	2.1	3098	350	**BK50-../DPE11LB4**	17.92	1034	4600	3777	16800	291	132
5.5 HP (4.0 kW)	98	2.2	3098	350	**BK40-../DPE11LB4**	18.05	1102	4900	3440	15300	225	102
5.5 HP (4.0 kW)	92	2.8	3275	370	**BK50-../DPE11LB4**	19.33	1551	6900	4316	19200	291	132
5.5 HP (4.0 kW)	79	1.8	3850	435	**BK40-../DPE11LB4**	22.44	1236	5500	3709	16500	225	102
5.5 HP (4.0 kW)	76	1.0	3983	450	**BK30-../DPE11LB4**	23.20	1326	5900	2698	12000	168	76
5.5 HP (4.0 kW)	67	2.1	4514	510	**BK50-../DPE11LB4**	26.51	1754	7800	4766	21200	291	132
5.5 HP (4.0 kW)	62	0.82	4868	550	**BK30-../DPE11LB4**	28.76	1461	6500	2698	12000	168	76
5.5 HP (4.0 kW)	62	1.4	4868	550	**BK40-../DPE11LB4**	28.59	1416	6300	3822	17000	225	102
5.5 HP (4.0 kW)	53	3.2	6373	720	**BK60-../DPE11LB4**	33.78	1461	6500	5665	25200	313	142
5.5 HP (4.0 kW)	51	1.15	5930	670	**BK40-../DPE11LB4**	34.61	1551	6900	3822	17000	225	102
5.5 HP (4.0 kW)	50	1.55	6019	680	**BK50-../DPE11LB4**	35.21	1956	8700	5193	23100	291	132
5.5 HP (4.0 kW)	47	2.8	7169	810	**BK60-../DPE11LB4**	37.80	1641	7300	5957	26500	313	142
5.5 HP (4.0 kW)	43.5	0.99	6992	790	**BK40-../DPE11LB4**	40.88	1709	7600	3822	17000	225	102
5.5 HP (4.0 kW)	39.5	2.4	8497	960	**BK60-../DPE11LB4**	45.05	1843	8200	6362	28300	313	142
5.5 HP (4.0 kW)	37.5	1.15	7966	900	**BK50-../DPE11LB4**	47.50	2271	10100	5778	25700	291	132
5.5 HP (4.0 kW)	35	2.1	9647	1090	**BK60-../DPE11LB4**	50.40	2046	9100	6699	29800	313	142
5.5 HP (4.0 kW)	30	1.8	11240	1270	**BK60-../DPE11LB4**	58.95	2226	9900	7081	31500	313	142
5.5 HP (4.0 kW)	29	0.91	10178	1150	**BK50-../DPE11LB4**	60.76	2563	11400	5845	26000	291	132
5.5 HP (4.0 kW)	27	1.65	12480	1410	**BK60-../DPE11LB4**	65.95	2450	10900	7419	33000	313	142
5.5 HP (4.0 kW)	23	1.4	14692	1660	**BK60-../DPE11LB4**	78.13	2675	11900	7644	34000	313	142
5.5 HP (4.0 kW)	22.5	3.1	14958	1690	**BK70-../DPE11LB4**	79.89	3215	14300	10701	47600	487	221
5.5 HP (4.0 kW)	20.5	1.25	16462	1860	**BK60-../DPE11LB4**	87.41	2900	12900	7644	34000	313	142
5.5 HP (4.0 kW)	19.5	2.7	17259	1950	**BK70-../DPE11LB4**	90.96	3440	15300	11218	49900	487	221
5.5 HP (4.0 kW)	17.5	1.05	19029	2150	**BK60-../DPE11LB4**	101.2	3125	13900	7644	34000	313	142
5.5 HP (4.0 kW)	17.5	2.4	19029	2150	**BK70-../DPE11LB4**	103.5	3867	17200	11240	50000	487	221
5.5 HP (4.0 kW)	16	0.98	20799	2350	**BK60-../DPE11LB4**	113.2	3372	15000	7644	34000	313	142
5.5 HP (4.0 kW)	15	2.1	22127	2500	**BK70-../DPE11LB4**	120.2	4181	18600	11240	50000	487	221
5.5 HP (4.0 kW)	14.5	0.88	23012	2600	**BK60-../DPE11LB4**	122.5	3485	15500	7644	34000	313	142
5.5 HP (4.0 kW)	13	1.8	25667	2900	**BK70-../DPE11LB4**	136.7	4654	20700	11240	50000	487	221
5.5 HP (4.0 kW)	11.5	1.6	29207	3300	**BK70-../DPE11LB4**	154.4	4923	21900	11240	50000	487	221
5.5 HP (4.0 kW)	11.5	3.2	29207	3300	**BK80-../DPE11LB4**	153.1	6115	27200	16861	75000	741	336
5.5 HP (4.0 kW)	10.5	1.45	31863	3600	**BK70-../DPE11LB4**	175.7	5418	24100	11240	50000	487	221
5.5 HP (4.0 kW)	10.5	2.9	31863	3600	**BK80-../DPE11LB4**	171.5	6744	30000	16861	75000	741	336
5.5 HP (4.0 kW)	10	3.0	33633	3800	**BK80Z-../DPE11LB4**	177.6	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	9.3	1.25	36288	4100	**BK70Z-../DPE11LB4**	190.4	5418	24100	11240	50000	545	247
5.5 HP (4.0 kW)	8.9	2.7	37616	4250	**BK80Z-../DPE11LB4**	198.9	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	7.8	1.05	42926	4850	**BK70Z-../DPE11LB4**	226.2	5418	24100	11240	50000	545	247
5.5 HP (4.0 kW)	7.8	2.4	42926	4850	**BK80Z-../DPE11LB4**	226.1	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	7.0	2.1	47794	5400	**BK80Z-../DPE11LB4**	253.3	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	6.9	0.95	48679	5500	**BK70Z-../DPE11LB4**	257.3	5418	24100	11240	50000	545	247
5.5 HP (4.0 kW)	6.8	3.3	49564	5600	**BK90Z-../DPE11LB4**	262.5	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	6.1	0.84	54875	6200	**BK70Z-../DPE11LB4**	293.3	5418	24100	11240	50000	545	247
5.5 HP (4.0 kW)	6.0	2.9	55760	6300	**BK90Z-../DPE11LB4**	295.6	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	5.9	1.8	56645	6400	**BK80Z-../DPE11LB4**	300.6	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	5.4	2.6	61955	7000	**BK90Z-../DPE11LB4**	330.7	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	5.3	1.6	63725	7200	**BK80Z-../DPE11LB4**	336.7	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	4.6	1.4	73461	8300	**BK80Z-../DPE11LB4**	389.0	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	4.6	2.2	73461	8300	**BK90Z-../DPE11LB4**	389.1	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	4.1	1.25	82312	9300	**BK80Z-../DPE11LB4**	435.7	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	4.1	2.0	82312	9300	**BK90Z-../DPE11LB4**	435.3	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	3.6	1.1	93818	10600	**BK80Z-../DPE11LB4**	499.5	6744	30000	16861	75000	833	378

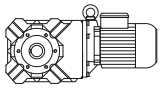
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	3.6	1.75	93818	10600	**BK90Z-../DPE11LB4**	499.2	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	3.2	0.97	105324	11900	**BK80Z-../DPE11LB4**	559.5	6744	30000	16861	75000	833	378
5.5 HP (4.0 kW)	3.2	1.55	105324	11900	**BK90Z-../DPE11LB4**	558.5	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	2.9	0.93	109749	12400	**BK80G40-../DPE11LB4**	607.8	6744	30000	16861	75000	851	386
5.5 HP (4.0 kW)	2.8	1.35	120370	13600	**BK90Z-../DPE11LB4**	637.7	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	2.6	0.83	122140	13800	**BK80G40-../DPE11LB4**	680.9	6744	30000	16861	75000	851	386
5.5 HP (4.0 kW)	2.5	1.2	134531	15200	**BK90Z-../DPE11LB4**	713.5	11106	49400	26977	120000	1418	643
5.5 HP (4.0 kW)	2.2	1.15	141612	16000	**BK90G50-../DPE11LB4**	821.0	11106	49400	26977	120000	1455	660
5.5 HP (4.0 kW)	2.0	1.05	158428	17900	**BK90G50-../DPE11LB4**	882.3	11106	49400	26977	120000	1455	660
5.5 HP (4.0 kW)	1.8	0.93	175245	19800	**BK90G50-../DPE11LB4**	1008	11106	49400	26977	120000	1455	660
5.5 HP (4.0 kW)	1.6	0.83	197372	22300	**BK90G50-../DPE11LB4**	1127	11106	49400	26977	120000	1455	660

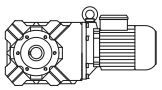
6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	370	1.85	938	106	**BK30-../DPE11LB4**	4.73	348	1550	1978	8800	168	76
6 HP (4.5 kW)	295	1.6	1186	134	**BK30-../DPE11LB4**	6.02	380	1690	2158	9600	168	76
6 HP (4.5 kW)	235	1.6	1487	168	**BK30-../DPE11LB4**	7.45	495	2200	2338	10400	168	76
6 HP (4.5 kW)	235	2.9	1487	168	**BK40-../DPE11LB4**	7.49	169	750	2360	10500	225	102
6 HP (4.5 kW)	188	2.3	1859	210	**BK40-../DPE11LB4**	9.31	234	1040	2518	11200	225	102
6 HP (4.5 kW)	182	1.5	1903	215	**BK30-../DPE11LB4**	9.63	708	3150	2585	11500	168	76
6 HP (4.5 kW)	157	2.9	2168	245	**BK40-../DPE11LB4**	11.17	922	4100	2945	13100	225	102
6 HP (4.5 kW)	154	1.65	2213	250	**BK30-../DPE11LB4**	11.39	933	4150	2473	11000	168	76
6 HP (4.5 kW)	148	1.85	2345	265	**BK40-../DPE11LB4**	11.86	398	1770	2743	12200	225	102
6 HP (4.5 kW)	147	1.2	2345	265	**BK30-../DPE11LB4**	11.93	821	3650	2698	12000	168	76
6 HP (4.5 kW)	126	1.05	2744	310	**BK30-../DPE11LB4**	13.98	910	4050	2698	12000	168	76
6 HP (4.5 kW)	121	1.45	2788	315	**BK30-../DPE11LB4**	14.50	1102	4900	2698	12000	168	76
6 HP (4.5 kW)	121	2.5	2788	315	**BK40-../DPE11LB4**	14.50	1012	4500	3215	14300	225	102
6 HP (4.5 kW)	116	3.2	2921	330	**BK50-../DPE11LB4**	15.19	1416	6300	4047	18000	291	132
6 HP (4.5 kW)	98	1.15	3452	390	**BK30-../DPE11LB4**	17.95	1191	5300	2698	12000	168	76
6 HP (4.5 kW)	98	1.85	3496	395	**BK50-../DPE11LB4**	17.92	1034	4600	3777	16800	291	132
6 HP (4.5 kW)	97	1.95	3496	395	**BK40-../DPE11LB4**	18.05	1102	4900	3440	15300	225	102
6 HP (4.5 kW)	91	2.5	3762	425	**BK50-../DPE11LB4**	19.33	1551	6900	4316	19200	291	132
6 HP (4.5 kW)	78	1.6	4381	495	**BK40-../DPE11LB4**	22.44	1236	5500	3709	16500	225	102
6 HP (4.5 kW)	76	0.9	4425	500	**BK30-../DPE11LB4**	23.20	1326	5900	2698	12000	168	76
6 HP (4.5 kW)	67	1.85	5045	570	**BK50-../DPE11LB4**	26.51	1754	7800	4766	21200	291	132
6 HP (4.5 kW)	62	1.25	5487	620	**BK40-../DPE11LB4**	28.59	1416	6300	3822	17000	225	102
6 HP (4.5 kW)	52	2.8	7258	820	**BK60-../DPE11LB4**	33.78	1461	6500	5665	25200	313	142
6 HP (4.5 kW)	51	1.05	6638	750	**BK40-../DPE11LB4**	34.61	1551	6900	3822	17000	225	102
6 HP (4.5 kW)	50	1.35	6815	770	**BK50-../DPE11LB4**	35.21	1956	8700	5193	23100	291	132
6 HP (4.5 kW)	46.5	2.5	8143	920	**BK60-../DPE11LB4**	37.80	1641	7300	5957	26500	313	142
6 HP (4.5 kW)	43	0.88	7877	890	**BK40-../DPE11LB4**	40.88	1709	7600	3822	17000	225	102
6 HP (4.5 kW)	39	2.1	9736	1100	**BK60-../DPE11LB4**	45.05	1843	8200	6362	28300	313	142
6 HP (4.5 kW)	37	1.0	9116	1030	**BK50-../DPE11LB4**	47.50	2271	10100	5778	25700	291	132
6 HP (4.5 kW)	35	1.9	10798	1220	**BK60-../DPE11LB4**	50.40	2046	9100	6699	29800	313	142
6 HP (4.5 kW)	30	1.6	12657	1430	**BK60-../DPE11LB4**	58.95	2226	9900	7081	31500	313	142
6 HP (4.5 kW)	29	0.81	11506	1300	**BK50-../DPE11LB4**	60.76	2563	11400	5845	26000	291	132
6 HP (4.5 kW)	27	1.45	14073	1590	**BK60-../DPE11LB4**	65.95	2450	10900	7419	33000	313	142
6 HP (4.5 kW)	25	3.0	15135	1710	**BK70-../DPE11LB4**	70.23	2810	12500	10071	44800	487	221
6 HP (4.5 kW)	22.5	1.2	16905	1910	**BK60-../DPE11LB4**	78.13	2675	11900	7644	34000	313	142
6 HP (4.5 kW)	22	2.7	17259	1950	**BK70-../DPE11LB4**	79.89	3215	14300	10701	47600	487	221

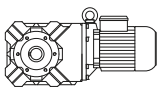
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	20.5	1.1	18144	2050	**BK60-../DPE11LB4**	87.41	2900	12900	7644	34000	313	142
6 HP (4.5 kW)	19.5	2.4	19472	2200	**BK70-../DPE11LB4**	90.96	3440	15300	11218	49900	487	221
6 HP (4.5 kW)	17.5	0.94	21684	2450	**BK60-../DPE11LB4**	101.2	3125	13900	7644	34000	313	142
6 HP (4.5 kW)	17	2.1	22127	2500	**BK70-../DPE11LB4**	103.5	3867	17200	11240	50000	487	221
6 HP (4.5 kW)	15.5	0.84	24340	2750	**BK60-../DPE11LB4**	113.2	3372	15000	7644	34000	313	142
6 HP (4.5 kW)	15	1.8	25225	2850	**BK70-../DPE11LB4**	120.2	4181	18600	11240	50000	487	221
6 HP (4.5 kW)	13.5	3.3	27880	3150	**BK80-../DPE11LB4**	131.6	5598	24900	16861	75000	741	336
6 HP (4.5 kW)	13	1.6	29207	3300	**BK70-../DPE11LB4**	136.7	4654	20700	11240	50000	487	221
6 HP (4.5 kW)	11.5	1.4	32748	3700	**BK70-../DPE11LB4**	154.4	4923	21900	11240	50000	487	221
6 HP (4.5 kW)	11.5	2.8	32748	3700	**BK80-../DPE11LB4**	153.1	6115	27200	16861	75000	741	336
6 HP (4.5 kW)	10.5	2.6	35846	4050	**BK80-../DPE11LB4**	171.5	6744	30000	16861	75000	741	336
6 HP (4.5 kW)	10	1.2	37616	4250	**BK70-../DPE11LB4**	175.7	5418	24100	11240	50000	487	221
6 HP (4.5 kW)	9.9	2.7	38058	4300	**BK80Z-../DPE11LB4**	177.6	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	9.2	1.1	41156	4650	**BK70Z-../DPE11LB4**	190.4	5418	24100	11240	50000	545	247
6 HP (4.5 kW)	8.8	2.4	42926	4850	**BK80Z-../DPE11LB4**	198.9	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	7.8	0.95	48679	5500	**BK70Z-../DPE11LB4**	226.2	5418	24100	11240	50000	545	247
6 HP (4.5 kW)	7.8	2.1	48679	5500	**BK80Z-../DPE11LB4**	226.1	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	7.5	3.2	50449	5700	**BK90Z-../DPE11LB4**	234.6	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	7.0	1.9	53990	6100	**BK80Z-../DPE11LB4**	253.3	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	6.9	0.84	54875	6200	**BK70Z-../DPE11LB4**	257.3	5418	24100	11240	50000	545	247
6 HP (4.5 kW)	6.7	2.9	56645	6400	**BK90Z-../DPE11LB4**	262.5	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	6.0	2.6	62840	7100	**BK90Z-../DPE11LB4**	295.6	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	5.9	1.6	63725	7200	**BK80Z-../DPE11LB4**	300.6	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	5.3	2.3	71691	8100	**BK90Z-../DPE11LB4**	330.7	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	5.2	1.4	72576	8200	**BK80Z-../DPE11LB4**	336.7	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	4.5	1.2	84082	9500	**BK80Z-../DPE11LB4**	389.0	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	4.5	1.95	84082	9500	**BK90Z-../DPE11LB4**	389.1	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	4.1	1.1	92048	10400	**BK80Z-../DPE11LB4**	435.7	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	4.1	1.8	92048	10400	**BK90Z-../DPE11LB4**	435.3	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	3.6	0.97	105324	11900	**BK80Z-../DPE11LB4**	499.5	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	3.6	1.55	105324	11900	**BK90Z-../DPE11LB4**	499.2	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	3.2	0.86	118600	13400	**BK80Z-../DPE11LB4**	559.5	6744	30000	16861	75000	833	378
6 HP (4.5 kW)	3.2	1.4	118600	13400	**BK90Z-../DPE11LB4**	558.5	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	2.9	0.82	123910	14000	**BK80G40-../DPE11LB4**	607.8	6744	30000	16861	75000	851	386
6 HP (4.5 kW)	2.8	1.2	135416	15300	**BK90Z-../DPE11LB4**	637.7	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	2.5	1.1	151348	17100	**BK90Z-../DPE11LB4**	713.5	11106	49400	26977	120000	1418	643
6 HP (4.5 kW)	2.2	1.0	161084	18200	**BK90G50-../DPE11LB4**	821.0	11106	49400	26977	120000	1455	660
6 HP (4.5 kW)	2.0	0.91	179670	20300	**BK90G50-../DPE11LB4**	882.3	11106	49400	26977	120000	1455	660
6 HP (4.5 kW)	1.8	0.82	199142	22500	**BK90G50-../DPE11LB4**	1008	11106	49400	26977	120000	1455	660

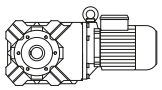
7.5 HP (5.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	485	7.3	876	99	**BK50-../DPE13XA4**	3.67	26	115	2113	9400	324	147
7.5 HP (5.5 kW)	340	5.7	1257	142	**BK50-../DPE13XA4**	5.26	29	130	2405	10700	324	147
7.5 HP (5.5 kW)	245	4.1	1744	197	**BK50-../DPE13XA4**	7.29	139	620	24954	111000	324	147
7.5 HP (5.5 kW)	182	3.7	2257	255	**BK50-../DPE13XA4**	9.73	1214	5400	3462	15400	324	147
7.5 HP (5.5 kW)	177	3.0	2390	270	**BK50-../DPE13XA4**	10.00	274	1220	2967	13200	324	147
7.5 HP (5.5 kW)	127	2.8	3275	370	**BK50-../DPE13XA4**	13.95	1371	6100	3912	17400	324	147
7.5 HP (5.5 kW)	117	2.6	3540	400	**BK50-../DPE13XA4**	15.19	1416	6300	4047	18000	324	147
7.5 HP (5.5 kW)	99	1.5	4248	480	**BK50-../DPE13XA4**	17.92	1034	4600	3777	16800	324	147

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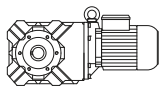
7.5 HP (5.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	92	2.1	4514	510	**BK50-../DPE13XA4**	19.33	1551	6900	4316	19200	324	147
7.5 HP (5.5 kW)	73	3.2	6284	710	**BK60-../DPE13XA4**	24.45	1090	4850	4946	22000	351	159
7.5 HP (5.5 kW)	67	1.5	6196	700	**BK50-../DPE13XA4**	26.51	1754	7800	4766	21200	324	147
7.5 HP (5.5 kW)	65	2.9	7081	800	**BK60-../DPE13XA4**	27.36	1259	5600	5216	23200	351	159
7.5 HP (5.5 kW)	53	2.3	8762	990	**BK60-../DPE13XA4**	33.78	1461	6500	5665	25200	351	159
7.5 HP (5.5 kW)	51	1.15	8143	920	**BK50-../DPE13XA4**	35.21	1956	8700	5193	23100	324	147
7.5 HP (5.5 kW)	47	2.1	9824	1110	**BK60-../DPE13XA4**	37.80	1641	7300	5957	26500	351	159
7.5 HP (5.5 kW)	39.5	1.75	11683	1320	**BK60-../DPE13XA4**	45.05	1843	8200	6362	28300	351	159
7.5 HP (5.5 kW)	37.5	0.85	10975	1240	**BK50-../DPE13XA4**	47.50	2271	10100	5778	25700	324	147
7.5 HP (5.5 kW)	35.5	1.55	13011	1470	**BK60-../DPE13XA4**	50.40	2046	9100	6699	29800	351	159
7.5 HP (5.5 kW)	33	3.3	14073	1590	**BK70-../DPE13XA4**	54.15	2226	9900	9037	40200	525	238
7.5 HP (5.5 kW)	30.5	1.35	15223	1720	**BK60-../DPE13XA4**	58.95	2226	9900	7081	31500	351	159
7.5 HP (5.5 kW)	29	2.9	16020	1810	**BK70-../DPE13XA4**	61.60	2585	11500	9622	42800	525	238
7.5 HP (5.5 kW)	27	1.2	17170	1940	**BK60-../DPE13XA4**	65.95	2450	10900	7419	33000	351	159
7.5 HP (5.5 kW)	25.5	2.5	18144	2050	**BK70-../DPE13XA4**	70.23	2810	12500	10071	44800	525	238
7.5 HP (5.5 kW)	23	1.0	19914	2250	**BK60-../DPE13XA4**	78.13	2675	11900	7644	34000	351	159
7.5 HP (5.5 kW)	22.5	2.3	20357	2300	**BK70-../DPE13XA4**	79.89	3215	14300	10701	47600	525	238
7.5 HP (5.5 kW)	20.5	0.9	22569	2550	**BK60-../DPE13XA4**	87.41	2900	12900	7644	34000	351	159
7.5 HP (5.5 kW)	19.5	1.95	23454	2650	**BK70-../DPE13XA4**	90.96	3440	15300	11218	49900	525	238
7.5 HP (5.5 kW)	17.5	1.75	26552	3000	**BK70-../DPE13XA4**	103.5	3867	17200	11240	50000	525	238
7.5 HP (5.5 kW)	15.5	3.1	29650	3350	**BK80-../DPE13XA4**	117.5	5013	22300	16861	75000	776	352
7.5 HP (5.5 kW)	15	1.5	30978	3500	**BK70-../DPE13XA4**	120.2	4181	18600	11240	50000	525	238
7.5 HP (5.5 kW)	13.5	2.7	34075	3850	**BK80-../DPE13XA4**	131.6	5598	24900	16861	75000	776	352
7.5 HP (5.5 kW)	13	1.3	35403	4000	**BK70-../DPE13XA4**	136.7	4654	20700	11240	50000	525	238
7.5 HP (5.5 kW)	12	2.4	38501	4350	**BK80-../DPE13XA4**	153.1	6115	27200	16861	75000	776	352
7.5 HP (5.5 kW)	11.5	1.15	40271	4550	**BK70-../DPE13XA4**	154.4	4923	21900	11240	50000	525	238
7.5 HP (5.5 kW)	10.5	1.05	44254	5000	**BK70-../DPE13XA4**	175.7	5418	24100	11240	50000	525	238
7.5 HP (5.5 kW)	10.5	2.1	44254	5000	**BK80-../DPE13XA4**	171.5	6744	30000	16861	75000	776	352
7.5 HP (5.5 kW)	10	2.2	46024	5200	**BK80Z-../DPE13XA4**	177.6	6744	30000	16861	75000	871	395
7.5 HP (5.5 kW)	9.3	0.93	49564	5600	**BK70Z-../DPE13XA4**	190.4	5418	24100	11240	50000	580	263
7.5 HP (5.5 kW)	9.1	3.2	50449	5700	**BK90Z-../DPE13XA4**	195.4	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	8.9	1.95	52219	5900	**BK80Z-../DPE13XA4**	198.9	6744	30000	16861	75000	871	395
7.5 HP (5.5 kW)	7.9	1.75	58415	6600	**BK80Z-../DPE13XA4**	226.1	6744	30000	16861	75000	871	395
7.5 HP (5.5 kW)	7.6	2.7	61070	6900	**BK90Z-../DPE13XA4**	234.6	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	7.0	1.55	66381	7500	**BK80Z-../DPE13XA4**	253.3	6744	30000	16861	75000	871	395
7.5 HP (5.5 kW)	6.8	2.4	68151	7700	**BK90Z-../DPE13XA4**	262.5	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	6.0	2.1	77001	8700	**BK90Z-../DPE13XA4**	295.6	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	5.9	1.3	78772	8900	**BK80Z-../DPE13XA4**	300.6	6744	30000	16861	75000	871	395
7.5 HP (5.5 kW)	5.4	1.9	85852	9700	**BK90Z-../DPE13XA4**	330.7	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	5.3	1.15	87622	9900	**BK80Z-../DPE13XA4**	336.7	6744	30000	16861	75000	871	395
7.5 HP (5.5 kW)	4.6	1.0	100899	11400	**BK80Z-../DPE13XA4**	389.0	6744	30000	16861	75000	871	395
7.5 HP (5.5 kW)	4.6	1.6	100899	11400	**BK90Z-../DPE13XA4**	389.1	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	4.1	0.9	113290	12800	**BK80Z-../DPE13XA4**	435.7	6744	30000	16861	75000	871	395
7.5 HP (5.5 kW)	4.1	1.45	113290	12800	**BK90Z-../DPE13XA4**	435.3	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	3.6	1.3	128336	14500	**BK90Z-../DPE13XA4**	499.2	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	3.2	1.15	145152	16400	**BK90Z-../DPE13XA4**	558.5	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	2.8	0.99	165509	18700	**BK90Z-../DPE13XA4**	637.7	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	2.5	0.88	185866	21000	**BK90Z-../DPE13XA4**	713.5	11106	49400	26977	120000	1455	660
7.5 HP (5.5 kW)	2.2	0.82	199142	22500	**BK90G50-../DPE13XA4**	821.0	11106	49400	26977	120000	1490	676

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

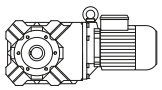
10 HP (7.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
10 HP (7.5 kW)	485	5.3	1195	135	**BK50-../DPE13XA4**	3.67	26	115	2113	9400	324	147
10 HP (7.5 kW)	340	4.2	1708	193	**BK50-../DPE13XA4**	5.26	29	130	2405	10700	324	147
10 HP (7.5 kW)	245	3.1	2345	265	**BK50-../DPE13XA4**	7.29	139	620	24954	111000	324	147
10 HP (7.5 kW)	182	2.7	3098	350	**BK50-../DPE13XA4**	9.73	1214	5400	3462	15400	324	147
10 HP (7.5 kW)	177	2.2	3275	370	**BK50-../DPE13XA4**	10.00	274	1220	2967	13200	324	147
10 HP (7.5 kW)	127	2.1	4425	500	**BK50-../DPE13XA4**	13.95	1371	6100	3912	17400	324	147
10 HP (7.5 kW)	123	3.3	5133	580	**BK60-../DPE13XA4**	14.41	821	3650	4181	18600	351	159
10 HP (7.5 kW)	117	1.9	4868	550	**BK50-../DPE13XA4**	15.19	1416	6300	4047	18000	324	147
10 HP (7.5 kW)	110	3.0	5753	650	**BK60-../DPE13XA4**	16.05	910	4050	4226	18800	351	159
10 HP (7.5 kW)	99	1.1	5753	650	**BK50-../DPE13XA4**	17.92	1034	4600	3777	16800	324	147
10 HP (7.5 kW)	97	3.0	6461	730	**BK60-../DPE13XA4**	18.36	899	4000	4474	19900	351	159
10 HP (7.5 kW)	92	1.5	6196	700	**BK50-../DPE13XA4**	19.33	1551	6900	4316	19200	324	147
10 HP (7.5 kW)	86	2.7	7346	830	**BK60-../DPE13XA4**	20.54	989	4400	4631	20600	351	159
10 HP (7.5 kW)	73	2.3	8674	980	**BK60-../DPE13XA4**	24.45	1090	4850	4946	22000	351	159
10 HP (7.5 kW)	67	1.1	8497	960	**BK50-../DPE13XA4**	26.51	1754	7800	4766	21200	324	147
10 HP (7.5 kW)	65	2.1	9736	1100	**BK60-../DPE13XA4**	27.36	1259	5600	5216	23200	351	159
10 HP (7.5 kW)	53	1.7	11949	1350	**BK60-../DPE13XA4**	33.78	1461	6500	5665	25200	351	159
10 HP (7.5 kW)	51	0.83	11152	1260	**BK50-../DPE13XA4**	35.21	1956	8700	5193	23100	324	147
10 HP (7.5 kW)	47	1.5	13453	1520	**BK60-../DPE13XA4**	37.80	1641	7300	5957	26500	351	159
10 HP (7.5 kW)	44.5	3.0	14161	1600	**BK70-../DPE13XA4**	40.08	1866	8300	8161	36300	525	238
10 HP (7.5 kW)	39.5	1.25	16020	1810	**BK60-../DPE13XA4**	45.05	1843	8200	6362	28300	351	159
10 HP (7.5 kW)	39	2.8	16197	1830	**BK70-../DPE13XA4**	45.59	2023	9000	8520	37900	525	238
10 HP (7.5 kW)	35.5	1.15	17701	2000	**BK60-../DPE13XA4**	50.40	2046	9100	6699	29800	351	159
10 HP (7.5 kW)	33	2.4	19029	2150	**BK70-../DPE13XA4**	54.15	2226	9900	9037	40200	525	238
10 HP (7.5 kW)	30	0.98	20799	2350	**BK60-../DPE13XA4**	58.95	2226	9900	7081	31500	351	159
10 HP (7.5 kW)	29	2.1	21684	2450	**BK70-../DPE13XA4**	61.60	2585	11500	9622	42800	525	238
10 HP (7.5 kW)	27	0.87	23454	2650	**BK60-../DPE13XA4**	65.95	2450	10900	7419	33000	351	159
10 HP (7.5 kW)	25.5	1.85	24782	2800	**BK70-../DPE13XA4**	70.23	2810	12500	10071	44800	525	238
10 HP (7.5 kW)	22.5	1.65	27880	3150	**BK70-../DPE13XA4**	79.89	3215	14300	10701	47600	525	238
10 HP (7.5 kW)	22.5	3.2	27880	3150	**BK80-../DPE13XA4**	79.22	3957	17600	16029	71300	776	352
10 HP (7.5 kW)	19.5	1.4	32305	3650	**BK70-../DPE13XA4**	90.96	3440	15300	11218	49900	525	238
10 HP (7.5 kW)	19.5	2.8	32305	3650	**BK80-../DPE13XA4**	91.53	4114	18300	16681	74200	776	352
10 HP (7.5 kW)	17.5	1.3	35846	4050	**BK70-../DPE13XA4**	103.5	3867	17200	11240	50000	525	238
10 HP (7.5 kW)	17.5	2.6	35846	4050	**BK80-../DPE13XA4**	102.5	4609	20500	16861	75000	776	352
10 HP (7.5 kW)	15.5	2.3	40713	4600	**BK80-../DPE13XA4**	117.5	5013	22300	16861	75000	776	352
10 HP (7.5 kW)	15	1.1	42041	4750	**BK70-../DPE13XA4**	120.2	4181	18600	11240	50000	525	238
10 HP (7.5 kW)	13.5	2.0	46909	5300	**BK80-../DPE13XA4**	131.6	5598	24900	16861	75000	776	352
10 HP (7.5 kW)	13.5	3.2	46909	5300	**BK90-../DPE13XA4**	130.9	9599	42700	26842	119400	1332	604
10 HP (7.5 kW)	13	0.95	48679	5500	**BK70-../DPE13XA4**	136.7	4654	20700	11240	50000	525	238
10 HP (7.5 kW)	12	1.8	52219	5900	**BK80-../DPE13XA4**	153.1	6115	27200	16861	75000	776	352
10 HP (7.5 kW)	12	2.8	52219	5900	**BK90-../DPE13XA4**	149.5	10251	45600	26977	120000	1332	604
10 HP (7.5 kW)	11.5	0.84	54875	6200	**BK70-../DPE13XA4**	154.4	4923	21900	11240	50000	525	238
10 HP (7.5 kW)	11	2.6	57530	6500	**BK90-../DPE13XA4**	167.2	11106	49400	26977	120000	1332	604
10 HP (7.5 kW)	10.5	1.55	60185	6800	**BK80-../DPE13XA4**	171.5	6744	30000	16861	75000	776	352
10 HP (7.5 kW)	10.5	2.7	60185	6800	**BK90Z-../DPE13XA4**	174.7	11106	49400	26977	120000	1455	660
10 HP (7.5 kW)	10	1.6	62840	7100	**BK80Z-../DPE13XA4**	177.6	6744	30000	16861	75000	871	395
10 HP (7.5 kW)	9.1	2.4	69036	7800	**BK90Z-../DPE13XA4**	195.4	11106	49400	26977	120000	1455	660
10 HP (7.5 kW)	8.9	1.45	70806	8000	**BK80Z-../DPE13XA4**	198.9	6744	30000	16861	75000	871	395
10 HP (7.5 kW)	7.9	1.3	79657	9000	**BK80Z-../DPE13XA4**	226.1	6744	30000	16861	75000	871	395
10 HP (7.5 kW)	7.6	1.95	83197	9400	**BK90Z-../DPE13XA4**	234.6	11106	49400	26977	120000	1455	660
10 HP (7.5 kW)	7.0	1.15	90278	10200	**BK80Z-../DPE13XA4**	253.3	6744	30000	16861	75000	871	395
10 HP (7.5 kW)	6.8	1.75	92933	10500	**BK90Z-../DPE13XA4**	262.5	11106	49400	26977	120000	1455	660
10 HP (7.5 kW)	6.0	1.55	105324	11900	**BK90Z-../DPE13XA4**	295.6	11106	49400	26977	120000	1455	660
10 HP (7.5 kW)	5.9	0.95	107094	12100	**BK80Z-../DPE13XA4**	300.6	6744	30000	16861	75000	871	395
10 HP (7.5 kW)	5.4	1.4	116830	13200	**BK90Z-../DPE13XA4**	330.7	11106	49400	26977	120000	1455	660
10 HP (7.5 kW)	5.3	0.85	119485	13500	**BK80Z-../DPE13XA4**	336.7	6744	30000	16861	75000	871	395
10 HP (7.5 kW)	4.6	1.2	137187	15500	**BK90Z-../DPE13XA4**	389.1	11106	49400	26977	120000	1455	660
10 HP (7.5 kW)	4.1	1.05	154003	17400	**BK90Z-../DPE13XA4**	435.3	11106	49400	26977	120000	1455	660

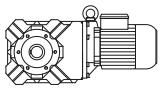
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

10 HP (7.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
10 HP (7.5 kW)	3.6	0.93	175245	19800	**BK90Z-../DPE13XA4**	499.2	11106	49400	26977	120000	1455	660
10 HP (7.5 kW)	3.2	0.83	197372	22300	**BK90Z-../DPE13XA4**	558.5	11106	49400	26977	120000	1455	660

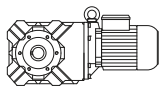
12.75 HP (9.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
12.75 HP (9.5 kW)	490	4.2	1505	170	**BK50-../DPE16LB4**	3.67	26	115	2113	9400	403	183
12.75 HP (9.5 kW)	340	3.3	2168	245	**BK50-../DPE16LB4**	5.26	29	130	2405	10700	403	183
12.75 HP (9.5 kW)	245	2.4	3009	340	**BK50-../DPE16LB4**	7.29	139	620	24954	111000	403	183
12.75 HP (9.5 kW)	183	2.1	3939	445	**BK50-../DPE16LB4**	9.73	1214	5400	3462	15400	403	183
12.75 HP (9.5 kW)	178	1.75	4116	465	**BK50-../DPE16LB4**	10.00	274	1220	2967	13200	403	183
12.75 HP (9.5 kW)	165	3.1	4779	540	**BK60-../DPE16LB4**	10.82	719	3200	3822	17000	430	195
12.75 HP (9.5 kW)	144	3.0	5576	630	**BK60-../DPE16LB4**	12.38	787	3500	3912	17400	430	195
12.75 HP (9.5 kW)	129	2.8	6196	700	**BK60-../DPE16LB4**	13.85	866	3850	4047	18000	430	195
12.75 HP (9.5 kW)	128	1.65	5576	630	**BK50-../DPE16LB4**	13.95	1371	6100	3912	17400	403	183
12.75 HP (9.5 kW)	124	2.6	6461	730	**BK60-../DPE16LB4**	14.41	821	3650	4181	18600	430	195
12.75 HP (9.5 kW)	118	1.5	6107	690	**BK50-../DPE16LB4**	15.19	1416	6300	4047	18000	403	183
12.75 HP (9.5 kW)	111	2.4	7169	810	**BK60-../DPE16LB4**	16.05	910	4050	4226	18800	430	195
12.75 HP (9.5 kW)	100	0.88	7258	820	**BK50-../DPE16LB4**	17.92	1034	4600	3777	16800	403	183
12.75 HP (9.5 kW)	97	2.3	8231	930	**BK60-../DPE16LB4**	18.36	899	4000	4474	19900	430	195
12.75 HP (9.5 kW)	93	1.2	7700	870	**BK50-../DPE16LB4**	19.33	1551	6900	4316	19200	403	183
12.75 HP (9.5 kW)	87	2.2	9205	1040	**BK60-../DPE16LB4**	20.54	989	4400	4631	20600	430	195
12.75 HP (9.5 kW)	73	1.85	10975	1240	**BK60-../DPE16LB4**	24.45	1090	4850	4946	22000	430	195
12.75 HP (9.5 kW)	68	0.88	10621	1200	**BK50-../DPE16LB4**	26.51	1754	7800	4766	21200	403	183
12.75 HP (9.5 kW)	66	1.7	12126	1370	**BK60-../DPE16LB4**	27.36	1259	5600	5216	23200	430	195
12.75 HP (9.5 kW)	58	2.9	13807	1560	**BK70-../DPE16LB4**	30.90	1686	7500	7554	33600	613	278
12.75 HP (9.5 kW)	53	1.35	15135	1710	**BK60-../DPE16LB4**	33.78	1461	6500	5665	25200	430	195
12.75 HP (9.5 kW)	51	2.7	15666	1770	**BK70-../DPE16LB4**	35.15	1798	8000	7868	35000	613	278
12.75 HP (9.5 kW)	47.5	1.2	16905	1910	**BK60-../DPE16LB4**	37.80	1641	7300	5957	26500	430	195
12.75 HP (9.5 kW)	44.5	2.4	17701	2000	**BK70-../DPE16LB4**	40.08	1866	8300	8161	36300	613	278
12.75 HP (9.5 kW)	40	1.0	19914	2250	**BK60-../DPE16LB4**	45.05	1843	8200	6362	28300	430	195
12.75 HP (9.5 kW)	39.5	2.3	19914	2250	**BK70-../DPE16LB4**	45.59	2023	9000	8520	37900	613	278
12.75 HP (9.5 kW)	35.5	0.9	22569	2550	**BK60-../DPE16LB4**	50.40	2046	9100	6699	29800	430	195
12.75 HP (9.5 kW)	33.5	3.3	23897	2700	**BK80-../DPE16LB4**	53.21	3327	14800	14185	63100	855	388
12.75 HP (9.5 kW)	33	1.95	23897	2700	**BK70-../DPE16LB4**	54.15	2226	9900	9037	40200	613	278
12.75 HP (9.5 kW)	30	3.1	26552	3000	**BK80-../DPE16LB4**	59.60	3530	15700	14725	65500	855	388
12.75 HP (9.5 kW)	29	1.7	27437	3100	**BK70-../DPE16LB4**	61.60	2585	11500	9622	42800	613	278
12.75 HP (9.5 kW)	25.5	1.45	31420	3550	**BK70-../DPE16LB4**	70.23	2810	12500	10071	44800	613	278
12.75 HP (9.5 kW)	25.5	2.7	31420	3550	**BK80-../DPE16LB4**	70.72	3732	16600	15444	68700	855	388
12.75 HP (9.5 kW)	22.5	1.3	35403	4000	**BK70-../DPE16LB4**	79.89	3215	14300	10701	47600	613	278
12.75 HP (9.5 kW)	22.5	2.5	35403	4000	**BK80-../DPE16LB4**	79.22	3957	17600	16029	71300	855	388
12.75 HP (9.5 kW)	20	1.15	39828	4500	**BK70-../DPE16LB4**	90.96	3440	15300	11218	49900	613	278
12.75 HP (9.5 kW)	19.5	2.2	41156	4650	**BK80-../DPE16LB4**	91.53	4114	18300	16681	74200	855	388
12.75 HP (9.5 kW)	17.5	1.0	45139	5100	**BK70-../DPE16LB4**	103.5	3867	17200	11240	50000	613	278
12.75 HP (9.5 kW)	17.5	2.1	45139	5100	**BK80-../DPE16LB4**	102.5	4609	20500	16861	75000	855	388
12.75 HP (9.5 kW)	17.5	3.3	45139	5100	**BK90-../DPE16LB4**	102.0	8228	36600	24055	107000	1413	641
12.75 HP (9.5 kW)	15.5	1.8	51334	5800	**BK80-../DPE16LB4**	117.5	5013	22300	16861	75000	855	388
12.75 HP (9.5 kW)	15.5	2.9	51334	5800	**BK90-../DPE16LB4**	117.0	8813	39200	25403	113000	1413	641
12.75 HP (9.5 kW)	15	0.87	53104	6000	**BK70-../DPE16LB4**	120.2	4181	18600	11240	50000	613	278
12.75 HP (9.5 kW)	14	1.65	56645	6400	**BK80-../DPE16LB4**	131.6	5598	24900	16861	75000	855	388
12.75 HP (9.5 kW)	14	2.6	56645	6400	**BK90-../DPE16LB4**	130.9	9599	42700	26842	119400	1413	641

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

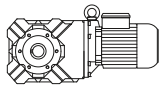
12.75 HP (9.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
12.75 HP (9.5 kW)	12	1.4	66381	7500	**BK80-../DPE16LB4**	153.1	6115	27200	16861	75000	855	388
12.75 HP (9.5 kW)	12	2.2	66381	7500	**BK90-../DPE16LB4**	149.5	10251	45600	26977	120000	1413	641
12.75 HP (9.5 kW)	11	2.0	72576	8200	**BK90-../DPE16LB4**	167.2	11106	49400	26977	120000	1413	641
12.75 HP (9.5 kW)	10.5	1.2	76116	8600	**BK80-../DPE16LB4**	171.5	6744	30000	16861	75000	855	388
12.75 HP (9.5 kW)	10.5	2.2	76116	8600	**BK90Z-../DPE16LB4**	174.7	11106	49400	26977	120000	1543	700
12.75 HP (9.5 kW)	9.2	1.9	86737	9800	**BK90Z-../DPE16LB4**	195.4	11106	49400	26977	120000	1543	700
12.75 HP (9.5 kW)	9.0	1.15	88507	10000	**BK80Z-../DPE16LB4**	198.9	6744	30000	16861	75000	950	431
12.75 HP (9.5 kW)	7.9	1.0	100899	11400	**BK80Z-../DPE16LB4**	226.1	6744	30000	16861	75000	950	431
12.75 HP (9.5 kW)	7.6	1.55	105324	11900	**BK90Z-../DPE16LB4**	234.6	11106	49400	26977	120000	1543	700
12.75 HP (9.5 kW)	7.1	0.91	112404	12700	**BK80Z-../DPE16LB4**	253.3	6744	30000	16861	75000	950	431
12.75 HP (9.5 kW)	6.8	1.4	117715	13300	**BK90Z-../DPE16LB4**	262.5	11106	49400	26977	120000	1543	700
12.75 HP (9.5 kW)	6.1	1.25	130991	14800	**BK90Z-../DPE16LB4**	295.6	11106	49400	26977	120000	1543	700
12.75 HP (9.5 kW)	5.4	1.1	148693	16800	**BK90Z-../DPE16LB4**	330.7	11106	49400	26977	120000	1543	700
12.75 HP (9.5 kW)	4.6	0.94	174360	19700	**BK90Z-../DPE16LB4**	389.1	11106	49400	26977	120000	1543	700
12.75 HP (9.5 kW)	4.1	0.84	195601	22100	**BK90Z-../DPE16LB4**	435.3	11106	49400	26977	120000	1543	700

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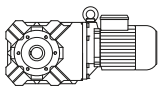
15 HP (11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
15 HP (11 kW)	490	3.6	1744	197	**BK50-../DPE16LB4**	3.67	26	115	2113	9400	403	183
15 HP (11 kW)	340	2.9	2478	280	**BK50-../DPE16LB4**	5.26	29	130	2405	10700	403	183
15 HP (11 kW)	245	2.1	3452	390	**BK50-../DPE16LB4**	7.29	139	620	24954	111000	403	183
15 HP (11 kW)	183	1.85	4514	510	**BK50-../DPE16LB4**	9.73	1214	5400	3462	15400	403	183
15 HP (11 kW)	178	1.5	4779	540	**BK50-../DPE16LB4**	10.00	274	1220	2967	13200	403	183
15 HP (11 kW)	165	2.7	5576	630	**BK60-../DPE16LB4**	10.82	719	3200	3822	17000	430	195
15 HP (11 kW)	144	2.6	6373	720	**BK60-../DPE16LB4**	12.38	787	3500	3912	17400	430	195
15 HP (11 kW)	129	2.4	7169	810	**BK60-../DPE16LB4**	13.85	866	3850	4047	18000	430	195
15 HP (11 kW)	128	1.45	6461	730	**BK50-../DPE16LB4**	13.95	1371	6100	3912	17400	403	183
15 HP (11 kW)	124	2.3	7435	840	**BK60-../DPE16LB4**	14.41	821	3650	4181	18600	430	195
15 HP (11 kW)	118	1.3	7081	800	**BK50-../DPE16LB4**	15.19	1416	6300	4047	18000	403	183
15 HP (11 kW)	111	2.1	8320	940	**BK60-../DPE16LB4**	16.05	910	4050	4226	18800	430	195
15 HP (11 kW)	97	2.0	9559	1080	**BK60-../DPE16LB4**	18.36	899	4000	4474	19900	430	195
15 HP (11 kW)	93	1.05	8939	1010	**BK50-../DPE16LB4**	19.33	1551	6900	4316	19200	403	183
15 HP (11 kW)	87	1.9	10621	1200	**BK60-../DPE16LB4**	20.54	989	4400	4631	20600	430	195
15 HP (11 kW)	82	3.2	11329	1280	**BK70-../DPE16LB4**	21.88	1461	6500	6789	30200	613	278
15 HP (11 kW)	73	1.6	12657	1430	**BK60-../DPE16LB4**	24.45	1090	4850	4946	22000	430	195
15 HP (11 kW)	72	2.9	12834	1450	**BK70-../DPE16LB4**	24.89	1574	7000	7081	31500	613	278
15 HP (11 kW)	66	1.45	14073	1590	**BK60-../DPE16LB4**	27.36	1259	5600	5216	23200	430	195
15 HP (11 kW)	58	2.5	16020	1810	**BK70-../DPE16LB4**	30.90	1686	7500	7554	33600	613	278
15 HP (11 kW)	53	1.15	17524	1980	**BK60-../DPE16LB4**	33.78	1461	6500	5665	25200	430	195
15 HP (11 kW)	51	2.3	18144	2050	**BK70-../DPE16LB4**	35.15	1798	8000	7868	35000	613	278
15 HP (11 kW)	47.5	1.05	19472	2200	**BK60-../DPE16LB4**	37.80	1641	7300	5957	26500	430	195
15 HP (11 kW)	44.5	2.1	20799	2350	**BK70-../DPE16LB4**	40.08	1866	8300	8161	36300	613	278
15 HP (11 kW)	40	0.88	23012	2600	**BK60-../DPE16LB4**	45.05	1843	8200	6362	28300	430	195
15 HP (11 kW)	39.5	1.95	23454	2650	**BK70-../DPE16LB4**	45.59	2023	9000	8520	37900	613	278
15 HP (11 kW)	38.5	3.2	23897	2700	**BK80-../DPE16LB4**	46.80	3215	14300	13691	60900	855	388
15 HP (11 kW)	33.5	2.9	27437	3100	**BK80-../DPE16LB4**	53.21	3327	14800	14185	63100	855	388
15 HP (11 kW)	33	1.65	27880	3150	**BK70-../DPE16LB4**	54.15	2226	9900	9037	40200	613	278
15 HP (11 kW)	30	2.6	30978	3500	**BK80-../DPE16LB4**	59.60	3530	15700	14725	65500	855	388
15 HP (11 kW)	29	1.45	31863	3600	**BK70-../DPE16LB4**	61.60	2585	11500	9622	42800	613	278
15 HP (11 kW)	25.5	1.25	36288	4100	**BK70-../DPE16LB4**	70.23	2810	12500	10071	44800	613	278

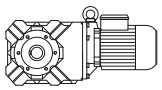
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

15 HP (11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
15 HP (11 kW)	25.5	2.3	36288	4100	**BK80-../DPE16LB4**	70.72	3732	16600	15444	68700	855	388
15 HP (11 kW)	22.5	1.1	41156	4650	**BK70-../DPE16LB4**	79.89	3215	14300	10701	47600	613	278
15 HP (11 kW)	22.5	2.2	41156	4650	**BK80-../DPE16LB4**	79.22	3957	17600	16029	71300	855	388
15 HP (11 kW)	20	1.0	46024	5200	**BK70-../DPE16LB4**	90.96	3440	15300	11218	49900	613	278
15 HP (11 kW)	20	3.2	46024	5200	**BK90-../DPE16LB4**	91.19	7486	33300	22706	101000	1413	641
15 HP (11 kW)	19.5	1.95	46909	5300	**BK80-../DPE16LB4**	91.53	4114	18300	16681	74200	855	388
15 HP (11 kW)	17.5	0.87	53104	6000	**BK70-../DPE16LB4**	103.5	3867	17200	11240	50000	613	278
15 HP (11 kW)	17.5	1.75	53104	6000	**BK80-../DPE16LB4**	102.5	4609	20500	16861	75000	855	388
15 HP (11 kW)	17.5	2.8	53104	6000	**BK90-../DPE16LB4**	102.0	8228	36600	24055	107000	1413	641
15 HP (11 kW)	15.5	1.55	59300	6700	**BK80-../DPE16LB4**	117.5	5013	22300	16861	75000	855	388
15 HP (11 kW)	15.5	2.5	59300	6700	**BK90-../DPE16LB4**	117.0	8813	39200	25403	113000	1413	641
15 HP (11 kW)	14	1.4	66381	7500	**BK80-../DPE16LB4**	131.6	5598	24900	16861	75000	855	388
15 HP (11 kW)	14	2.2	66381	7500	**BK90-../DPE16LB4**	130.9	9599	42700	26842	119400	1413	641
15 HP (11 kW)	12	1.2	77001	8700	**BK80-../DPE16LB4**	153.1	6115	27200	16861	75000	855	388
15 HP (11 kW)	12	1.95	77001	8700	**BK90-../DPE16LB4**	149.5	10251	45600	26977	120000	1413	641
15 HP (11 kW)	11	1.75	84082	9500	**BK90-../DPE16LB4**	167.2	11106	49400	26977	120000	1413	641
15 HP (11 kW)	10.5	1.05	88507	10000	**BK80-../DPE16LB4**	171.5	6744	30000	16861	75000	855	388
15 HP (11 kW)	10.5	1.85	88507	10000	**BK90Z-../DPE16LB4**	174.7	11106	49400	26977	120000	1543	700
15 HP (11 kW)	9.2	1.6	100899	11400	**BK90Z-../DPE16LB4**	195.4	11106	49400	26977	120000	1543	700
15 HP (11 kW)	9.0	0.99	102669	11600	**BK80Z-../DPE16LB4**	198.9	6744	30000	16861	75000	950	431
15 HP (11 kW)	7.9	0.87	116830	13200	**BK80Z-../DPE16LB4**	226.1	6744	30000	16861	75000	950	431
15 HP (11 kW)	7.6	1.35	122140	13800	**BK90Z-../DPE16LB4**	234.6	11106	49400	26977	120000	1543	700
15 HP (11 kW)	6.8	1.2	136301	15400	**BK90Z-../DPE16LB4**	262.5	11106	49400	26977	120000	1543	700
15 HP (11 kW)	6.1	1.1	152233	17200	**BK90Z-../DPE16LB4**	295.6	11106	49400	26977	120000	1543	700
15 HP (11 kW)	5.4	0.95	171704	19400	**BK90Z-../DPE16LB4**	330.7	11106	49400	26977	120000	1543	700
15 HP (11 kW)	4.6	0.81	201797	22800	**BK90Z-../DPE16LB4**	389.1	11106	49400	26977	120000	1543	700

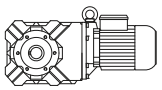
16.8 HP (12.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
16.8 HP (12.5 kW)	485	3.2	1991	225	**BK50-../DPE16LB4**	3.67	26	115	2113	9400	403	183
16.8 HP (12.5 kW)	340	2.5	2832	320	**BK50-../DPE16LB4**	5.26	29	130	2405	10700	403	183
16.8 HP (12.5 kW)	245	1.8	3939	445	**BK50-../DPE16LB4**	7.29	139	620	24954	111000	403	183
16.8 HP (12.5 kW)	245	3.0	4293	485	**BK60-../DPE16LB4**	7.29	629	2800	3350	14900	430	195
16.8 HP (12.5 kW)	182	1.6	5222	590	**BK50-../DPE16LB4**	9.73	1214	5400	3462	15400	403	183
16.8 HP (12.5 kW)	177	1.3	5487	620	**BK50-../DPE16LB4**	10.00	274	1220	2967	13200	403	183
16.8 HP (12.5 kW)	164	2.3	6373	720	**BK60-../DPE16LB4**	10.82	719	3200	3822	17000	430	195
16.8 HP (12.5 kW)	143	2.3	7346	830	**BK60-../DPE16LB4**	12.38	787	3500	3912	17400	430	195
16.8 HP (12.5 kW)	128	2.1	8231	930	**BK60-../DPE16LB4**	13.85	866	3850	4047	18000	430	195
16.8 HP (12.5 kW)	127	1.25	7435	840	**BK50-../DPE16LB4**	13.95	1371	6100	3912	17400	403	183
16.8 HP (12.5 kW)	123	2.0	8585	970	**BK60-../DPE16LB4**	14.41	821	3650	4181	18600	430	195
16.8 HP (12.5 kW)	117	1.15	8054	910	**BK50-../DPE16LB4**	15.19	1416	6300	4047	18000	403	183
16.8 HP (12.5 kW)	117	3.0	9028	1020	**BK70-../DPE16LB4**	15.16	1259	5600	5800	25800	613	278
16.8 HP (12.5 kW)	111	1.85	9470	1070	**BK60-../DPE16LB4**	16.05	910	4050	4226	18800	430	195
16.8 HP (12.5 kW)	103	3.0	10178	1150	**BK70-../DPE16LB4**	17.24	1461	6500	6564	29200	613	278
16.8 HP (12.5 kW)	97	1.75	10886	1230	**BK60-../DPE16LB4**	18.36	899	4000	4474	19900	430	195
16.8 HP (12.5 kW)	92	0.91	10267	1160	**BK50-../DPE16LB4**	19.33	1551	6900	4316	19200	403	183
16.8 HP (12.5 kW)	87	1.65	12126	1370	**BK60-../DPE16LB4**	20.54	989	4400	4631	20600	430	195
16.8 HP (12.5 kW)	81	2.8	13011	1470	**BK70-../DPE16LB4**	21.88	1461	6500	6789	30200	613	278
16.8 HP (12.5 kW)	73	1.4	14427	1630	**BK60-../DPE16LB4**	24.45	1090	4850	4946	22000	430	195
16.8 HP (12.5 kW)	72	2.6	14604	1650	**BK70-../DPE16LB4**	24.89	1574	7000	7081	31500	613	278

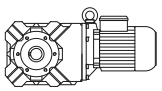
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

16.8 HP (12.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
16.8 HP (12.5 kW)	65	1.25	16197	1830	**BK60-../DPE16LB4**	27.36	1259	5600	5216	23200	430	195
16.8 HP (12.5 kW)	58	2.2	18144	2050	**BK70-../DPE16LB4**	30.90	1686	7500	7554	33600	613	278
16.8 HP (12.5 kW)	53	1.0	19914	2250	**BK60-../DPE16LB4**	33.78	1461	6500	5665	25200	430	195
16.8 HP (12.5 kW)	51	2.1	20357	2300	**BK70-../DPE16LB4**	35.15	1798	8000	7868	35000	613	278
16.8 HP (12.5 kW)	47	0.92	22127	2500	**BK60-../DPE16LB4**	37.80	1641	7300	5957	26500	430	195
16.8 HP (12.5 kW)	44.5	1.85	23454	2650	**BK70-../DPE16LB4**	40.08	1866	8300	8161	36300	613	278
16.8 HP (12.5 kW)	42.5	2.9	24782	2800	**BK80-../DPE16LB4**	41.78	3035	13500	13196	58700	855	388
16.8 HP (12.5 kW)	39	1.7	26995	3050	**BK70-../DPE16LB4**	45.59	2023	9000	8520	37900	613	278
16.8 HP (12.5 kW)	38	2.8	27437	3100	**BK80-../DPE16LB4**	46.80	3215	14300	13691	60900	855	388
16.8 HP (12.5 kW)	33.5	2.5	31420	3550	**BK80-../DPE16LB4**	53.21	3327	14800	14185	63100	855	388
16.8 HP (12.5 kW)	33	1.45	31863	3600	**BK70-../DPE16LB4**	54.15	2226	9900	9037	40200	613	278
16.8 HP (12.5 kW)	30	2.3	34960	3950	**BK80-../DPE16LB4**	59.60	3530	15700	14725	65500	855	388
16.8 HP (12.5 kW)	29	1.25	36288	4100	**BK70-../DPE16LB4**	61.60	2585	11500	9622	42800	613	278
16.8 HP (12.5 kW)	25.5	1.1	41156	4650	**BK70-../DPE16LB4**	70.23	2810	12500	10071	44800	613	278
16.8 HP (12.5 kW)	25.5	2.1	41156	4650	**BK80-../DPE16LB4**	70.72	3732	16600	15444	68700	855	388
16.8 HP (12.5 kW)	23	3.3	45139	5100	**BK90-../DPE16LB4**	77.51	6812	30300	21222	94400	1413	641
16.8 HP (12.5 kW)	22.5	0.98	46909	5300	**BK70-../DPE16LB4**	79.89	3215	14300	10701	47600	613	278
16.8 HP (12.5 kW)	22.5	1.9	46909	5300	**BK80-../DPE16LB4**	79.22	3957	17600	16029	71300	855	388
16.8 HP (12.5 kW)	19.5	0.85	53990	6100	**BK70-../DPE16LB4**	90.96	3440	15300	11218	49900	613	278
16.8 HP (12.5 kW)	19.5	1.7	53990	6100	**BK80-../DPE16LB4**	91.53	4114	18300	16681	74200	855	388
16.8 HP (12.5 kW)	19.5	2.8	53990	6100	**BK90-../DPE16LB4**	91.19	7486	33300	22706	101000	1413	641
16.8 HP (12.5 kW)	17.5	1.55	60185	6800	**BK80-../DPE16LB4**	102.5	4609	20500	16861	75000	855	388
16.8 HP (12.5 kW)	17.5	2.5	60185	6800	**BK90-../DPE16LB4**	102.0	8228	36600	24055	107000	1413	641
16.8 HP (12.5 kW)	15.5	1.35	68151	7700	**BK80-../DPE16LB4**	117.5	5013	22300	16861	75000	855	388
16.8 HP (12.5 kW)	15.5	2.2	68151	7700	**BK90-../DPE16LB4**	117.0	8813	39200	25403	113000	1413	641
16.8 HP (12.5 kW)	14	2.0	75231	8500	**BK90-../DPE16LB4**	130.9	9599	42700	26842	119400	1413	641
16.8 HP (12.5 kW)	13.5	1.2	77887	8800	**BK80-../DPE16LB4**	131.6	5598	24900	16861	75000	855	388
16.8 HP (12.5 kW)	12	1.05	87622	9900	**BK80-../DPE16LB4**	153.1	6115	27200	16861	75000	855	388
16.8 HP (12.5 kW)	12	1.7	87622	9900	**BK90-../DPE16LB4**	149.5	10251	45600	26977	120000	1413	641
16.8 HP (12.5 kW)	11	1.55	95588	10800	**BK90-../DPE16LB4**	167.2	11106	49400	26977	120000	1413	641
16.8 HP (12.5 kW)	10.5	0.93	100013	11300	**BK80-../DPE16LB4**	171.5	6744	30000	16861	75000	855	388
16.8 HP (12.5 kW)	10.5	1.65	100013	11300	**BK90Z-../DPE16LB4**	174.7	11106	49400	26977	120000	1543	700
16.8 HP (12.5 kW)	10	0.97	105324	11900	**BK80Z-../DPE16LB4**	177.6	6744	30000	16861	75000	950	431
16.8 HP (12.5 kW)	9.1	1.4	115945	13100	**BK90Z-../DPE16LB4**	195.4	11106	49400	26977	120000	1543	700
16.8 HP (12.5 kW)	8.9	0.86	118600	13400	**BK80Z-../DPE16LB4**	198.9	6744	30000	16861	75000	950	431
16.8 HP (12.5 kW)	7.6	1.2	138957	15700	**BK90Z-../DPE16LB4**	234.6	11106	49400	26977	120000	1543	700
16.8 HP (12.5 kW)	6.8	1.05	154888	17500	**BK90Z-../DPE16LB4**	262.5	11106	49400	26977	120000	1543	700
16.8 HP (12.5 kW)	6.0	0.93	175245	19800	**BK90Z-../DPE16LB4**	295.6	11106	49400	26977	120000	1543	700
16.8 HP (12.5 kW)	5.4	0.84	195601	22100	**BK90Z-../DPE16LB4**	330.7	11106	49400	26977	120000	1543	700

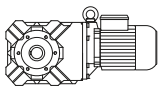
20 HP (15 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
20 HP (15 kW)	490	2.7	2345	265	**BK50-../DPE16XB4**	3.67	26	115	2113	9400	425	193
20 HP (15 kW)	340	2.1	3408	385	**BK50-../DPE16XB4**	5.26	29	130	2405	10700	425	193
20 HP (15 kW)	245	1.55	4691	530	**BK50-../DPE16XB4**	7.29	139	620	24954	111000	425	193
20 HP (15 kW)	245	2.5	5133	580	**BK60-../DPE16XB4**	7.29	629	2800	3350	14900	452	205
20 HP (15 kW)	183	1.35	6196	700	**BK50-../DPE16XB4**	9.73	1214	5400	3462	15400	425	193
20 HP (15 kW)	178	1.1	6550	740	**BK50-../DPE16XB4**	10.00	274	1220	2967	13200	425	193
20 HP (15 kW)	165	1.95	7612	860	**BK60-../DPE16XB4**	10.82	719	3200	3822	17000	452	205
20 HP (15 kW)	144	1.9	8762	990	**BK60-../DPE16XB4**	12.38	787	3500	3912	17400	452	205

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

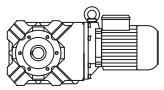
20 HP (15 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
20 HP (15 kW)	130	2.8	9736	1100	**BK70-../DPE16XB4**	13.70	1214	5400	5575	24800	635	288
20 HP (15 kW)	129	1.8	9824	1110	**BK60-../DPE16XB4**	13.85	866	3850	4047	18000	452	205
20 HP (15 kW)	128	1.05	8851	1000	**BK50-../DPE16XB4**	13.95	1371	6100	3912	17400	425	193
20 HP (15 kW)	124	1.7	10178	1150	**BK60-../DPE16XB4**	14.41	821	3650	4181	18600	452	205
20 HP (15 kW)	118	0.96	9647	1090	**BK50-../DPE16XB4**	15.19	1416	6300	4047	18000	425	193
20 HP (15 kW)	118	2.5	10709	1210	**BK70-../DPE16XB4**	15.16	1259	5600	5800	25800	635	288
20 HP (15 kW)	111	1.55	11417	1290	**BK60-../DPE16XB4**	16.05	910	4050	4226	18800	452	205
20 HP (15 kW)	104	2.6	12126	1370	**BK70-../DPE16XB4**	17.24	1461	6500	6564	29200	635	288
20 HP (15 kW)	97	1.5	13011	1470	**BK60-../DPE16XB4**	18.36	899	4000	4474	19900	452	205
20 HP (15 kW)	87	1.35	14515	1640	**BK60-../DPE16XB4**	20.54	989	4400	4631	20600	452	205
20 HP (15 kW)	82	2.3	15400	1740	**BK70-../DPE16XB4**	21.88	1461	6500	6789	30200	635	288
20 HP (15 kW)	73	1.15	17347	1960	**BK60-../DPE16XB4**	24.45	1090	4850	4946	22000	452	205
20 HP (15 kW)	72	2.2	17524	1980	**BK70-../DPE16XB4**	24.89	1574	7000	7081	31500	635	288
20 HP (15 kW)	66	1.05	19029	2150	**BK60-../DPE16XB4**	27.36	1259	5600	5216	23200	452	205
20 HP (15 kW)	59	3.1	21242	2400	**BK80-../DPE16XB4**	30.56	2675	11900	12005	53400	877	398
20 HP (15 kW)	58	1.85	21684	2450	**BK70-../DPE16XB4**	30.90	1686	7500	7554	33600	635	288
20 HP (15 kW)	53	0.85	23897	2700	**BK60-../DPE16XB4**	33.78	1461	6500	5665	25200	452	205
20 HP (15 kW)	53	2.9	23897	2700	**BK80-../DPE16XB4**	34.22	2833	12600	12454	55400	877	398
20 HP (15 kW)	51	1.7	24782	2800	**BK70-../DPE16XB4**	35.15	1798	8000	7868	35000	635	288
20 HP (15 kW)	44.5	1.5	28322	3200	**BK70-../DPE16XB4**	40.08	1866	8300	8161	36300	635	288
20 HP (15 kW)	43	2.5	29207	3300	**BK80-../DPE16XB4**	41.78	3035	13500	13196	58700	877	398
20 HP (15 kW)	39.5	1.4	31863	3600	**BK70-../DPE16XB4**	45.59	2023	9000	8520	37900	635	288
20 HP (15 kW)	38.5	2.3	32748	3700	**BK80-../DPE16XB4**	46.80	3215	14300	13691	60900	877	398
20 HP (15 kW)	33.5	2.1	37616	4250	**BK80-../DPE16XB4**	53.21	3327	14800	14185	63100	877	398
20 HP (15 kW)	33	1.2	38058	4300	**BK70-../DPE16XB4**	54.15	2226	9900	9037	40200	635	288
20 HP (15 kW)	30	1.95	42041	4750	**BK80-../DPE16XB4**	59.60	3530	15700	14725	65500	877	398
20 HP (15 kW)	29	1.05	43369	4900	**BK70-../DPE16XB4**	61.60	2585	11500	9622	42800	635	288
20 HP (15 kW)	26	3.1	48679	5500	**BK90-../DPE16XB4**	69.27	6115	27200	19986	88900	1435	651
20 HP (15 kW)	25.5	0.93	49564	5600	**BK70-../DPE16XB4**	70.23	2810	12500	10071	44800	635	288
20 HP (15 kW)	25.5	1.7	49564	5600	**BK80-../DPE16XB4**	70.72	3732	16600	15444	68700	877	398
20 HP (15 kW)	23	2.7	54875	6200	**BK90-../DPE16XB4**	77.51	6812	30300	21222	94400	1435	651
20 HP (15 kW)	22.5	0.83	55760	6300	**BK70-../DPE16XB4**	79.89	3215	14300	10701	47600	635	288
20 HP (15 kW)	22.5	1.6	55760	6300	**BK80-../DPE16XB4**	79.22	3957	17600	16029	71300	877	398
20 HP (15 kW)	20	2.4	62840	7100	**BK90-../DPE16XB4**	91.19	7486	33300	22706	101000	1435	651
20 HP (15 kW)	19.5	1.4	64610	7300	**BK80-../DPE16XB4**	91.53	4114	18300	16681	74200	877	398
20 HP (15 kW)	17.5	1.3	71691	8100	**BK80-../DPE16XB4**	102.5	4609	20500	16861	75000	877	398
20 HP (15 kW)	17.5	2.1	71691	8100	**BK90-../DPE16XB4**	102.0	8228	36600	24055	107000	1435	651
20 HP (15 kW)	15.5	1.15	81427	9200	**BK80-../DPE16XB4**	117.5	5013	22300	16861	75000	877	398
20 HP (15 kW)	15.5	1.85	81427	9200	**BK90-../DPE16XB4**	117.0	8813	39200	25403	113000	1435	651
20 HP (15 kW)	14	1.05	90278	10200	**BK80-../DPE16XB4**	131.6	5598	24900	16861	75000	877	398
20 HP (15 kW)	14	1.65	90278	10200	**BK90-../DPE16XB4**	130.9	9599	42700	26842	119400	1435	651
20 HP (15 kW)	12	0.88	105324	11900	**BK80-../DPE16XB4**	153.1	6115	27200	16861	75000	877	398
20 HP (15 kW)	12	1.4	105324	11900	**BK90-../DPE16XB4**	149.5	10251	45600	26977	120000	1435	651
20 HP (15 kW)	11	1.3	115060	13000	**BK90-../DPE16XB4**	167.2	11106	49400	26977	120000	1435	651
20 HP (15 kW)	10.5	0.85	120370	13600	**BK80Z-../DPE16XB4**	177.6	6744	30000	16861	75000	972	441
20 HP (15 kW)	10.5	1.35	120370	13600	**BK90Z-../DPE16XB4**	174.7	11106	49400	26977	120000	1565	710
20 HP (15 kW)	9.2	1.2	137187	15500	**BK90Z-../DPE16XB4**	195.4	11106	49400	26977	120000	1565	710
20 HP (15 kW)	7.6	0.98	166394	18800	**BK90Z-../DPE16XB4**	234.6	11106	49400	26977	120000	1565	710
20 HP (15 kW)	6.8	0.88	185866	21000	**BK90Z-../DPE16XB4**	262.5	11106	49400	26977	120000	1565	710

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

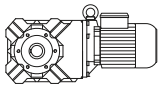
25 HP (18.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
25 HP (18.5 kW)	490	2.2	2921	330	**BK50-../DPE18LB4**	3.67	26	115	2113	9400	540	245
25 HP (18.5 kW)	340	1.7	4204	475	**BK50-../DPE18LB4**	5.26	29	130	2405	10700	540	245
25 HP (18.5 kW)	245	1.25	5841	660	**BK50-../DPE18LB4**	7.29	139	620	24954	111000	540	245
25 HP (18.5 kW)	245	2.0	6373	720	**BK60-../DPE18LB4**	7.29	629	2800	3350	14900	556	252
25 HP (18.5 kW)	178	0.89	8054	910	**BK50-../DPE18LB4**	10.00	274	1220	2967	13200	540	245
25 HP (18.5 kW)	165	1.55	9470	1070	**BK60-../DPE18LB4**	10.82	719	3200	3822	17000	556	252
25 HP (18.5 kW)	128	0.85	10975	1240	**BK50-../DPE18LB4**	13.95	1371	6100	3912	17400	540	245
25 HP (18.5 kW)	125	3.0	12480	1410	**BK80-../DPE18LB4**	14.34	1776	7900	8138	36200	977	443
25 HP (18.5 kW)	124	1.35	12568	1420	**BK60-../DPE18LB4**	14.41	821	3650	4181	18600	556	252
25 HP (18.5 kW)	118	2.0	13188	1490	**BK70-../DPE18LB4**	15.16	1259	5600	5800	25800	725	329
25 HP (18.5 kW)	113	3.1	13807	1560	**BK80-../DPE18LB4**	15.88	1888	8400	8678	38600	977	443
25 HP (18.5 kW)	104	2.1	14958	1690	**BK70-../DPE18LB4**	17.24	1461	6500	6564	29200	725	329
25 HP (18.5 kW)	101	3.0	15400	1740	**BK80-../DPE18LB4**	17.79	2113	9400	9464	42100	977	443
25 HP (18.5 kW)	97	1.2	16108	1820	**BK60-../DPE18LB4**	18.36	899	4000	4474	19900	556	252
25 HP (18.5 kW)	92	3.0	16993	1920	**BK80-../DPE18LB4**	19.35	2136	9500	9892	44000	977	443
25 HP (18.5 kW)	87	1.15	17701	2000	**BK60-../DPE18LB4**	20.54	989	4400	4631	20600	556	252
25 HP (18.5 kW)	82	1.9	19029	2150	**BK70-../DPE18LB4**	21.88	1461	6500	6789	30200	725	329
25 HP (18.5 kW)	81	3.2	19029	2150	**BK80-../DPE18LB4**	22.19	2360	10500	10903	48500	977	443
25 HP (18.5 kW)	73	0.96	21242	2400	**BK60-../DPE18LB4**	24.45	1090	4850	4946	22000	556	252
25 HP (18.5 kW)	72	1.75	21684	2450	**BK70-../DPE18LB4**	24.89	1574	7000	7081	31500	725	329
25 HP (18.5 kW)	72	2.9	21684	2450	**BK80-../DPE18LB4**	24.85	2518	11200	11330	50400	977	443
25 HP (18.5 kW)	66	0.87	23454	2650	**BK60-../DPE18LB4**	27.36	1259	5600	5216	23200	556	252
25 HP (18.5 kW)	59	2.5	26110	2950	**BK80-../DPE18LB4**	30.56	2675	11900	12005	53400	977	443
25 HP (18.5 kW)	58	1.5	26552	3000	**BK70-../DPE18LB4**	30.90	1686	7500	7554	33600	725	329
25 HP (18.5 kW)	53	2.4	29207	3300	**BK80-../DPE18LB4**	34.22	2833	12600	12454	55400	977	443
25 HP (18.5 kW)	51	1.35	30535	3450	**BK70-../DPE18LB4**	35.15	1798	8000	7868	35000	725	329
25 HP (18.5 kW)	44.5	1.25	34960	3950	**BK70-../DPE18LB4**	40.08	1866	8300	8161	36300	725	329
25 HP (18.5 kW)	43	2.0	36288	4100	**BK80-../DPE18LB4**	41.78	3035	13500	13196	58700	977	443
25 HP (18.5 kW)	39.5	1.15	39386	4450	**BK70-../DPE18LB4**	45.59	2023	9000	8520	37900	725	329
25 HP (18.5 kW)	38.5	1.9	40271	4550	**BK80-../DPE18LB4**	46.80	3215	14300	13691	60900	977	443
25 HP (18.5 kW)	33.5	1.7	46024	5200	**BK80-../DPE18LB4**	53.21	3327	14800	14185	63100	977	443
25 HP (18.5 kW)	33	0.98	46909	5300	**BK70-../DPE18LB4**	54.15	2226	9900	9037	40200	725	329
25 HP (18.5 kW)	32.5	3.0	47794	5400	**BK90-../DPE18LB4**	54.98	5395	24000	18210	81000	1539	698
25 HP (18.5 kW)	30	1.6	51334	5800	**BK80-../DPE18LB4**	59.60	3530	15700	14725	65500	977	443
25 HP (18.5 kW)	29	0.87	53104	6000	**BK70-../DPE18LB4**	61.60	2585	11500	9622	42800	725	329
25 HP (18.5 kW)	29	2.8	53104	6000	**BK90-../DPE18LB4**	61.52	5733	25500	19019	84600	1539	698
25 HP (18.5 kW)	26	2.5	59300	6700	**BK90-../DPE18LB4**	69.27	6115	27200	19986	88900	1539	698
25 HP (18.5 kW)	25.5	1.4	61070	6900	**BK80-../DPE18LB4**	70.72	3732	16600	15444	68700	977	443
25 HP (18.5 kW)	23	2.2	67266	7600	**BK90-../DPE18LB4**	77.51	6812	30300	21222	94400	1539	698
25 HP (18.5 kW)	22.5	1.3	69036	7800	**BK80-../DPE18LB4**	79.22	3957	17600	16029	71300	977	443
25 HP (18.5 kW)	20	1.9	77887	8800	**BK90-../DPE18LB4**	91.19	7486	33300	22706	101000	1539	698
25 HP (18.5 kW)	19.5	1.15	79657	9000	**BK80-../DPE18LB4**	91.53	4114	18300	16681	74200	977	443
25 HP (18.5 kW)	17.5	1.05	88507	10000	**BK80-../DPE18LB4**	102.5	4609	20500	16861	75000	977	443
25 HP (18.5 kW)	17.5	1.7	88507	10000	**BK90-../DPE18LB4**	102.0	8228	36600	24055	107000	1539	698
25 HP (18.5 kW)	15.5	0.93	100013	11300	**BK80-../DPE18LB4**	117.5	5013	22300	16861	75000	977	443
25 HP (18.5 kW)	15.5	1.5	100013	11300	**BK90-../DPE18LB4**	117.0	8813	39200	25403	113000	1539	698
25 HP (18.5 kW)	14	0.83	111519	12600	**BK80-../DPE18LB4**	131.6	5598	24900	16861	75000	977	443
25 HP (18.5 kW)	14	1.35	111519	12600	**BK90-../DPE18LB4**	130.9	9599	42700	26842	119400	1539	698
25 HP (18.5 kW)	12	1.15	130106	14700	**BK90-../DPE18LB4**	149.5	10251	45600	26977	120000	1539	698
25 HP (18.5 kW)	11	1.05	141612	16000	**BK90-../DPE18LB4**	167.2	11106	49400	26977	120000	1539	698
25 HP (18.5 kW)	10.5	1.1	148693	16800	**BK90Z-../DPE18LB4**	174.7	11106	49400	26977	120000	1656	751
25 HP (18.5 kW)	9.2	0.96	169934	19200	**BK90Z-../DPE18LB4**	195.4	11106	49400	26977	120000	1656	751
25 HP (18.5 kW)	7.6	0.8	205337	23200	**BK90Z-../DPE18LB4**	234.6	11106	49400	26977	120000	1656	751

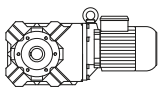
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

30 HP (22 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
30 HP (22 kW)	125	2.6	14869	1680	**BK80-../DPE18XB4**	14.34	1776	7900	8138	36200	1016	461
30 HP (22 kW)	118	1.7	15754	1780	**BK70-../DPE18XB4**	15.16	1259	5600	5800	25800	765	347
30 HP (22 kW)	113	2.6	16374	1850	**BK80-../DPE18XB4**	15.88	1888	8400	8678	38600	1016	461
30 HP (22 kW)	104	1.75	17701	2000	**BK70-../DPE18XB4**	17.24	1461	6500	6564	29200	765	347
30 HP (22 kW)	101	2.6	18144	2050	**BK80-../DPE18XB4**	17.79	2113	9400	9464	42100	1016	461
30 HP (22 kW)	92	2.6	19914	2250	**BK80-../DPE18XB4**	19.35	2136	9500	9892	44000	1016	461
30 HP (22 kW)	82	1.6	22569	2550	**BK70-../DPE18XB4**	21.88	1461	6500	6789	30200	765	347
30 HP (22 kW)	81	2.7	22569	2550	**BK80-../DPE18XB4**	22.19	2360	10500	10903	48500	1016	461
30 HP (22 kW)	72	1.45	25667	2900	**BK70-../DPE18XB4**	24.89	1574	7000	7081	31500	765	347
30 HP (22 kW)	72	2.4	25667	2900	**BK80-../DPE18XB4**	24.85	2518	11200	11330	50400	1016	461
30 HP (22 kW)	59	2.1	31420	3550	**BK80-../DPE18XB4**	30.56	2675	11900	12005	53400	1016	461
30 HP (22 kW)	58	1.25	31863	3600	**BK70-../DPE18XB4**	30.90	1686	7500	7554	33600	765	347
30 HP (22 kW)	53	2.0	34960	3950	**BK80-../DPE18XB4**	34.22	2833	12600	12454	55400	1016	461
30 HP (22 kW)	51	1.15	36288	4100	**BK70-../DPE18XB4**	35.15	1798	8000	7868	35000	765	347
30 HP (22 kW)	44.5	1.05	41599	4700	**BK70-../DPE18XB4**	40.08	1866	8300	8161	36300	765	347
30 HP (22 kW)	43.5	3.1	42484	4800	**BK90-../DPE18XB4**	40.94	4811	21400	16434	73100	1579	716
30 HP (22 kW)	43	1.7	42926	4850	**BK80-../DPE18XB4**	41.78	3035	13500	13196	58700	1016	461
30 HP (22 kW)	39.5	0.97	46909	5300	**BK70-../DPE18XB4**	45.59	2023	9000	8520	37900	765	347
30 HP (22 kW)	39	2.9	46909	5300	**BK90-../DPE18XB4**	45.80	5103	22700	17153	76300	1579	716
30 HP (22 kW)	38.5	1.6	47794	5400	**BK80-../DPE18XB4**	46.80	3215	14300	13691	60900	1016	461
30 HP (22 kW)	33.5	1.45	54875	6200	**BK80-../DPE18XB4**	53.21	3327	14800	14185	63100	1016	461
30 HP (22 kW)	33	0.83	55760	6300	**BK70-../DPE18XB4**	54.15	2226	9900	9037	40200	765	347
30 HP (22 kW)	32.5	2.5	56645	6400	**BK90-../DPE18XB4**	54.98	5395	24000	18210	81000	1579	716
30 HP (22 kW)	30	1.3	61955	7000	**BK80-../DPE18XB4**	59.60	3530	15700	14725	65500	1016	461
30 HP (22 kW)	29	2.3	63725	7200	**BK90-../DPE18XB4**	61.52	5733	25500	19019	84600	1579	716
30 HP (22 kW)	26	2.1	70806	8000	**BK90-../DPE18XB4**	69.27	6115	27200	19986	88900	1579	716
30 HP (22 kW)	25.5	1.15	72576	8200	**BK80-../DPE18XB4**	70.72	3732	16600	15444	68700	1016	461
30 HP (22 kW)	23	1.85	80542	9100	**BK90-../DPE18XB4**	77.51	6812	30300	21222	94400	1579	716
30 HP (22 kW)	22.5	1.1	82312	9300	**BK80-../DPE18XB4**	79.22	3957	17600	16029	71300	1016	461
30 HP (22 kW)	20	1.6	92933	10500	**BK90-../DPE18XB4**	91.19	7486	33300	22706	101000	1579	716
30 HP (22 kW)	19.5	0.97	94703	10700	**BK80-../DPE18XB4**	91.53	4114	18300	16681	74200	1016	461
30 HP (22 kW)	17.5	0.88	106209	12000	**BK80-../DPE18XB4**	102.5	4609	20500	16861	75000	1016	461
30 HP (22 kW)	17.5	1.4	106209	12000	**BK90-../DPE18XB4**	102.0	8228	36600	24055	107000	1579	716
30 HP (22 kW)	15.5	1.25	119485	13500	**BK90-../DPE18XB4**	117.0	8813	39200	25403	113000	1579	716
30 HP (22 kW)	14	1.1	132761	15000	**BK90-../DPE18XB4**	130.9	9599	42700	26842	119400	1579	716
30 HP (22 kW)	12	0.96	154888	17500	**BK90-../DPE18XB4**	149.5	10251	45600	26977	120000	1579	716
30 HP (22 kW)	11	0.88	169049	19100	**BK90-../DPE18XB4**	167.2	11106	49400	26977	120000	1579	716
30 HP (22 kW)	10.5	0.93	177015	20000	**BK90Z-../DPE18XB4**	174.7	11106	49400	26977	120000	1695	769
30 HP (22 kW)	9.2	0.81	201797	22800	**BK90Z-../DPE18XB4**	195.4	11106	49400	26977	120000	1695	769

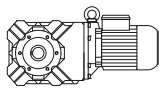
40 HP (30 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
40 HP (30 kW)	125	1.9	19914	2250	**BK80-../DPE20XA4**	14.34	1776	7900	8138	36200	1354	614
40 HP (30 kW)	118	1.25	21242	2400	**BK70-../DPE20XA4**	15.16	1259	5600	5800	25800	1107	502
40 HP (30 kW)	113	1.9	22127	2500	**BK80-../DPE20XA4**	15.88	1888	8400	8678	38600	1354	614
40 HP (30 kW)	104	1.25	24340	2750	**BK70-../DPE20XA4**	17.24	1461	6500	6564	29200	1107	502
40 HP (30 kW)	101	1.9	24782	2800	**BK80-../DPE20XA4**	17.79	2113	9400	9464	42100	1354	614
40 HP (30 kW)	93	1.9	26995	3050	**BK80-../DPE20XA4**	19.35	2136	9500	9892	44000	1354	614
40 HP (30 kW)	82	1.2	30535	3450	**BK70-../DPE20XA4**	21.88	1461	6500	6789	30200	1107	502
40 HP (30 kW)	81	1.95	30978	3500	**BK80-../DPE20XA4**	22.19	2360	10500	10903	48500	1354	614

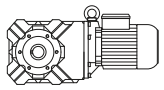
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

40 HP (30 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
40 HP (30 kW)	72	1.1	34960	3950	**BK70-../DPE20XA4**	24.89	1574	7000	7081	31500	1107	502
40 HP (30 kW)	72	1.8	34960	3950	**BK80-../DPE20XA4**	24.85	2518	11200	11330	50400	1354	614
40 HP (30 kW)	72	3.3	34960	3950	**BK90-../DPE20XA4**	24.94	4047	18000	13871	61700	1916	869
40 HP (30 kW)	59	1.55	42926	4850	**BK80-../DPE20XA4**	30.56	2675	11900	12005	53400	1354	614
40 HP (30 kW)	59	2.8	42926	4850	**BK90-../DPE20XA4**	30.47	4294	19100	14815	65900	1916	869
40 HP (30 kW)	58	0.92	43369	4900	**BK70-../DPE20XA4**	30.90	1686	7500	7554	33600	1107	502
40 HP (30 kW)	53	1.45	47794	5400	**BK80-../DPE20XA4**	34.22	2833	12600	12454	55400	1354	614
40 HP (30 kW)	53	2.6	47794	5400	**BK90-../DPE20XA4**	34.09	4564	20300	15467	68800	1916	869
40 HP (30 kW)	51	0.85	49564	5600	**BK70-../DPE20XA4**	35.15	1798	8000	7868	35000	1107	502
40 HP (30 kW)	44	2.3	57530	6500	**BK90-../DPE20XA4**	40.94	4811	21400	16434	73100	1916	869
40 HP (30 kW)	43	1.25	58415	6600	**BK80-../DPE20XA4**	41.78	3035	13500	13196	58700	1354	614
40 HP (30 kW)	39	2.1	64610	7300	**BK90-../DPE20XA4**	45.80	5103	22700	17153	76300	1916	869
40 HP (30 kW)	38.5	1.15	65496	7400	**BK80-../DPE20XA4**	46.80	3215	14300	13691	60900	1354	614
40 HP (30 kW)	34	1.05	74346	8400	**BK80-../DPE20XA4**	53.21	3327	14800	14185	63100	1354	614
40 HP (30 kW)	32.5	1.85	77887	8800	**BK90-../DPE20XA4**	54.98	5395	24000	18210	81000	1916	869
40 HP (30 kW)	30	0.97	84082	9500	**BK80-../DPE20XA4**	59.60	3530	15700	14725	65500	1354	614
40 HP (30 kW)	29.5	1.75	85852	9700	**BK90-../DPE20XA4**	61.52	5733	25500	19019	84600	1916	869
40 HP (30 kW)	26	1.55	97358	11000	**BK90-../DPE20XA4**	69.27	6115	27200	19986	88900	1916	869
40 HP (30 kW)	25.5	0.86	99128	11200	**BK80-../DPE20XA4**	70.72	3732	16600	15444	68700	1354	614
40 HP (30 kW)	23.5	1.4	107094	12100	**BK90-../DPE20XA4**	77.51	6812	30300	21222	94400	1916	869
40 HP (30 kW)	23	0.81	109749	12400	**BK80-../DPE20XA4**	79.22	3957	17600	16029	71300	1354	614
40 HP (30 kW)	20	1.15	126566	14300	**BK90-../DPE20XA4**	91.19	7486	33300	22706	101000	1916	869
40 HP (30 kW)	17.5	1.05	144267	16300	**BK90-../DPE20XA4**	102.0	8228	36600	24055	107000	1916	869
40 HP (30 kW)	15.5	0.91	162854	18400	**BK90-../DPE20XA4**	117.0	8813	39200	25403	113000	1916	869
40 HP (30 kW)	14	0.82	180555	20400	**BK90-../DPE20XA4**	130.9	9599	42700	26842	119400	1916	869

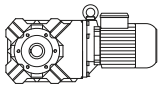
50 HP (37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
50 HP (37 kW)	125	1.55	24782	2800	**BK80-../DPE22MA4**	14.34	1776	7900	8138	36200	1477	670
50 HP (37 kW)	123	3.2	25225	2850	**BK90-../DPE22MA4**	14.49	3260	14500	11330	50400	2039	925
50 HP (37 kW)	118	1.05	26110	2950	**BK70-../DPE22MA4**	15.16	1259	5600	5800	25800	1230	558
50 HP (37 kW)	113	1.55	27437	3100	**BK80-../DPE22MA4**	15.88	1888	8400	8678	38600	1477	670
50 HP (37 kW)	110	3.2	28322	3200	**BK90-../DPE22MA4**	16.21	3462	15400	11780	52400	2039	925
50 HP (37 kW)	104	1.05	29650	3350	**BK70-../DPE22MA4**	17.24	1461	6500	6564	29200	1230	558
50 HP (37 kW)	101	1.5	30535	3450	**BK80-../DPE22MA4**	17.79	2113	9400	9464	42100	1477	670
50 HP (37 kW)	99	3.2	31420	3550	**BK90-../DPE22MA4**	18.07	3507	15600	12230	54400	2039	925
50 HP (37 kW)	92	1.5	33633	3800	**BK80-../DPE22MA4**	19.35	2136	9500	9892	44000	1477	670
50 HP (37 kW)	89	3.0	34960	3950	**BK90-../DPE22MA4**	20.21	3732	16600	12747	56700	2039	925
50 HP (37 kW)	81	1.55	38501	4350	**BK80-../DPE22MA4**	22.19	2360	10500	10903	48500	1477	670
50 HP (37 kW)	80	2.8	38943	4400	**BK90-../DPE22MA4**	22.29	3799	16900	13286	59100	2039	925
50 HP (37 kW)	72	1.45	43369	4900	**BK80-../DPE22MA4**	24.85	2518	11200	11330	50400	1477	670
50 HP (37 kW)	72	2.6	43369	4900	**BK90-../DPE22MA4**	24.94	4047	18000	13871	61700	2039	925
50 HP (37 kW)	59	1.25	52219	5900	**BK80-../DPE22MA4**	30.56	2675	11900	12005	53400	1477	670
50 HP (37 kW)	59	2.3	52219	5900	**BK90-../DPE22MA4**	30.47	4294	19100	14815	65900	2039	925
50 HP (37 kW)	53	1.2	58415	6600	**BK80-../DPE22MA4**	34.22	2833	12600	12454	55400	1477	670
50 HP (37 kW)	53	2.1	58415	6600	**BK90-../DPE22MA4**	34.09	4564	20300	15467	68800	2039	925
50 HP (37 kW)	43.5	1.85	71691	8100	**BK90-../DPE22MA4**	40.94	4811	21400	16434	73100	2039	925
50 HP (37 kW)	43	1.0	72576	8200	**BK80-../DPE22MA4**	41.78	3035	13500	13196	58700	1477	670
50 HP (37 kW)	39	1.7	79657	9000	**BK90-../DPE22MA4**	45.80	5103	22700	17153	76300	2039	925
50 HP (37 kW)	32.5	1.5	95588	10800	**BK90-../DPE22MA4**	54.98	5395	24000	18210	81000	2039	925

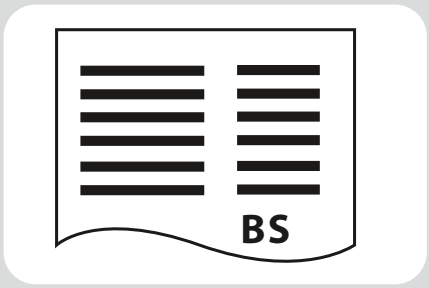
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

50 HP (37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
50 HP (37 kW)	29	1.4	107094	12100	**BK90-../DPE22MA4**	61.52	5733	25500	19019	84600	2039	925
50 HP (37 kW)	26	1.25	119485	13500	**BK90-../DPE22MA4**	69.27	6115	27200	19986	88900	2039	925
50 HP (37 kW)	23	1.1	135416	15300	**BK90-../DPE22MA4**	77.51	6812	30300	21222	94400	2039	925

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.



9

BS-series worm-geared motors - Selection

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Sizes

Bauer BS-series worm-geared motors are normally supplied in eight frame sizes and with torques of 25 to 1,000 Nm. Higher torques are available on request. The gear unit is accommodated in a sturdy cast housing.

Efficiency

The efficiency of worm-geared motors depends on numerous factors, including lubrication, extent of wear, temperature and vibration. Calculated efficiency, therefore, is merely a guideline value. Please consult BAUER and state the boundary conditions if efficiency or self-locking capability are important factors for your application.

Bauer service factors (f_B) for worm-geared motors

Worm gears transmit torque by sliding friction only, which means that losses and temperature are inevitably higher than with helical-gear arrangements.

Of the numerous factors influencing the total loading of a worm-gear unit, the most important include:

- Mean torque (rated torque)
- Daily operating hours
- Severity of torque peaks (shock classification)
- Frequency of torque peaks (switching duty)
- Ambient temperature

These factors can be represented in a simplified and practical manner by **service factors**. The tables and explanations below attempt to provide an objective description of the **shock classification**, rather than a classification of the driven machinery. Experience has shown that, in addition to the torque shocks caused by the driven machinery (M_x/M_N), above all the power transmission components (clutches, chains etc.) plus the mass ratios play a decisive role in this.

See Bauer special imprint SD32 for more information.

Continuous operation without switching frequency Z ≤1/h

Factor f_1 for shock classification and operating time

Shock classification	Operating hours per day t_d ≤10 min	≤1 h	>1 h	>4 h	>8 h	>16 h
			≤4 h	≤8 h	≤16 h	≤24 h
I	0.7	0.8	0.9	1.0	1.25	1.4
II	0.9	1.0	1.12	1.25	1.6	1.8
III	1.25	1.4	1.6	1.8	2.2	2.5

Description of worm-gear units

Switching duty

Factor f_2 or shock classification and switching frequency

Switching frequency in single- shift operation $t_d \leq 8$ h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	1.25	1.4	1.6
II	1.6	1.8	2.0
III	1.8	2.0	2.2

Switching frequency in multiple- shift operation $t_d > 8$ h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	1.4	1.6	1.8
II	1.8	2.0	2.2
III	2.0	2.2	2.5

Ambient temperature

Factor f_3 for increased ambient temperature

AT	-10°C .. +25°C	>25°C	>30°C	>35°C	>40°C	>45°C	>50°C	>55°C
	no Factor	1.1	1.2	1.3	1.4	1.5	1.6	Enquiry

Bauer service factor

Bauer service factor f_B = maximum value f_1, f_2, f_3 (at daily operating hours > 1h)

For example: Shock classification II for Z = 100 switching operations per hour and multiple-shift operation yields a service factor $f_B = f_2 = 1.8$

Explanation of shock classification

Shock classification I:
Uniform without shock loads. All the following requirements must be satisfied:
- FI ≤1.3
- $M_x/M_N \leq 1.0$
- Shock-absorbing power transmission components (e.g. highly resilient, zero-play coupling, ϕ N ≥5°)

Shock classification II:
Moderate shock loads. At least one of the following conditions applies:
- 1.3 <FI ≤2
- $1 \leq M_x/M_N \leq 1.4$
- Shock-neutral power transmission components (e.g. gear wheels, zero- playrigid coupling or resilient coupling with ϕ N <5 °)

Shock classification III:
Heavy shock loads. At least one of the following conditions applies:
- FI >2
- $1.4 < M_x/M_N \leq 2.0$
- Shock-amplifying power transmission components (e.g. coupling with play or chain drive)

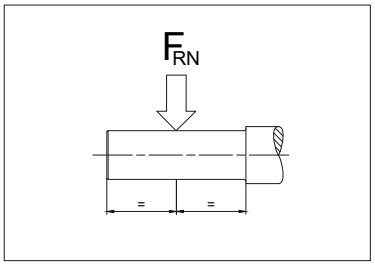
Key to abbreviations

Z	Switching duty number of switching operations per hour
t_d	Daily operating time in hours (h/d)
FI	Factor of inertia FI = $(J_{ext} + J_{rot})/J_{rot}$
J_{ext}	Mass moment of inertia of the machine to be driven, in relation to the motor's rotor shaft (kgm^2)
J_{rot}	Mass moment of inertia of the motor rotor (kgm^2)
M_x	Highest impact torque above the static torque which can occur during normal operation or in emergency situations
M_N	Required static load torque for the application
M_x/M_N	Relative torque - Factor
ϕ_N	Torsional offset of the resilient coupling under rated torque
UT	Ambient temperature (°C)

Selection tables, worm-geared motors

Key to abbreviations

P	Rated output
n_2	Rated speed of the output shaft
i	Gear reduction ratio
M_2	Rated torque at the output shaft
f_B	Bauer Service factor
F_{RN}	Maximum permissible radial force with standard solid shaft (Code -.1 und -.2)



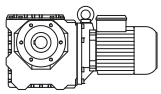
Use the selection tables to determine the size of geared motor required. The codes clearly define the Type of gear unit and output shaft (see chapter 13 “dimensional drawings worm-geared motors”).

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

Motor power overload protection152

Motor-power ratings, particularly in conjunction with four-stage and multi-stage gear units, are more than ample in some instances. Consequently, and in much the same way as with low-power motors, rated current is not a measure of gear loading and cannot be used to protect the gear unit against overloading. It is advisable to provide gears at risk from excessive load or blockage with a protective mechanism (e. g., slip clutch, slip hub, shear pin or an alternative).

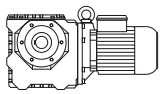
0.075 HP (0.055 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.075 HP (0.055 kW)	152	8.9	25	2.8	**BS02-../D04LA4**	10.67	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	120	7.4	30	3.4	**BS02-../D04LA4**	13.50	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	90	5.8	38	4.3	**BS02-../D04LA4**	18.00	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	74	5.1	44	4.95	**BS02-../D04LA4**	22.00	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	60	4.5	49	5.5	**BS02-../D04LA4**	27.00	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	49.5	4.0	56	6.3	**BS02-../D04LA4**	33.00	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	38	2.8	75	8.5	**BS02-../D04LA4**	43.00	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	30	2.2	88	9.9	**BS02-../D04LA4**	54.00	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	26.5	2.9	117	13.2	**BS04-../D04LA4**	61.50	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	25.5	2.8	114	12.9	**BS04-../D04LA4**	64.06	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	23.5	1.75	100	11.3	**BS02-../D04LA4**	70.00	281	1250	-	-	8	3.5
0.075 HP (0.055 kW)	23	2.5	133	15	**BS04-../D04LA4**	71.18	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	21.5	2.6	132	14.9	**BS04-../D04LA4**	77.00	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	17.5	2.1	157	17.7	**BS04-../D04LA4**	93.92	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	16	1.8	186	21	**BS04-../D04LA4**	102.9	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	13.5	1.65	217	24.5	**BS04-../D04LA4**	123.0	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	12	1.55	239	27	**BS04-../D04LA4**	138.4	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	11	1.5	230	26	**BS04-../D04LA4**	150.3	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	10.5	1.2	270	30.5	**BS04-../D04LA4**	160.1	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	9.4	1.35	266	30	**BS04-../D04LA4**	174.0	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	9.4	2.9	296	33.5	**BS06-../D04LA4**	174.0	787	3500	-	-	19	8.4
0.075 HP (0.055 kW)	7.4	1.05	332	37.5	**BS04-../D04LA4**	220.0	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	7.4	2.4	367	41.5	**BS06-../D04LA4**	220.0	787	3500	-	-	19	8.4
0.075 HP (0.055 kW)	6.5	0.98	372	42	**BS04-../D04LA4**	251.6	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	6.5	2.1	412	46.5	**BS06-../D04LA4**	252.0	787	3500	-	-	19	8.4
0.075 HP (0.055 kW)	5.4	0.87	438	49.5	**BS04-../D04LA4**	300.7	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	5.4	3.2	531	60	**BS10Z-../D04LA4**	302.5	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	5.2	1.85	504	57	**BS06-../D04LA4**	315.3	787	3500	-	-	19	8.4
0.075 HP (0.055 kW)	4.8	0.81	478	54	**BS04-../D04LA4**	338.3	506	2250	-	-	9	3.9
0.075 HP (0.055 kW)	4.6	1.75	558	63	**BS06-../D04LA4**	358.9	787	3500	-	-	19	8.4
0.075 HP (0.055 kW)	4.5	2.6	637	72	**BS10Z-../D04LA4**	360.3	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	4.3	1.1	761	86	**BS06G04-../D04LA4**	381.5	787	3500	-	-	24	11
0.075 HP (0.055 kW)	3.9	1.5	655	74	**BS06-../D04LA4**	418.0	787	3500	-	-	19	8.4
0.075 HP (0.055 kW)	3.8	2.3	743	84	**BS10Z-../D04LA4**	432.4	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	3.5	0.89	938	106	**BS06G04-../D04LA4**	474.8	787	3500	-	-	24	11
0.075 HP (0.055 kW)	3.0	0.83	1062	120	**BS06G04-../D04LA4**	552.6	787	3500	-	-	24	11
0.075 HP (0.055 kW)	3.0	1.85	912	103	**BS10Z-../D04LA4**	544.8	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	2.7	1.0	832*	94*	**BS06G04-../D04LA4**	610.7	787	3500	-	-	24	11
0.075 HP (0.055 kW)	2.7	3.1	929	105	**BS20Z-../D04LA4**	619.2	1798	8000	-	-	71	32
0.075 HP (0.055 kW)	2.6	1.7	1000	113	**BS10Z-../D04LA4**	638.7	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	2.3	1.0	832*	94*	**BS06G04-../D04LA4**	704.7	787	3500	-	-	24	11
0.075 HP (0.055 kW)	2.2	2.4	1133	128	**BS20Z-../D04LA4**	763.4	1798	8000	-	-	71	32
0.075 HP (0.055 kW)	2.1	1.35	1195	135	**BS10Z-../D04LA4**	788.7	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	2.0	1.0	832*	94*	**BS06G04-../D04LA4**	847.0	787	3500	-	-	24	11
0.075 HP (0.055 kW)	2.0	1.55	1531	173	**BS20G06-../D04LA4**	831.7	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	1.8	1.0	832*	94*	**BS06G04-../D04LA4**	939.6	787	3500	-	-	24	11
0.075 HP (0.055 kW)	1.8	1.05	1363	154	**BS10Z-../D04LA4**	905.6	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	1.7	0.81	1744	197	**BS10G06-../D04LA4**	969.9	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	1.7	1.35	1770	200	**BS20G06-../D04LA4**	1000	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	1.6	2.2	1991	225	**BS30G06-../D04LA4**	1022	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	1.4	1.0	832*	94*	**BS06G04-../D04LA4**	1170	787	3500	-	-	24	11
0.075 HP (0.055 kW)	1.4	1.0	1416*	160*	**BS10G06-../D04LA4**	1166	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	1.4	1.9	2257	255	**BS30G06-../D04LA4**	1176	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	1.3	1.0	1416*	160*	**BS10G06-../D04LA4**	1342	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	1.3	1.0	2345	265	**BS20G06-../D04LA4**	1311	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	1.2	1.65	2655	300	**BS30G06-../D04LA4**	1461	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	1.1	1.0	832*	94*	**BS06G04-../D04LA4**	1503	787	3500	-	-	24	11
0.075 HP (0.055 kW)	1.1	1.0	1416*	160*	**BS10G06-../D04LA4**	1528	1349	6000	-	-	55	25

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

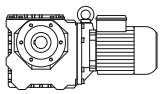
0.075 HP (0.055 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.075 HP (0.055 kW)	1.1	0.86	2788	315	**BS20G06-../D04LA4**	1543	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	1.1	1.5	2876	325	**BS30G06-../D04LA4**	1576	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	1.0	1.0	832*	94*	**BS06G04-../D04LA4**	1654	787	3500	-	-	24	11
0.075 HP (0.055 kW)	1.0	1.0	1416*	160*	**BS10G06-../D04LA4**	1668	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	1.0	1.0	2390*	270*	**BS20G06-../D04LA4**	1683	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.9	1.25	3540	400	**BS30G06-../D04LA4**	1886	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.85	1.0	832*	94*	**BS06G04-../D04LA4**	1914	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.85	1.0	1416*	160*	**BS10G06-../D04LA4**	1963	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.85	1.0	2390*	270*	**BS20G06-../D04LA4**	2014	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.75	1.0	832*	94*	**BS06G04-../D04LA4**	2200	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.75	1.0	4248	480	**BS30G06-../D04LA4**	2308	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.7	1.0	1416*	160*	**BS10G06-../D04LA4**	2348	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.7	1.0	2390*	270*	**BS20G06-../D04LA4**	2465	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.65	1.0	1416*	160*	**BS10G06-../D04LA4**	2635	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.65	1.0	4337*	490*	**BS30G06-../D04LA4**	2518	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.6	1.0	832*	94*	**BS06G04-../D04LA4**	2768	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.6	1.0	1416*	160*	**BS10G06-../D04LA4**	2875	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.6	1.0	2390*	270*	**BS20G06-../D04LA4**	2857	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.6	1.0	4337*	490*	**BS30G06-../D04LA4**	2919	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.55	1.0	832*	94*	**BS06G04-../D04LA4**	3007	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.55	1.0	2390*	270*	**BS20G06-../D04LA4**	3117	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.49	1.0	832*	94*	**BS06G04-../D04LA4**	3308	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.49	1.0	1416*	160*	**BS10G06-../D04LA4**	3332	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.49	1.0	4337*	490*	**BS30G06-../D04LA4**	3344	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.46	1.0	2390*	270*	**BS20G06-../D04LA4**	3570	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.45	1.0	1416*	160*	**BS10G06-../D04LA4**	3635	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.45	1.0	4337*	490*	**BS30G06-../D04LA4**	3647	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.44	1.0	832*	94*	**BS06G04-../D04LA4**	3721	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.4	1.0	2390*	270*	**BS20G06-../D04LA4**	4096	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.39	1.0	1416*	160*	**BS10G06-../D04LA4**	4163	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.39	1.0	4337*	490*	**BS30G06-../D04LA4**	4184	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.38	1.0	832*	94*	**BS06G04-../D04LA4**	4304	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.34	1.0	1416*	160*	**BS10G06-../D04LA4**	4776	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.34	1.0	4514*	510*	**BS30G06-../D04LA4**	4905	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.33	1.0	867*	98*	**BS06G04-../D04LA4**	4947	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.33	1.0	2390*	270*	**BS20G06-../D04LA4**	4910	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.32	1.0	1416*	160*	**BS10G06-../D04LA4**	5209	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.3	1.0	867*	98*	**BS06G04-../D04LA4**	5442	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.29	1.0	4602*	520*	**BS30G06-../D04LA4**	5783	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.28	1.0	2390*	270*	**BS20G06-../D04LA4**	5880	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.27	1.0	1452*	164*	**BS10G06-../D04LA4**	6019	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.26	1.0	885*	100*	**BS06G04-../D04LA4**	6234	787	3500	-	-	24	11
0.075 HP (0.055 kW)	0.26	1.0	4602*	520*	**BS30G06-../D04LA4**	6308	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.25	1.0	1452*	164*	**BS10G06-../D04LA4**	6565	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.23	1.0	2434*	275*	**BS20G06-../D04LA4**	7363	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.23	1.0	4602*	520*	**BS30G06-../D04LA4**	7179	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.22	1.0	1452*	164*	**BS10G06-../D04LA4**	7471	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.21	1.0	2434*	275*	**BS20G06-../D04LA4**	8031	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.2	1.0	4602*	520*	**BS30G06-../D04LA4**	8362	2248	10000	-	-	117	53
0.075 HP (0.055 kW)	0.19	1.0	1452*	164*	**BS10G06-../D04LA4**	8703	1349	6000	-	-	55	25
0.075 HP (0.055 kW)	0.18	1.0	2478*	280*	**BS20G06-../D04LA4**	9220	1798	8000	-	-	77	35
0.075 HP (0.055 kW)	0.16	1.0	2478*	280*	**BS20G06-../D04LA4**	10493	1798	8000	-	-	77	35

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

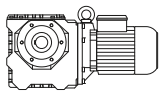
0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	355	8.5	16	1.77	**BS02-../D04LA4**	4.60	225	1000	-	-	8	3.5
0.1 HP (0.075 kW)	300	9.5	19	2.1	**BS02-../D04LA4**	5.40	225	1000	-	-	8	3.5
0.1 HP (0.075 kW)	240	9.8	23	2.55	**BS02-../D04LA4**	6.75	225	1000	-	-	8	3.5
0.1 HP (0.075 kW)	197	8.2	27	3.05	**BS02-../D04LA4**	8.25	247	1100	-	-	8	3.5
0.1 HP (0.075 kW)	152	6.5	34	3.85	**BS02-../D04LA4**	10.67	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	120	5.4	41	4.65	**BS02-../D04LA4**	13.50	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	90	4.3	51	5.8	**BS02-../D04LA4**	18.00	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	74	3.7	59	6.7	**BS02-../D04LA4**	22.00	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	60	3.3	66	7.5	**BS02-../D04LA4**	27.00	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	49.5	2.9	76	8.6	**BS02-../D04LA4**	33.00	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	42.5	3.2	103	11.6	**BS04-../D04LA4**	38.42	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	38	2.1	103	11.6	**BS02-../D04LA4**	43.00	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	34	2.7	127	14.3	**BS04-../D04LA4**	47.86	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	30	1.6	120	13.6	**BS02-../D04LA4**	54.00	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	26.5	2.1	160	18.1	**BS04-../D04LA4**	61.50	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	25.5	2.0	156	17.6	**BS04-../D04LA4**	64.06	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	23.5	1.3	137	15.5	**BS02-../D04LA4**	70.00	281	1250	-	-	8	3.5
0.1 HP (0.075 kW)	23	1.85	181	20.5	**BS04-../D04LA4**	71.18	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	22	2.4	147	16.6	**BS03-../D05LA4**	75.00	438	1950	-	-	12	5.4
0.1 HP (0.075 kW)	21.5	1.9	177	20	**BS04-../D04LA4**	77.00	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	17.5	1.6	212	24	**BS04-../D04LA4**	93.92	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	16	1.35	252	28.5	**BS04-../D04LA4**	102.9	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	16	3.3	270	30.5	**BS06-../D04LA4**	103.1	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	14	2.8	292	33	**BS06-../D04LA4**	118.8	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	14	3.2	332	37.5	**BS10-../D06LA4**	119.6	1349	6000	-	-	51	23
0.1 HP (0.075 kW)	13.5	1.25	292	33	**BS04-../D04LA4**	123.0	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	13	2.8	323	36.5	**BS06-../D04LA4**	129.0	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	12	1.15	327	37	**BS04-../D04LA4**	138.4	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	11.5	2.7	354	40	**BS06-../D04LA4**	146.8	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	11	1.1	314	35.5	**BS04-../D04LA4**	150.3	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	10.5	0.89	367	41.5	**BS04-../D04LA4**	160.1	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	9.4	0.98	363	41	**BS04-../D04LA4**	174.0	506	2250	-	-	9	3.9
0.1 HP (0.075 kW)	9.4	2.2	403	45.5	**BS06-../D04LA4**	174.0	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	8.6	3.2	469	53	**BS10-../D06LA4**	188.6	1349	6000	-	-	51	23
0.1 HP (0.075 kW)	7.5	3.0	540	61	**BS10-../D06LA4**	216.6	1349	6000	-	-	51	23
0.1 HP (0.075 kW)	7.4	1.7	504	57	**BS06-../D04LA4**	220.0	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	6.5	1.55	558	63	**BS06-../D04LA4**	252.0	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	6.4	2.5	628	71	**BS10Z-../D06LA4**	254.0	1349	6000	-	-	53	24
0.1 HP (0.075 kW)	5.4	2.3	726	82	**BS10Z-../D06LA4**	302.5	1349	6000	-	-	53	24
0.1 HP (0.075 kW)	5.2	1.35	690	78	**BS06-../D04LA4**	315.3	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	4.6	1.25	770	87	**BS06-../D04LA4**	358.9	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	4.6	3.3	850	96	**BS20Z-../D06LA4**	359.9	1798	8000	-	-	77	35
0.1 HP (0.075 kW)	4.5	1.95	867	98	**BS10Z-../D06LA4**	360.3	1349	6000	-	-	53	24
0.1 HP (0.075 kW)	4.3	0.8	1044	118	**BS06G04-../D04LA4**	381.5	787	3500	-	-	24	11
0.1 HP (0.075 kW)	3.9	1.1	894	101	**BS06-../D04LA4**	418.0	787	3500	-	-	19	8.4
0.1 HP (0.075 kW)	3.8	1.65	1009	114	**BS10Z-../D06LA4**	432.4	1349	6000	-	-	53	24
0.1 HP (0.075 kW)	3.8	2.9	1009	114	**BS20Z-../D06LA4**	430.8	1798	8000	-	-	77	35
0.1 HP (0.075 kW)	3.1	2.9	1124	127	**BS20Z-../D06LA4**	539.7	1798	8000	-	-	77	35
0.1 HP (0.075 kW)	3.0	1.35	1239	140	**BS10Z-../D06LA4**	544.8	1349	6000	-	-	53	24
0.1 HP (0.075 kW)	2.7	2.3	1266	143	**BS20Z-../D06LA4**	619.2	1798	8000	-	-	77	35
0.1 HP (0.075 kW)	2.6	1.25	1363	154	**BS10Z-../D06LA4**	638.7	1349	6000	-	-	53	24
0.1 HP (0.075 kW)	2.2	1.75	1549	175	**BS20Z-../D06LA4**	763.4	1798	8000	-	-	77	35
0.1 HP (0.075 kW)	2.1	0.98	1629	184	**BS10Z-../D06LA4**	788.7	1349	6000	-	-	53	24
0.1 HP (0.075 kW)	2.1	2.4	1744	197	**BS30Z-../D06LA4**	804.1	2248	10000	-	-	119	54
0.1 HP (0.075 kW)	2.0	1.15	2080	235	**BS20G06-../D06LA4**	831.7	1798	8000	-	-	84	38
0.1 HP (0.075 kW)	1.8	2.0	1991	225	**BS30Z-../D06LA4**	932.0	2248	10000	-	-	119	54
0.1 HP (0.075 kW)	1.8	3.2	2036	230	**BS40Z-../D06LA4**	908.2	3372	15000	-	-	150	68
0.1 HP (0.075 kW)	1.7	0.98	2434	275	**BS20G06-../D06LA4**	1000	1798	8000	-	-	84	38

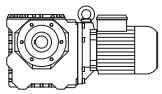
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.1 HP (0.075 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	1.7	3.0	2567	290	**BS40G10-../D06LA4**	965.5	3372	15000	-	-	161	73
0.1 HP (0.075 kW)	1.6	1.6	2699	305	**BS30G06-../D06LA4**	1022	2248	10000	-	-	123	56
0.1 HP (0.075 kW)	1.4	1.4	3098	350	**BS30G06-../D06LA4**	1176	2248	10000	-	-	123	56
0.1 HP (0.075 kW)	1.4	2.5	3142	355	**BS40G10-../D06LA4**	1180	3372	15000	-	-	161	73
0.1 HP (0.075 kW)	1.2	1.2	3629	410	**BS30G06-../D06LA4**	1461	2248	10000	-	-	123	56
0.1 HP (0.075 kW)	1.1	1.1	3939	445	**BS30G06-../D06LA4**	1576	2248	10000	-	-	123	56
0.1 HP (0.075 kW)	1.1	1.95	4027	455	**BS40G10-../D06LA4**	1499	3372	15000	-	-	161	73
0.1 HP (0.075 kW)	0.95	1.7	4602	520	**BS40G10-../D06LA4**	1785	3372	15000	-	-	161	73
0.1 HP (0.075 kW)	0.8	1.4	5487	620	**BS40G10-../D06LA4**	2126	3372	15000	-	-	161	73
0.1 HP (0.075 kW)	0.75	1.35	5841	660	**BS40G10-../D06LA4**	2304	3372	15000	-	-	161	73
0.1 HP (0.075 kW)	0.65	1.15	6815	770	**BS40G10-../D06LA4**	2552	3372	15000	-	-	161	73
0.1 HP (0.075 kW)	0.6	1.05	7346	830	**BS40G10-../D06LA4**	2902	3372	15000	-	-	161	73

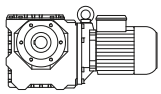
0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	355	7.1	19	2.1	**BS02-../D04LA4**	4.60	225	1000	-	-	8	3.5
0.12 HP (0.09 kW)	300	8.0	22	2.5	**BS02-../D04LA4**	5.40	225	1000	-	-	8	3.5
0.12 HP (0.09 kW)	240	8.2	27	3.05	**BS02-../D04LA4**	6.75	225	1000	-	-	8	3.5
0.12 HP (0.09 kW)	197	6.8	32	3.65	**BS02-../D04LA4**	8.25	247	1100	-	-	8	3.5
0.12 HP (0.09 kW)	152	5.4	41	4.6	**BS02-../D04LA4**	10.67	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	120	4.5	49	5.5	**BS02-../D04LA4**	13.50	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	90	3.6	62	7.0	**BS02-../D04LA4**	18.00	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	74	3.1	72	8.1	**BS02-../D04LA4**	22.00	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	60	2.8	80	9.0	**BS02-../D04LA4**	27.00	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	52	3.3	102	11.5	**BS04-../D04LA4**	31.50	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	49.5	2.4	92	10.4	**BS02-../D04LA4**	33.00	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	42.5	2.7	123	13.9	**BS04-../D04LA4**	38.42	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	38	1.7	124	14	**BS02-../D04LA4**	43.00	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	34	2.2	151	17.1	**BS04-../D04LA4**	47.86	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	30	1.35	144	16.3	**BS02-../D04LA4**	54.00	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	26.5	2.8	151	17.1	**BS03-../D05LA4**	62.00	438	1950	-	-	12	5.4
0.12 HP (0.09 kW)	26.5	1.75	190	21.5	**BS04-../D04LA4**	61.50	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	25.5	1.7	186	21	**BS04-../D04LA4**	64.06	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	23.5	1.1	165	18.6	**BS02-../D04LA4**	70.00	281	1250	-	-	8	3.5
0.12 HP (0.09 kW)	23	1.55	217	24.5	**BS04-../D04LA4**	71.18	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	22	2.0	176	19.9	**BS03-../D05LA4**	75.00	438	1950	-	-	12	5.4
0.12 HP (0.09 kW)	21.5	1.6	212	24	**BS04-../D04LA4**	77.00	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	21.5	3.2	235	26.5	**BS06-../D04LA4**	77.00	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	18	3.0	292	33	**BS06-../D04LA4**	90.00	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	17.5	1.35	252	28.5	**BS04-../D04LA4**	93.92	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	16	1.1	301	34	**BS04-../D04LA4**	102.9	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	16	2.7	327	37	**BS06-../D04LA4**	103.1	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	14	2.4	350	39.5	**BS06-../D04LA4**	118.8	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	14	2.7	398	45	**BS10-../D06LA4**	119.6	1349	6000	-	-	51	23
0.12 HP (0.09 kW)	13.5	1.05	354	40	**BS04-../D04LA4**	123.0	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	13	2.4	389	44	**BS06-../D04LA4**	129.0	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	12	0.95	389	44	**BS04-../D04LA4**	138.4	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	11.5	2.2	429	48.5	**BS06-../D04LA4**	146.8	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	11	0.92	376	42.5	**BS04-../D04LA4**	150.3	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	11	3.3	443	50	**BS10-../D06LA4**	152.7	1349	6000	-	-	51	23

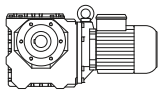
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.12 HP (0.09 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	9.4	0.82	434	49	**BS04-../D04LA4**	174.0	506	2250	-	-	9	3.9
0.12 HP (0.09 kW)	9.4	1.8	478	54	**BS06-../D04LA4**	174.0	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	8.6	2.7	558	63	**BS10-../D06LA4**	188.6	1349	6000	-	-	51	23
0.12 HP (0.09 kW)	7.5	2.5	646	73	**BS10-../D06LA4**	216.6	1349	6000	-	-	51	23
0.12 HP (0.09 kW)	7.4	1.45	602	68	**BS06-../D04LA4**	220.0	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	6.5	1.3	673	76	**BS06-../D04LA4**	252.0	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	6.4	2.1	752	85	**BS10Z-../D06LA4**	254.0	1349	6000	-	-	53	24
0.12 HP (0.09 kW)	5.4	1.95	867	98	**BS10Z-../D06LA4**	302.5	1349	6000	-	-	53	24
0.12 HP (0.09 kW)	5.4	3.0	885	100	**BS20Z-../D06LA4**	300.1	1798	8000	-	-	77	35
0.12 HP (0.09 kW)	5.2	1.15	832	94	**BS06-../D04LA4**	315.3	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	4.6	1.05	920	104	**BS06-../D04LA4**	358.9	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	4.6	2.8	1018	115	**BS20Z-../D06LA4**	359.9	1798	8000	-	-	77	35
0.12 HP (0.09 kW)	4.6	2.9	1221	138	**BS30Z-../D06LA4**	359.6	2248	10000	-	-	119	54
0.12 HP (0.09 kW)	4.5	1.6	1044	118	**BS10Z-../D06LA4**	360.3	1349	6000	-	-	53	24
0.12 HP (0.09 kW)	3.9	0.91	1071	121	**BS06-../D04LA4**	418.0	787	3500	-	-	19	8.4
0.12 HP (0.09 kW)	3.8	1.4	1213	137	**BS10Z-../D06LA4**	432.4	1349	6000	-	-	53	24
0.12 HP (0.09 kW)	3.8	2.4	1213	137	**BS20Z-../D06LA4**	430.8	1798	8000	-	-	77	35
0.12 HP (0.09 kW)	3.1	2.4	1345	152	**BS20Z-../D06LA4**	539.7	1798	8000	-	-	77	35
0.12 HP (0.09 kW)	3.0	1.1	1496	169	**BS10Z-../D06LA4**	544.8	1349	6000	-	-	53	24
0.12 HP (0.09 kW)	2.7	1.95	1513	171	**BS20Z-../D06LA4**	619.2	1798	8000	-	-	77	35
0.12 HP (0.09 kW)	2.6	1.05	1637	185	**BS10Z-../D06LA4**	638.7	1349	6000	-	-	53	24
0.12 HP (0.09 kW)	2.5	2.8	1814	205	**BS30Z-../D06LA4**	651.0	2248	10000	-	-	119	54
0.12 HP (0.09 kW)	2.2	1.5	1859	210	**BS20Z-../D06LA4**	763.4	1798	8000	-	-	77	35
0.12 HP (0.09 kW)	2.2	3.3	2036	230	**BS40Z-../D06LA4**	736.5	3372	15000	-	-	150	68
0.12 HP (0.09 kW)	2.1	0.82	1947	220	**BS10Z-../D06LA4**	788.7	1349	6000	-	-	53	24
0.12 HP (0.09 kW)	2.1	2.0	2080	235	**BS30Z-../D06LA4**	804.1	2248	10000	-	-	119	54
0.12 HP (0.09 kW)	2.0	0.96	2478	280	**BS20G06-../D06LA4**	831.7	1798	8000	-	-	84	38
0.12 HP (0.09 kW)	1.8	1.65	2390	270	**BS30Z-../D06LA4**	932.0	2248	10000	-	-	119	54
0.12 HP (0.09 kW)	1.8	2.7	2478	280	**BS40Z-../D06LA4**	908.2	3372	15000	-	-	150	68
0.12 HP (0.09 kW)	1.7	0.82	2921	330	**BS20G06-../D06LA4**	1000	1798	8000	-	-	84	38
0.12 HP (0.09 kW)	1.7	2.5	3098	350	**BS40G10-../D06LA4**	965.5	3372	15000	-	-	161	73
0.12 HP (0.09 kW)	1.6	1.3	3275	370	**BS30G06-../D06LA4**	1022	2248	10000	-	-	123	56
0.12 HP (0.09 kW)	1.4	1.15	3717	420	**BS30G06-../D06LA4**	1176	2248	10000	-	-	123	56
0.12 HP (0.09 kW)	1.4	2.1	3762	425	**BS40G10-../D06LA4**	1180	3372	15000	-	-	161	73
0.12 HP (0.09 kW)	1.2	1.0	4337	490	**BS30G06-../D06LA4**	1461	2248	10000	-	-	123	56
0.12 HP (0.09 kW)	1.1	0.92	4691	530	**BS30G06-../D06LA4**	1576	2248	10000	-	-	123	56
0.12 HP (0.09 kW)	1.1	1.65	4779	540	**BS40G10-../D06LA4**	1499	3372	15000	-	-	161	73
0.12 HP (0.09 kW)	0.95	1.4	5576	630	**BS40G10-../D06LA4**	1785	3372	15000	-	-	161	73
0.12 HP (0.09 kW)	0.8	1.15	6638	750	**BS40G10-../D06LA4**	2126	3372	15000	-	-	161	73
0.12 HP (0.09 kW)	0.75	1.1	7081	800	**BS40G10-../D06LA4**	2304	3372	15000	-	-	161	73

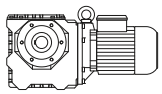
0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	355	5.8	23	2.6	**BS02-../D04LA4**	4.60	225	1000	-	-	8	3.5
0.15 HP (0.11 kW)	300	6.6	27	3.05	**BS02-../D04LA4**	5.40	225	1000	-	-	8	3.5
0.15 HP (0.11 kW)	240	6.7	33	3.75	**BS02-../D04LA4**	6.75	225	1000	-	-	8	3.5
0.15 HP (0.11 kW)	197	5.6	39	4.45	**BS02-../D04LA4**	8.25	247	1100	-	-	8	3.5
0.15 HP (0.11 kW)	152	4.5	50	5.6	**BS02-../D04LA4**	10.67	281	1250	-	-	8	3.5
0.15 HP (0.11 kW)	120	3.7	60	6.8	**BS02-../D04LA4**	13.50	281	1250	-	-	8	3.5
0.15 HP (0.11 kW)	90	2.9	76	8.6	**BS02-../D04LA4**	18.00	281	1250	-	-	8	3.5

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

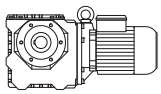
0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	74	2.5	88	9.9	**BS02-../D04LA4**	22.00	281	1250	-	-	8	3.5
0.15 HP (0.11 kW)	67	2.9	105	11.9	**BS04-../D04LA4**	24.25	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	62	3.2	106	12	**BS04-../D04LA4**	26.21	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	60	2.3	97	11	**BS02-../D04LA4**	27.00	281	1250	-	-	8	3.5
0.15 HP (0.11 kW)	52	2.7	125	14.1	**BS04-../D04LA4**	31.50	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	49.5	1.95	112	12.7	**BS02-../D04LA4**	33.00	281	1250	-	-	8	3.5
0.15 HP (0.11 kW)	42.5	2.2	150	17	**BS04-../D04LA4**	38.42	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	38	1.4	151	17.1	**BS02-../D04LA4**	43.00	281	1250	-	-	8	3.5
0.15 HP (0.11 kW)	34	1.8	186	21	**BS04-../D04LA4**	47.86	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	32.5	2.9	166	18.7	**BS03-../D05LA4**	50.00	438	1950	-	-	12	5.4
0.15 HP (0.11 kW)	30	1.1	176	19.9	**BS02-../D04LA4**	54.00	281	1250	-	-	8	3.5
0.15 HP (0.11 kW)	26.5	2.3	186	21	**BS03-../D05LA4**	62.00	438	1950	-	-	12	5.4
0.15 HP (0.11 kW)	26.5	1.45	235	26.5	**BS04-../D04LA4**	61.50	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	25.5	1.4	226	25.5	**BS04-../D04LA4**	64.06	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	25.5	2.9	248	28	**BS06-../D04LA4**	64.06	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	23.5	0.89	199	22.5	**BS02-../D04LA4**	70.00	281	1250	-	-	8	3.5
0.15 HP (0.11 kW)	23	1.25	266	30	**BS04-../D04LA4**	71.18	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	23	2.9	283	32	**BS06-../D04LA4**	71.18	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	22	1.65	212	24	**BS03-../D05LA4**	75.00	438	1950	-	-	12	5.4
0.15 HP (0.11 kW)	21.5	1.3	261	29.5	**BS04-../D04LA4**	77.00	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	21.5	2.6	288	32.5	**BS06-../D04LA4**	77.00	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	18	2.4	358	40.5	**BS06-../D04LA4**	90.00	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	17.5	1.1	310	35	**BS04-../D04LA4**	93.92	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	16	0.9	372	42	**BS04-../D04LA4**	102.9	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	16	2.2	398	45	**BS06-../D04LA4**	103.1	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	14	1.95	429	48.5	**BS06-../D04LA4**	118.8	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	14	2.2	487	55	**BS10-../D06LA4**	119.6	1349	6000	-	-	51	23
0.15 HP (0.11 kW)	13.5	0.84	434	49	**BS04-../D04LA4**	123.0	506	2250	-	-	9	3.9
0.15 HP (0.11 kW)	13	1.95	478	54	**BS06-../D04LA4**	129.0	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	12.5	3.1	469	53	**BS10-../D06LA4**	130.3	1349	6000	-	-	51	23
0.15 HP (0.11 kW)	11.5	1.8	522	59	**BS06-../D04LA4**	146.8	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	11	2.7	540	61	**BS10-../D06LA4**	152.7	1349	6000	-	-	51	23
0.15 HP (0.11 kW)	9.4	1.45	593	67	**BS06-../D04LA4**	174.0	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	8.6	2.2	690	78	**BS10-../D06LA4**	188.6	1349	6000	-	-	51	23
0.15 HP (0.11 kW)	7.5	2.0	788	89	**BS10-../D06LA4**	216.6	1349	6000	-	-	51	23
0.15 HP (0.11 kW)	7.4	1.2	735	83	**BS06-../D04LA4**	220.0	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	7.2	3.1	823	93	**BS20-../D06LA4**	225.6	1798	8000	-	-	75	34
0.15 HP (0.11 kW)	6.5	1.05	823	93	**BS06-../D04LA4**	252.0	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	6.4	1.7	929	105	**BS10Z-../D06LA4**	254.0	1349	6000	-	-	53	24
0.15 HP (0.11 kW)	6.3	2.8	938	106	**BS20Z-../D06LA4**	257.8	1798	8000	-	-	77	35
0.15 HP (0.11 kW)	5.4	1.6	1062	120	**BS10Z-../D06LA4**	302.5	1349	6000	-	-	53	24
0.15 HP (0.11 kW)	5.4	2.5	1080	122	**BS20Z-../D06LA4**	300.1	1798	8000	-	-	77	35
0.15 HP (0.11 kW)	5.2	0.92	1018	115	**BS06-../D04LA4**	315.3	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	4.6	0.87	1124	127	**BS06-../D04LA4**	358.9	787	3500	-	-	19	8.4
0.15 HP (0.11 kW)	4.6	2.3	1248	141	**BS20Z-../D06LA4**	359.9	1798	8000	-	-	77	35
0.15 HP (0.11 kW)	4.6	2.4	1487	168	**BS30Z-../D06LA4**	359.6	2248	10000	-	-	119	54
0.15 HP (0.11 kW)	4.5	1.3	1275	144	**BS10Z-../D06LA4**	360.3	1349	6000	-	-	53	24
0.15 HP (0.11 kW)	3.8	1.15	1487	168	**BS10Z-../D06LA4**	432.4	1349	6000	-	-	53	24
0.15 HP (0.11 kW)	3.8	1.95	1487	168	**BS20Z-../D06LA4**	430.8	1798	8000	-	-	77	35
0.15 HP (0.11 kW)	3.6	3.2	1646	186	**BS30Z-../D06LA4**	457.3	2248	10000	-	-	119	54
0.15 HP (0.11 kW)	3.1	1.95	1646	186	**BS20Z-../D06LA4**	539.7	1798	8000	-	-	77	35
0.15 HP (0.11 kW)	3.1	2.8	1903	215	**BS30Z-../D06LA4**	539.3	2248	10000	-	-	119	54
0.15 HP (0.11 kW)	3.0	0.93	1814	205	**BS10Z-../D06LA4**	544.8	1349	6000	-	-	53	24
0.15 HP (0.11 kW)	2.7	1.55	1859	210	**BS20Z-../D06LA4**	619.2	1798	8000	-	-	77	35
0.15 HP (0.11 kW)	2.6	0.84	1991	225	**BS10Z-../D06LA4**	638.7	1349	6000	-	-	53	24
0.15 HP (0.11 kW)	2.5	2.3	2213	250	**BS30Z-../D06LA4**	651.0	2248	10000	-	-	119	54
0.15 HP (0.11 kW)	2.2	1.2	2257	255	**BS20Z-../D06LA4**	763.4	1798	8000	-	-	77	35
0.15 HP (0.11 kW)	2.2	2.7	2522	285	**BS40Z-../D06LA4**	736.5	3372	15000	-	-	150	68

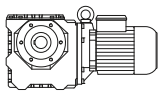
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.15 HP (0.11 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.15 HP (0.11 kW)	2.1	1.65	2567	290	**BS30Z-../D06LA4**	804.1	2248	10000	-	-	119	54
0.15 HP (0.11 kW)	1.8	1.35	2921	330	**BS30Z-../D06LA4**	932.0	2248	10000	-	-	119	54
0.15 HP (0.11 kW)	1.8	2.2	3009	340	**BS40Z-../D06LA4**	908.2	3372	15000	-	-	150	68
0.15 HP (0.11 kW)	1.7	2.0	3806	430	**BS40G10-../D06LA4**	965.5	3372	15000	-	-	161	73
0.15 HP (0.11 kW)	1.6	1.1	3983	450	**BS30G06-../D06LA4**	1022	2248	10000	-	-	123	56
0.15 HP (0.11 kW)	1.4	0.96	4514	510	**BS30G06-../D06LA4**	1176	2248	10000	-	-	123	56
0.15 HP (0.11 kW)	1.4	1.7	4602	520	**BS40G10-../D06LA4**	1180	3372	15000	-	-	161	73
0.15 HP (0.11 kW)	1.2	0.82	5310	600	**BS30G06-../D06LA4**	1461	2248	10000	-	-	123	56
0.15 HP (0.11 kW)	1.1	1.35	5841	660	**BS40G10-../D06LA4**	1499	3372	15000	-	-	161	73
0.15 HP (0.11 kW)	0.95	1.15	6815	770	**BS40G10-../D06LA4**	1785	3372	15000	-	-	161	73

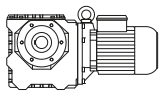
0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	355	3.5	38	4.25	**BS02-../D05LA4**	4.60	225	1000	-	-	12	5.3
0.25 HP (0.18 kW)	300	4.0	44	5.0	**BS02-../D05LA4**	5.40	225	1000	-	-	12	5.3
0.25 HP (0.18 kW)	240	4.1	54	6.1	**BS02-../D05LA4**	6.75	225	1000	-	-	12	5.3
0.25 HP (0.18 kW)	197	3.4	65	7.3	**BS02-../D05LA4**	8.25	247	1100	-	-	12	5.3
0.25 HP (0.18 kW)	152	2.7	81	9.2	**BS02-../D05LA4**	10.67	281	1250	-	-	12	5.3
0.25 HP (0.18 kW)	124	3.1	94	10.6	**BS04-../D05LA4**	13.09	396	1760	-	-	13	5.8
0.25 HP (0.18 kW)	120	2.3	98	11.1	**BS02-../D05LA4**	13.50	281	1250	-	-	12	5.3
0.25 HP (0.18 kW)	100	2.7	117	13.2	**BS04-../D05LA4**	16.31	443	1970	-	-	13	5.8
0.25 HP (0.18 kW)	90	1.75	125	14.1	**BS02-../D05LA4**	18.00	281	1250	-	-	12	5.3
0.25 HP (0.18 kW)	90	2.5	119	13.5	**BS04-../D05LA4**	18.00	438	1950	-	-	13	5.8
0.25 HP (0.18 kW)	78	2.2	148	16.7	**BS04-../D05LA4**	20.96	472	2100	-	-	13	5.8
0.25 HP (0.18 kW)	74	1.55	143	16.2	**BS02-../D05LA4**	22.00	281	1250	-	-	12	5.3
0.25 HP (0.18 kW)	67	1.75	172	19.4	**BS04-../D05LA4**	24.25	506	2250	-	-	13	5.8
0.25 HP (0.18 kW)	65	3.0	161	18.2	**BS03-../D05LA4**	25.00	438	1950	-	-	12	5.4
0.25 HP (0.18 kW)	62	1.95	173	19.6	**BS04-../D05LA4**	26.21	506	2250	-	-	13	5.8
0.25 HP (0.18 kW)	60	1.4	159	18	**BS02-../D05LA4**	27.00	281	1250	-	-	12	5.3
0.25 HP (0.18 kW)	52	1.65	204	23	**BS04-../D05LA4**	31.50	506	2250	-	-	13	5.8
0.25 HP (0.18 kW)	52	3.3	212	24	**BS06-../D05LA4**	31.50	719	3200	-	-	22	10
0.25 HP (0.18 kW)	49.5	1.2	181	20.5	**BS02-../D05LA4**	33.00	281	1250	-	-	12	5.3
0.25 HP (0.18 kW)	49.5	2.6	186	21	**BS03-../D05LA4**	33.00	438	1950	-	-	12	5.4
0.25 HP (0.18 kW)	42.5	1.35	243	27.5	**BS04-../D05LA4**	38.42	506	2250	-	-	13	5.8
0.25 HP (0.18 kW)	42	2.1	230	26	**BS03-../D05LA4**	39.00	438	1950	-	-	12	5.4
0.25 HP (0.18 kW)	39.5	2.8	274	31	**BS06-../D05LA4**	41.29	787	3500	-	-	22	10
0.25 HP (0.18 kW)	38	0.86	248	28	**BS02-../D05LA4**	43.00	281	1250	-	-	12	5.3
0.25 HP (0.18 kW)	34	1.1	301	34	**BS04-../D05LA4**	47.86	506	2250	-	-	13	5.8
0.25 HP (0.18 kW)	33.5	2.4	323	36.5	**BS06-../D05LA4**	48.60	787	3500	-	-	22	10
0.25 HP (0.18 kW)	32.5	1.8	270	30.5	**BS03-../D05LA4**	50.00	438	1950	-	-	12	5.4
0.25 HP (0.18 kW)	28	2.1	385	43.5	**BS06-../D05LA4**	58.15	787	3500	-	-	22	10
0.25 HP (0.18 kW)	26.5	1.4	301	34	**BS03-../D05LA4**	62.00	438	1950	-	-	12	5.4
0.25 HP (0.18 kW)	26.5	0.88	381	43	**BS04-../D05LA4**	61.50	506	2250	-	-	13	5.8
0.25 HP (0.18 kW)	25.5	0.86	372	42	**BS04-../D05LA4**	64.06	506	2250	-	-	13	5.8
0.25 HP (0.18 kW)	25.5	1.75	403	45.5	**BS06-../D05LA4**	64.06	787	3500	-	-	22	10
0.25 HP (0.18 kW)	23	1.75	469	53	**BS06-../D05LA4**	71.18	787	3500	-	-	22	10
0.25 HP (0.18 kW)	23	2.9	487	55	**BS10-../D06LA4**	71.96	1124	5000	-	-	51	23
0.25 HP (0.18 kW)	22	1.0	350	39.5	**BS03-../D05LA4**	75.00	438	1950	-	-	12	5.4
0.25 HP (0.18 kW)	21.5	1.6	469	53	**BS06-../D05LA4**	77.00	787	3500	-	-	22	10
0.25 HP (0.18 kW)	19.5	2.3	575	65	**BS10-../D06LA4**	84.36	1191	5300	-	-	51	23

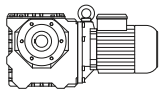
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.25 HP (0.18 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	18	1.5	584	66	**BS06-../D05LA4**	90.00	787	3500	-	-	22	10
0.25 HP (0.18 kW)	16.5	3.2	682	77	**BS20-../D06LA4**	101.1	1596	7100	-	-	75	34
0.25 HP (0.18 kW)	16	1.35	655	74	**BS06-../D05LA4**	103.1	787	3500	-	-	22	10
0.25 HP (0.18 kW)	16	2.4	602	68	**BS10-../D06LA4**	103.4	1259	5600	-	-	51	23
0.25 HP (0.18 kW)	14	1.2	699	79	**BS06-../D05LA4**	118.8	787	3500	-	-	22	10
0.25 HP (0.18 kW)	14	1.35	797	90	**BS10-../D06LA4**	119.6	1349	6000	-	-	51	23
0.25 HP (0.18 kW)	13	1.2	779	88	**BS06-../D05LA4**	129.0	787	3500	-	-	22	10
0.25 HP (0.18 kW)	13	3.1	770	87	**BS20-../D06LA4**	127.3	1798	8000	-	-	75	34
0.25 HP (0.18 kW)	12.5	1.85	779	88	**BS10-../D06LA4**	130.3	1349	6000	-	-	51	23
0.25 HP (0.18 kW)	11.5	1.1	859	97	**BS06-../D05LA4**	146.8	787	3500	-	-	22	10
0.25 HP (0.18 kW)	11	1.65	885	100	**BS10-../D06LA4**	152.7	1349	6000	-	-	51	23
0.25 HP (0.18 kW)	10.5	2.5	956	108	**BS20-../D06LA4**	159.4	1798	8000	-	-	75	34
0.25 HP (0.18 kW)	9.4	0.9	965	109	**BS06-../D05LA4**	174.0	787	3500	-	-	22	10
0.25 HP (0.18 kW)	8.9	2.2	1124	127	**BS20-../D06LA4**	183.0	1798	8000	-	-	75	34
0.25 HP (0.18 kW)	8.6	1.35	1124	127	**BS10-../D06LA4**	188.6	1349	6000	-	-	51	23
0.25 HP (0.18 kW)	7.7	3.1	1301	147	**BS30Z-../D06LA4**	211.1	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	7.5	1.25	1292	146	**BS10-../D06LA4**	216.6	1349	6000	-	-	51	23
0.25 HP (0.18 kW)	7.2	1.9	1345	152	**BS20-../D06LA4**	225.6	1798	8000	-	-	75	34
0.25 HP (0.18 kW)	6.4	1.05	1513	171	**BS10Z-../D06LA4**	254.0	1349	6000	-	-	53	24
0.25 HP (0.18 kW)	6.3	1.7	1540	174	**BS20Z-../D06LA4**	257.8	1798	8000	-	-	77	35
0.25 HP (0.18 kW)	6.2	3.1	1611	182	**BS30Z-../D06LA4**	261.6	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	5.7	3.3	1947	220	**BS40Z-../D06LA4**	287.7	3372	15000	-	-	150	68
0.25 HP (0.18 kW)	5.4	0.96	1744	197	**BS10Z-../D06LA4**	302.5	1349	6000	-	-	53	24
0.25 HP (0.18 kW)	5.4	1.5	1770	200	**BS20Z-../D06LA4**	300.1	1798	8000	-	-	77	35
0.25 HP (0.18 kW)	5.3	2.8	1859	210	**BS30Z-../D06LA4**	306.6	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	4.6	1.4	2036	230	**BS20Z-../D06LA4**	359.9	1798	8000	-	-	77	35
0.25 HP (0.18 kW)	4.6	1.45	2434	275	**BS30Z-../D06LA4**	359.6	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	4.5	0.81	2080	235	**BS10Z-../D06LA4**	360.3	1349	6000	-	-	53	24
0.25 HP (0.18 kW)	4.2	2.2	2345	265	**BS30Z-../D06LA4**	390.2	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	3.8	1.2	2434	275	**BS20Z-../D06LA4**	430.8	1798	8000	-	-	77	35
0.25 HP (0.18 kW)	3.6	1.95	2699	305	**BS30Z-../D06LA4**	457.3	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	3.2	3.3	2965	335	**BS40Z-../D06LA4**	520.8	3372	15000	-	-	150	68
0.25 HP (0.18 kW)	3.1	1.2	2655	300	**BS20Z-../D06LA4**	539.7	1798	8000	-	-	77	35
0.25 HP (0.18 kW)	3.1	1.7	3098	350	**BS30Z-../D06LA4**	539.3	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	2.7	0.97	3009	340	**BS20Z-../D06LA4**	619.2	1798	8000	-	-	77	35
0.25 HP (0.18 kW)	2.7	2.4	3408	385	**BS40Z-../D06LA4**	612.1	3372	15000	-	-	150	68
0.25 HP (0.18 kW)	2.5	1.4	3629	410	**BS30Z-../D06LA4**	651.0	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	2.2	1.65	4116	465	**BS40Z-../D06LA4**	736.5	3372	15000	-	-	150	68
0.25 HP (0.18 kW)	2.1	1.0	4160	470	**BS30Z-../D06LA4**	804.1	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	1.8	0.83	4779	540	**BS30Z-../D06LA4**	932.0	2248	10000	-	-	119	54
0.25 HP (0.18 kW)	1.8	1.35	4956	560	**BS40Z-../D06LA4**	908.2	3372	15000	-	-	150	68
0.25 HP (0.18 kW)	1.7	1.25	6196	700	**BS40G10-../D06LA4**	965.5	3372	15000	-	-	161	73
0.25 HP (0.18 kW)	1.4	1.05	7523	850	**BS40G10-../D06LA4**	1180	3372	15000	-	-	161	73
0.25 HP (0.18 kW)	1.1	0.81	9647	1090	**BS40G10-../D06LA4**	1499	3372	15000	-	-	161	73

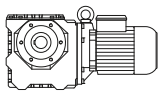
0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	355	2.5	52	5.9	**BS02-../D05LA4**	4.60	225	1000	-	-	12	5.3
0.33 HP (0.25 kW)	300	2.9	62	7.0	**BS02-../D05LA4**	5.40	225	1000	-	-	12	5.3
0.33 HP (0.25 kW)	240	2.9	75	8.5	**BS02-../D05LA4**	6.75	225	1000	-	-	12	5.3

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

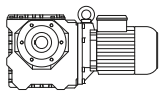
0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	197	2.5	89	10.1	**BS02-../D05LA4**	8.25	247	1100	-	-	12	5.3
0.33 HP (0.25 kW)	182	2.9	90	10.2	**BS04-../D05LA4**	8.93	337	1500	-	-	13	5.8
0.33 HP (0.25 kW)	152	1.95	113	12.8	**BS02-../D05LA4**	10.67	281	1250	-	-	12	5.3
0.33 HP (0.25 kW)	151	2.6	109	12.3	**BS04-../D05LA4**	10.73	360	1600	-	-	13	5.8
0.33 HP (0.25 kW)	124	2.2	131	14.8	**BS04-../D05LA4**	13.09	396	1760	-	-	13	5.8
0.33 HP (0.25 kW)	120	1.6	137	15.5	**BS02-../D05LA4**	13.50	281	1250	-	-	12	5.3
0.33 HP (0.25 kW)	100	1.9	162	18.3	**BS04-../D05LA4**	16.31	443	1970	-	-	13	5.8
0.33 HP (0.25 kW)	90	1.3	173	19.6	**BS02-../D05LA4**	18.00	281	1250	-	-	12	5.3
0.33 HP (0.25 kW)	90	1.8	166	18.8	**BS04-../D05LA4**	18.00	438	1950	-	-	13	5.8
0.33 HP (0.25 kW)	86	2.6	186	21	**BS03-../D05LA4**	19.00	438	1950	-	-	12	5.4
0.33 HP (0.25 kW)	82	3.3	204	23	**BS06-../D05LA4**	19.82	562	2500	-	-	22	10
0.33 HP (0.25 kW)	78	1.6	204	23	**BS04-../D05LA4**	20.96	472	2100	-	-	13	5.8
0.33 HP (0.25 kW)	74	1.1	199	22.5	**BS02-../D05LA4**	22.00	281	1250	-	-	12	5.3
0.33 HP (0.25 kW)	67	1.25	239	27	**BS04-../D05LA4**	24.25	506	2250	-	-	13	5.8
0.33 HP (0.25 kW)	67	2.7	252	28.5	**BS06-../D05LA4**	24.25	585	2600	-	-	22	10
0.33 HP (0.25 kW)	65	2.2	221	25	**BS03-../D05LA4**	25.00	438	1950	-	-	12	5.4
0.33 HP (0.25 kW)	62	1.4	239	27	**BS04-../D05LA4**	26.21	506	2250	-	-	13	5.8
0.33 HP (0.25 kW)	62	2.8	248	28	**BS06-../D05LA4**	26.21	674	3000	-	-	22	10
0.33 HP (0.25 kW)	60	1.0	221	25	**BS02-../D05LA4**	27.00	281	1250	-	-	12	5.3
0.33 HP (0.25 kW)	52	1.2	283	32	**BS04-../D05LA4**	31.50	506	2250	-	-	13	5.8
0.33 HP (0.25 kW)	52	2.4	296	33.5	**BS06-../D05LA4**	31.50	719	3200	-	-	22	10
0.33 HP (0.25 kW)	49.5	0.88	252	28.5	**BS02-../D05LA4**	33.00	281	1250	-	-	12	5.3
0.33 HP (0.25 kW)	49.5	1.9	257	29	**BS03-../D05LA4**	33.00	438	1950	-	-	12	5.4
0.33 HP (0.25 kW)	42.5	0.96	341	38.5	**BS04-../D05LA4**	38.42	506	2250	-	-	13	5.8
0.33 HP (0.25 kW)	42	1.55	319	36	**BS03-../D05LA4**	39.00	438	1950	-	-	12	5.4
0.33 HP (0.25 kW)	41	3.2	385	43.5	**BS10-../D06LA4**	39.96	854	3800	-	-	51	23
0.33 HP (0.25 kW)	39.5	2.0	385	43.5	**BS06-../D05LA4**	41.29	787	3500	-	-	22	10
0.33 HP (0.25 kW)	34.5	2.8	451	51	**BS10-../D06LA4**	47.59	910	4050	-	-	51	23
0.33 HP (0.25 kW)	34	0.8	420	47.5	**BS04-../D05LA4**	47.86	506	2250	-	-	13	5.8
0.33 HP (0.25 kW)	33.5	1.75	451	51	**BS06-../D05LA4**	48.60	787	3500	-	-	22	10
0.33 HP (0.25 kW)	32.5	1.3	376	42.5	**BS03-../D05LA4**	50.00	438	1950	-	-	12	5.4
0.33 HP (0.25 kW)	28.5	2.5	540	61	**BS10-../D06LA4**	57.12	978	4350	-	-	51	23
0.33 HP (0.25 kW)	28	1.5	531	60	**BS06-../D05LA4**	58.15	787	3500	-	-	22	10
0.33 HP (0.25 kW)	27	2.5	522	59	**BS10-../D06LA4**	60.74	1023	4550	-	-	51	23
0.33 HP (0.25 kW)	26.5	1.0	420	47.5	**BS03-../D05LA4**	62.00	438	1950	-	-	12	5.4
0.33 HP (0.25 kW)	25.5	1.25	558	63	**BS06-../D05LA4**	64.06	787	3500	-	-	22	10
0.33 HP (0.25 kW)	23	1.3	646	73	**BS06-../D05LA4**	71.18	787	3500	-	-	22	10
0.33 HP (0.25 kW)	23	2.1	673	76	**BS10-../D06LA4**	71.96	1124	5000	-	-	51	23
0.33 HP (0.25 kW)	21.5	1.15	655	74	**BS06-../D05LA4**	77.00	787	3500	-	-	22	10
0.33 HP (0.25 kW)	19.5	1.65	797	90	**BS10-../D06LA4**	84.36	1191	5300	-	-	51	23
0.33 HP (0.25 kW)	18.5	3.2	752	85	**BS20-../D06LA4**	88.67	1574	7000	-	-	75	34
0.33 HP (0.25 kW)	18	1.05	814	92	**BS06-../D05LA4**	90.00	787	3500	-	-	22	10
0.33 HP (0.25 kW)	16.5	2.3	947	107	**BS20-../D06LA4**	101.1	1596	7100	-	-	75	34
0.33 HP (0.25 kW)	16	0.98	903	102	**BS06-../D05LA4**	103.1	787	3500	-	-	22	10
0.33 HP (0.25 kW)	16	1.7	841	95	**BS10-../D06LA4**	103.4	1259	5600	-	-	51	23
0.33 HP (0.25 kW)	15.5	2.7	894	101	**BS20-../D06LA4**	106.3	1709	7600	-	-	75	34
0.33 HP (0.25 kW)	14	0.85	974	110	**BS06-../D05LA4**	118.8	787	3500	-	-	22	10
0.33 HP (0.25 kW)	14	0.96	1115	126	**BS10-../D06LA4**	119.6	1349	6000	-	-	51	23
0.33 HP (0.25 kW)	13	0.85	1089	123	**BS06-../D05LA4**	129.0	787	3500	-	-	22	10
0.33 HP (0.25 kW)	13	2.2	1071	121	**BS20-../D06LA4**	127.3	1798	8000	-	-	75	34
0.33 HP (0.25 kW)	12.5	1.35	1080	122	**BS10-../D06LA4**	130.3	1349	6000	-	-	51	23
0.33 HP (0.25 kW)	11	1.2	1221	138	**BS10-../D06LA4**	152.7	1349	6000	-	-	51	23
0.33 HP (0.25 kW)	10.5	1.85	1328	150	**BS20-../D06LA4**	159.4	1798	8000	-	-	75	34
0.33 HP (0.25 kW)	8.9	1.6	1567	177	**BS20-../D06LA4**	183.0	1798	8000	-	-	75	34
0.33 HP (0.25 kW)	8.7	3.0	1602	181	**BS30-../D06LA4**	186.7	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	8.6	0.96	1567	177	**BS10-../D06LA4**	188.6	1349	6000	-	-	51	23
0.33 HP (0.25 kW)	8.3	3.3	1859	210	**BS40Z-../D06LA4**	197.1	3372	15000	-	-	150	68
0.33 HP (0.25 kW)	7.5	0.9	1770	200	**BS10-../D06LA4**	216.6	1349	6000	-	-	51	23

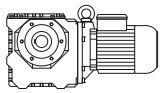
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.33 HP (0.25 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	7.5	2.5	1859	210	**BS30-../D06LA4**	216.4	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	7.2	1.4	1859	210	**BS20-../D06LA4**	225.6	1798	8000	-	-	75	34
0.33 HP (0.25 kW)	6.3	1.25	2124	240	**BS20Z-../D06LA4**	257.8	1798	8000	-	-	77	35
0.33 HP (0.25 kW)	6.2	2.2	2213	250	**BS30Z-../D06LA4**	261.6	2248	10000	-	-	119	54
0.33 HP (0.25 kW)	5.7	2.3	2699	305	**BS40Z-../D06LA4**	287.7	3372	15000	-	-	150	68
0.33 HP (0.25 kW)	5.4	1.1	2434	275	**BS20Z-../D06LA4**	300.1	1798	8000	-	-	77	35
0.33 HP (0.25 kW)	5.3	2.0	2567	290	**BS30Z-../D06LA4**	306.6	2248	10000	-	-	119	54
0.33 HP (0.25 kW)	4.6	1.0	2832	320	**BS20Z-../D06LA4**	359.9	1798	8000	-	-	77	35
0.33 HP (0.25 kW)	4.6	1.05	3363	380	**BS30Z-../D06LA4**	359.6	2248	10000	-	-	119	54
0.33 HP (0.25 kW)	4.6	3.3	2876	325	**BS40Z-../D06LA4**	356.8	3372	15000	-	-	150	68
0.33 HP (0.25 kW)	4.2	1.6	3231	365	**BS30Z-../D06LA4**	390.2	2248	10000	-	-	119	54
0.33 HP (0.25 kW)	3.8	0.87	3363	380	**BS20Z-../D06LA4**	430.8	1798	8000	-	-	77	35
0.33 HP (0.25 kW)	3.7	2.4	3585	405	**BS40Z-../D06LA4**	446.8	3372	15000	-	-	150	68
0.33 HP (0.25 kW)	3.6	1.45	3717	420	**BS30Z-../D06LA4**	457.3	2248	10000	-	-	119	54
0.33 HP (0.25 kW)	3.2	2.3	4160	470	**BS40Z-../D06LA4**	520.8	3372	15000	-	-	150	68
0.33 HP (0.25 kW)	3.1	0.87	3717	420	**BS20Z-../D06LA4**	539.7	1798	8000	-	-	77	35
0.33 HP (0.25 kW)	3.1	1.2	4337	490	**BS30Z-../D06LA4**	539.3	2248	10000	-	-	119	54
0.33 HP (0.25 kW)	2.7	1.7	4691	530	**BS40Z-../D06LA4**	612.1	3372	15000	-	-	150	68
0.33 HP (0.25 kW)	2.5	1.0	5045	570	**BS30Z-../D06LA4**	651.0	2248	10000	-	-	119	54
0.33 HP (0.25 kW)	2.2	1.15	5753	650	**BS40Z-../D06LA4**	736.5	3372	15000	-	-	150	68
0.33 HP (0.25 kW)	1.8	0.95	6904	780	**BS40Z-../D06LA4**	908.2	3372	15000	-	-	150	68
0.33 HP (0.25 kW)	1.7	0.9	8674	980	**BS40G10-../D06LA4**	965.5	3372	15000	-	-	161	73

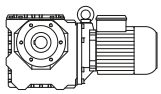
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	355	2.1	63	7.1	**BS02-../D05LA4**	4.60	225	1000	-	-	12	5.3
0.4 HP (0.3 kW)	300	2.4	74	8.4	**BS02-../D05LA4**	5.40	225	1000	-	-	12	5.3
0.4 HP (0.3 kW)	265	3.1	74	8.4	**BS04-../D05LA4**	6.13	292	1300	-	-	13	5.8
0.4 HP (0.3 kW)	240	2.5	90	10.2	**BS02-../D05LA4**	6.75	225	1000	-	-	12	5.3
0.4 HP (0.3 kW)	197	2.0	108	12.2	**BS02-../D05LA4**	8.25	247	1100	-	-	12	5.3
0.4 HP (0.3 kW)	182	2.5	108	12.2	**BS04-../D05LA4**	8.93	337	1500	-	-	13	5.8
0.4 HP (0.3 kW)	152	1.6	136	15.4	**BS02-../D05LA4**	10.67	281	1250	-	-	12	5.3
0.4 HP (0.3 kW)	151	2.2	130	14.7	**BS04-../D05LA4**	10.73	360	1600	-	-	13	5.8
0.4 HP (0.3 kW)	124	1.85	157	17.7	**BS04-../D05LA4**	13.09	396	1760	-	-	13	5.8
0.4 HP (0.3 kW)	120	1.35	165	18.6	**BS02-../D05LA4**	13.50	281	1250	-	-	12	5.3
0.4 HP (0.3 kW)	120	3.0	165	18.6	**BS03-../D05LA4**	13.50	360	1600	-	-	12	5.4
0.4 HP (0.3 kW)	100	1.6	195	22	**BS04-../D05LA4**	16.31	443	1970	-	-	13	5.8
0.4 HP (0.3 kW)	98	3.1	204	23	**BS06-../D05LA4**	16.56	540	2400	-	-	22	10
0.4 HP (0.3 kW)	90	1.05	208	23.5	**BS02-../D05LA4**	18.00	281	1250	-	-	12	5.3
0.4 HP (0.3 kW)	90	1.5	199	22.5	**BS04-../D05LA4**	18.00	438	1950	-	-	13	5.8
0.4 HP (0.3 kW)	86	2.2	221	25	**BS03-../D05LA4**	19.00	438	1950	-	-	12	5.4
0.4 HP (0.3 kW)	82	2.7	243	27.5	**BS06-../D05LA4**	19.82	562	2500	-	-	22	10
0.4 HP (0.3 kW)	78	1.35	243	27.5	**BS04-../D05LA4**	20.96	472	2100	-	-	13	5.8
0.4 HP (0.3 kW)	74	0.93	239	27	**BS02-../D05LA4**	22.00	281	1250	-	-	12	5.3
0.4 HP (0.3 kW)	67	1.05	283	32	**BS04-../D05LA4**	24.25	506	2250	-	-	13	5.8
0.4 HP (0.3 kW)	67	2.3	301	34	**BS06-../D05LA4**	24.25	585	2600	-	-	22	10
0.4 HP (0.3 kW)	65	1.85	266	30	**BS03-../D05LA4**	25.00	438	1950	-	-	12	5.4
0.4 HP (0.3 kW)	62	1.15	288	32.5	**BS04-../D05LA4**	26.21	506	2250	-	-	13	5.8
0.4 HP (0.3 kW)	62	2.3	296	33.5	**BS06-../D05LA4**	26.21	674	3000	-	-	22	10
0.4 HP (0.3 kW)	60	0.83	266	30	**BS02-../D05LA4**	27.00	281	1250	-	-	12	5.3

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

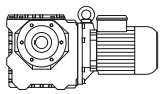
0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	52	0.99	341	38.5	**BS04-../D05LA4**	31.50	506	2250	-	-	13	5.8
0.4 HP (0.3 kW)	52	2.0	354	40	**BS06-../D05LA4**	31.50	719	3200	-	-	22	10
0.4 HP (0.3 kW)	49.5	1.55	310	35	**BS03-../D05LA4**	33.00	438	1950	-	-	12	5.4
0.4 HP (0.3 kW)	48.5	3.0	394	44.5	**BS10-../D06LA4**	33.55	798	3550	-	-	51	23
0.4 HP (0.3 kW)	42.5	0.8	412	46.5	**BS04-../D05LA4**	38.42	506	2250	-	-	13	5.8
0.4 HP (0.3 kW)	42	1.25	385	43.5	**BS03-../D05LA4**	39.00	438	1950	-	-	12	5.4
0.4 HP (0.3 kW)	41	2.7	460	52	**BS10-../D06LA4**	39.96	854	3800	-	-	51	23
0.4 HP (0.3 kW)	39.5	1.65	460	52	**BS06-../D05LA4**	41.29	787	3500	-	-	22	10
0.4 HP (0.3 kW)	34.5	2.3	549	62	**BS10-../D06LA4**	47.59	910	4050	-	-	51	23
0.4 HP (0.3 kW)	33.5	1.45	540	61	**BS06-../D05LA4**	48.60	787	3500	-	-	22	10
0.4 HP (0.3 kW)	32.5	1.1	451	51	**BS03-../D05LA4**	50.00	438	1950	-	-	12	5.4
0.4 HP (0.3 kW)	28.5	2.0	655	74	**BS10-../D06LA4**	57.12	978	4350	-	-	51	23
0.4 HP (0.3 kW)	28	1.25	637	72	**BS06-../D05LA4**	58.15	787	3500	-	-	22	10
0.4 HP (0.3 kW)	27	2.1	628	71	**BS10-../D06LA4**	60.74	1023	4550	-	-	51	23
0.4 HP (0.3 kW)	26.5	0.84	504	57	**BS03-../D05LA4**	62.00	438	1950	-	-	12	5.4
0.4 HP (0.3 kW)	25.5	1.05	673	76	**BS06-../D05LA4**	64.06	787	3500	-	-	22	10
0.4 HP (0.3 kW)	23.5	3.3	805	91	**BS20-../D06LA4**	70.30	1416	6300	-	-	75	34
0.4 HP (0.3 kW)	23	1.05	779	88	**BS06-../D05LA4**	71.18	787	3500	-	-	22	10
0.4 HP (0.3 kW)	23	1.75	814	92	**BS10-../D06LA4**	71.96	1124	5000	-	-	51	23
0.4 HP (0.3 kW)	21.5	0.96	788	89	**BS06-../D05LA4**	77.00	787	3500	-	-	22	10
0.4 HP (0.3 kW)	21.5	3.1	770	87	**BS20-../D06LA4**	76.18	1484	6600	-	-	75	34
0.4 HP (0.3 kW)	19.5	1.4	956	108	**BS10-../D06LA4**	84.36	1191	5300	-	-	51	23
0.4 HP (0.3 kW)	18.5	2.6	903	102	**BS20-../D06LA4**	88.67	1574	7000	-	-	75	34
0.4 HP (0.3 kW)	18	0.88	982	111	**BS06-../D05LA4**	90.00	787	3500	-	-	22	10
0.4 HP (0.3 kW)	16.5	1.95	1133	128	**BS20-../D06LA4**	101.1	1596	7100	-	-	75	34
0.4 HP (0.3 kW)	16	0.81	1089	123	**BS06-../D05LA4**	103.1	787	3500	-	-	22	10
0.4 HP (0.3 kW)	16	1.4	1009	114	**BS10-../D06LA4**	103.4	1259	5600	-	-	51	23
0.4 HP (0.3 kW)	15.5	2.2	1071	121	**BS20-../D06LA4**	106.3	1709	7600	-	-	75	34
0.4 HP (0.3 kW)	14	0.8	1336	151	**BS10-../D06LA4**	119.6	1349	6000	-	-	51	23
0.4 HP (0.3 kW)	13	1.85	1283	145	**BS20-../D06LA4**	127.3	1798	8000	-	-	75	34
0.4 HP (0.3 kW)	12.5	1.1	1292	146	**BS10-../D06LA4**	130.3	1349	6000	-	-	51	23
0.4 HP (0.3 kW)	11	0.99	1469	166	**BS10-../D06LA4**	152.7	1349	6000	-	-	51	23
0.4 HP (0.3 kW)	11	3.1	1540	174	**BS30-../D06LA4**	151.1	2136	9500	-	-	112	51
0.4 HP (0.3 kW)	10.5	1.55	1593	180	**BS20-../D06LA4**	159.4	1798	8000	-	-	75	34
0.4 HP (0.3 kW)	8.9	1.35	1859	210	**BS20-../D06LA4**	183.0	1798	8000	-	-	75	34
0.4 HP (0.3 kW)	8.7	2.5	1903	215	**BS30-../D06LA4**	186.7	2248	10000	-	-	112	51
0.4 HP (0.3 kW)	8.6	0.81	1859	210	**BS10-../D06LA4**	188.6	1349	6000	-	-	51	23
0.4 HP (0.3 kW)	8.3	2.7	2257	255	**BS40Z-../D06LA4**	197.1	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	7.5	2.1	2213	250	**BS30-../D06LA4**	216.4	2248	10000	-	-	112	51
0.4 HP (0.3 kW)	7.2	1.15	2213	250	**BS20-../D06LA4**	225.6	1798	8000	-	-	75	34
0.4 HP (0.3 kW)	6.5	3.3	2434	275	**BS40Z-../D06LA4**	249.6	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	6.3	1.0	2567	290	**BS20Z-../D06LA4**	257.8	1798	8000	-	-	77	35
0.4 HP (0.3 kW)	6.2	1.85	2655	300	**BS30Z-../D06LA4**	261.6	2248	10000	-	-	119	54
0.4 HP (0.3 kW)	5.7	1.95	3275	370	**BS40Z-../D06LA4**	287.7	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	5.4	0.91	2921	330	**BS20Z-../D06LA4**	300.1	1798	8000	-	-	77	35
0.4 HP (0.3 kW)	5.4	3.2	2921	330	**BS40Z-../D06LA4**	302.1	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	5.3	1.65	3098	350	**BS30Z-../D06LA4**	306.6	2248	10000	-	-	119	54
0.4 HP (0.3 kW)	4.6	0.83	3408	385	**BS20Z-../D06LA4**	359.9	1798	8000	-	-	77	35
0.4 HP (0.3 kW)	4.6	0.86	4071	460	**BS30Z-../D06LA4**	359.6	2248	10000	-	-	119	54
0.4 HP (0.3 kW)	4.6	2.8	3452	390	**BS40Z-../D06LA4**	356.8	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	4.2	1.35	3894	440	**BS30Z-../D06LA4**	390.2	2248	10000	-	-	119	54
0.4 HP (0.3 kW)	3.7	2.0	4293	485	**BS40Z-../D06LA4**	446.8	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	3.6	1.2	4425	500	**BS30Z-../D06LA4**	457.3	2248	10000	-	-	119	54
0.4 HP (0.3 kW)	3.2	1.95	4956	560	**BS40Z-../D07LA4**	520.8	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	3.1	1.0	5222	590	**BS30Z-../D07LA4**	539.3	2248	10000	-	-	119	54
0.4 HP (0.3 kW)	2.7	1.4	5664	640	**BS40Z-../D07LA4**	612.1	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	2.5	0.85	6019	680	**BS30Z-../D07LA4**	651.0	2248	10000	-	-	119	54

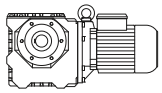
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.4 HP (0.3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	2.2	0.97	6904	780	**BS40Z-../D07LA4**	736.5	3372	15000	-	-	150	68
0.4 HP (0.3 kW)	1.8	0.8	8231	930	**BS40Z-../D07LA4**	908.2	3372	15000	-	-	150	68

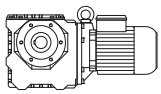
0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	355	1.7	77	8.7	**BS02-../D07LA4**	4.60	225	1000	-	-	15	6.8
0.5 HP (0.37 kW)	300	1.95	91	10.3	**BS02-../D07LA4**	5.40	225	1000	-	-	15	6.8
0.5 HP (0.37 kW)	265	2.5	92	10.4	**BS04-../D07LA4**	6.13	292	1300	-	-	16	7.3
0.5 HP (0.37 kW)	240	2.0	112	12.6	**BS02-../D07LA4**	6.75	225	1000	-	-	15	6.8
0.5 HP (0.37 kW)	197	1.65	133	15	**BS02-../D07LA4**	8.25	247	1100	-	-	15	6.8
0.5 HP (0.37 kW)	182	2.0	134	15.1	**BS04-../D07LA4**	8.93	337	1500	-	-	16	7.3
0.5 HP (0.37 kW)	152	1.3	168	19	**BS02-../D07LA4**	10.67	281	1250	-	-	15	6.8
0.5 HP (0.37 kW)	151	1.75	161	18.2	**BS04-../D07LA4**	10.73	360	1600	-	-	16	7.3
0.5 HP (0.37 kW)	124	1.55	190	21.5	**BS04-../D07LA4**	13.09	396	1760	-	-	16	7.3
0.5 HP (0.37 kW)	120	1.1	199	22.5	**BS02-../D07LA4**	13.50	281	1250	-	-	15	6.8
0.5 HP (0.37 kW)	120	2.4	199	22.5	**BS03-../D07LA4**	13.50	360	1600	-	-	15	6.9
0.5 HP (0.37 kW)	116	2.8	217	24.5	**BS06-../D07LA4**	14.07	495	2200	-	-	26	12
0.5 HP (0.37 kW)	100	1.3	239	27	**BS04-../D07LA4**	16.31	443	1970	-	-	16	7.3
0.5 HP (0.37 kW)	98	2.5	252	28.5	**BS06-../D07LA4**	16.56	540	2400	-	-	26	12
0.5 HP (0.37 kW)	90	0.86	257	29	**BS02-../D07LA4**	18.00	281	1250	-	-	15	6.8
0.5 HP (0.37 kW)	90	1.25	243	27.5	**BS04-../D07LA4**	18.00	438	1950	-	-	16	7.3
0.5 HP (0.37 kW)	86	1.75	274	31	**BS03-../D07LA4**	19.00	438	1950	-	-	15	6.9
0.5 HP (0.37 kW)	82	2.2	301	34	**BS06-../D07LA4**	19.82	562	2500	-	-	26	12
0.5 HP (0.37 kW)	78	1.1	301	34	**BS04-../D07LA4**	20.96	472	2100	-	-	16	7.3
0.5 HP (0.37 kW)	75	3.3	332	37.5	**BS10-../D07LA4**	21.61	674	3000	-	-	51	23
0.5 HP (0.37 kW)	67	0.85	354	40	**BS04-../D07LA4**	24.25	506	2250	-	-	16	7.3
0.5 HP (0.37 kW)	67	1.85	372	42	**BS06-../D07LA4**	24.25	585	2600	-	-	26	12
0.5 HP (0.37 kW)	65	1.45	332	37.5	**BS03-../D07LA4**	25.00	438	1950	-	-	15	6.9
0.5 HP (0.37 kW)	62	0.95	354	40	**BS04-../D07LA4**	26.21	506	2250	-	-	16	7.3
0.5 HP (0.37 kW)	62	1.85	367	41.5	**BS06-../D07LA4**	26.21	674	3000	-	-	26	12
0.5 HP (0.37 kW)	62	3.0	389	44	**BS10-../D07LA4**	26.42	731	3250	-	-	51	23
0.5 HP (0.37 kW)	52	0.8	420	47.5	**BS04-../D07LA4**	31.50	506	2250	-	-	16	7.3
0.5 HP (0.37 kW)	52	1.6	438	49.5	**BS06-../D07LA4**	31.50	719	3200	-	-	26	12
0.5 HP (0.37 kW)	49.5	1.25	385	43.5	**BS03-../D07LA4**	33.00	438	1950	-	-	15	6.9
0.5 HP (0.37 kW)	48.5	2.5	487	55	**BS10-../D07LA4**	33.55	798	3550	-	-	51	23
0.5 HP (0.37 kW)	42	1.05	469	53	**BS03-../D07LA4**	39.00	438	1950	-	-	15	6.9
0.5 HP (0.37 kW)	41	2.2	566	64	**BS10-../D07LA4**	39.96	854	3800	-	-	51	23
0.5 HP (0.37 kW)	39.5	1.35	566	64	**BS06-../D07LA4**	41.29	787	3500	-	-	26	12
0.5 HP (0.37 kW)	34.5	1.9	673	76	**BS10-../D07LA4**	47.59	910	4050	-	-	51	23
0.5 HP (0.37 kW)	33.5	1.15	664	75	**BS06-../D07LA4**	48.60	787	3500	-	-	26	12
0.5 HP (0.37 kW)	32.5	0.87	558	63	**BS03-../D07LA4**	50.00	438	1950	-	-	15	6.9
0.5 HP (0.37 kW)	28.5	1.65	805	91	**BS10-../D07LA4**	57.12	978	4350	-	-	51	23
0.5 HP (0.37 kW)	28	1.0	788	89	**BS06-../D07LA4**	58.15	787	3500	-	-	26	12
0.5 HP (0.37 kW)	28	3.0	832	94	**BS20-../D07LA4**	58.74	1326	5900	-	-	75	34
0.5 HP (0.37 kW)	27	1.7	770	87	**BS10-../D07LA4**	60.74	1023	4550	-	-	51	23
0.5 HP (0.37 kW)	25.5	0.85	832	94	**BS06-../D07LA4**	64.06	787	3500	-	-	26	12
0.5 HP (0.37 kW)	23.5	2.7	991	112	**BS20-../D07LA4**	70.30	1416	6300	-	-	75	34
0.5 HP (0.37 kW)	23	0.86	965	109	**BS06-../D07LA4**	71.18	787	3500	-	-	26	12
0.5 HP (0.37 kW)	23	1.4	1000	113	**BS10-../D07LA4**	71.96	1124	5000	-	-	51	23

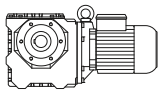
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.5 HP (0.37 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	21.5	2.5	956	108	**BS20-../D07LA4**	76.18	1484	6600	-	-	75	34
0.5 HP (0.37 kW)	19.5	1.1	1186	134	**BS10-../D07LA4**	84.36	1191	5300	-	-	51	23
0.5 HP (0.37 kW)	19.5	2.9	1230	139	**BS30-../D07LA4**	83.48	1529	6800	-	-	112	51
0.5 HP (0.37 kW)	18.5	2.1	1115	126	**BS20-../D07LA4**	88.67	1574	7000	-	-	75	34
0.5 HP (0.37 kW)	16.5	1.6	1398	158	**BS20-../D07LA4**	101.1	1596	7100	-	-	75	34
0.5 HP (0.37 kW)	16	1.15	1248	141	**BS10-../D07LA4**	103.4	1259	5600	-	-	51	23
0.5 HP (0.37 kW)	15.5	1.8	1328	150	**BS20-../D07LA4**	106.3	1709	7600	-	-	75	34
0.5 HP (0.37 kW)	15.5	3.3	1372	155	**BS30-../D07LA4**	106.2	1843	8200	-	-	112	51
0.5 HP (0.37 kW)	13	1.5	1584	179	**BS20-../D07LA4**	127.3	1798	8000	-	-	75	34
0.5 HP (0.37 kW)	13	2.8	1629	184	**BS30-../D07LA4**	125.2	1956	8700	-	-	112	51
0.5 HP (0.37 kW)	12.5	0.91	1593	180	**BS10-../D07LA4**	130.3	1349	6000	-	-	51	23
0.5 HP (0.37 kW)	11	0.8	1814	205	**BS10-../D07LA4**	152.7	1349	6000	-	-	51	23
0.5 HP (0.37 kW)	11	2.5	1903	215	**BS30-../D07LA4**	151.1	2136	9500	-	-	112	51
0.5 HP (0.37 kW)	10.5	1.25	1947	220	**BS20-../D07LA4**	159.4	1798	8000	-	-	75	34
0.5 HP (0.37 kW)	8.9	1.1	2301	260	**BS20-../D07LA4**	183.0	1798	8000	-	-	75	34
0.5 HP (0.37 kW)	8.7	2.0	2345	265	**BS30-../D07LA4**	186.7	2248	10000	-	-	112	51
0.5 HP (0.37 kW)	8.3	2.2	2788	315	**BS40Z-../D07LA4**	197.1	3372	15000	-	-	150	68
0.5 HP (0.37 kW)	7.5	1.7	2744	310	**BS30-../D07LA4**	216.4	2248	10000	-	-	112	51
0.5 HP (0.37 kW)	7.2	0.94	2744	310	**BS20-../D07LA4**	225.6	1798	8000	-	-	75	34
0.5 HP (0.37 kW)	6.5	2.6	3009	340	**BS40Z-../D07LA4**	249.6	3372	15000	-	-	150	68
0.5 HP (0.37 kW)	6.3	0.83	3142	355	**BS20Z-../D07LA4**	257.8	1798	8000	-	-	77	35
0.5 HP (0.37 kW)	6.2	1.5	3319	375	**BS30Z-../D07LA4**	261.6	2248	10000	-	-	119	54
0.5 HP (0.37 kW)	5.7	1.55	4027	455	**BS40Z-../D07LA4**	287.7	3372	15000	-	-	150	68
0.5 HP (0.37 kW)	5.4	2.6	3629	410	**BS40Z-../D07LA4**	302.1	3372	15000	-	-	150	68
0.5 HP (0.37 kW)	5.3	1.35	3806	430	**BS30Z-../D07LA4**	306.6	2248	10000	-	-	119	54
0.5 HP (0.37 kW)	4.6	2.3	4248	480	**BS40Z-../D07LA4**	356.8	3372	15000	-	-	150	68
0.5 HP (0.37 kW)	4.2	1.1	4779	540	**BS30Z-../D07LA4**	390.2	2248	10000	-	-	119	54
0.5 HP (0.37 kW)	3.7	1.65	5310	600	**BS40Z-../D07LA4**	446.8	3372	15000	-	-	150	68
0.5 HP (0.37 kW)	3.6	0.97	5487	620	**BS30Z-../D07LA4**	457.3	2248	10000	-	-	119	54
0.5 HP (0.37 kW)	3.2	1.6	6107	690	**BS40Z-../D07LA4**	520.8	3372	15000	-	-	150	68
0.5 HP (0.37 kW)	3.1	0.83	6373	720	**BS30Z-../D07LA4**	539.3	2248	10000	-	-	119	54
0.5 HP (0.37 kW)	2.7	1.15	6992	790	**BS40Z-../D07LA4**	612.1	3372	15000	-	-	150	68

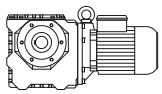
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	370	3.2	110	12.4	**BS03-../D08MA4**	4.60	241	1070	-	-	22	10
0.75 HP (0.55 kW)	280	2.7	146	16.5	**BS03-../D08MA4**	6.00	263	1170	-	-	22	10
0.75 HP (0.55 kW)	210	2.2	190	21.5	**BS03-../D08MA4**	8.00	297	1320	-	-	22	10
0.75 HP (0.55 kW)	189	2.8	199	22.5	**BS06-../D08MA4**	8.93	384	1710	-	-	35	16
0.75 HP (0.55 kW)	168	2.0	230	26	**BS03-../D08MA4**	10.00	326	1450	-	-	22	10
0.75 HP (0.55 kW)	157	2.4	239	27	**BS06-../D08MA4**	10.73	416	1850	-	-	35	16
0.75 HP (0.55 kW)	125	1.7	288	32.5	**BS03-../D08MA4**	13.50	360	1600	-	-	22	10
0.75 HP (0.55 kW)	120	1.95	310	35	**BS06-../D08MA4**	14.07	495	2200	-	-	35	16
0.75 HP (0.55 kW)	102	1.75	363	41	**BS06-../D08MA4**	16.56	540	2400	-	-	35	16
0.75 HP (0.55 kW)	100	2.9	372	42	**BS10-../D08MA4**	16.92	607	2700	-	-	60	27
0.75 HP (0.55 kW)	89	1.25	394	44.5	**BS03-../D08MA4**	19.00	438	1950	-	-	22	10
0.75 HP (0.55 kW)	85	1.55	434	49	**BS06-../D08MA4**	19.82	562	2500	-	-	35	16
0.75 HP (0.55 kW)	78	2.4	469	53	**BS10-../D08MA4**	21.61	674	3000	-	-	60	27
0.75 HP (0.55 kW)	75	2.4	425	48	**BS10-../D08MA4**	22.60	719	3200	-	-	60	27
0.75 HP (0.55 kW)	70	1.3	531	60	**BS06-../D08MA4**	24.25	585	2600	-	-	35	16

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

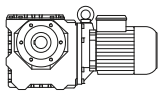
0.75 HP (0.55 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	68	1.05	469	53	**BS03-../D08MA4**	25.00	438	1950	-	-	22	10
0.75 HP (0.55 kW)	65	1.35	513	58	**BS06-../D08MA4**	26.21	674	3000	-	-	35	16
0.75 HP (0.55 kW)	64	2.0	566	64	**BS10-../D08MA4**	26.42	731	3250	-	-	60	27
0.75 HP (0.55 kW)	55	2.0	575	65	**BS10-../D08MA4**	30.63	798	3550	-	-	60	27
0.75 HP (0.55 kW)	54	1.15	628	71	**BS06-../D08MA4**	31.50	719	3200	-	-	35	16
0.75 HP (0.55 kW)	51	0.89	549	62	**BS03-../D08MA4**	33.00	438	1950	-	-	22	10
0.75 HP (0.55 kW)	51	1.75	690	78	**BS10-../D08MA4**	33.55	798	3550	-	-	60	27
0.75 HP (0.55 kW)	42.5	1.5	814	92	**BS10-../D08MA4**	39.96	854	3800	-	-	60	27
0.75 HP (0.55 kW)	42	2.9	797	90	**BS20-../D08MA4**	40.25	1191	5300	-	-	82	37
0.75 HP (0.55 kW)	41	0.93	814	92	**BS06-../D08MA4**	41.29	787	3500	-	-	35	16
0.75 HP (0.55 kW)	40	2.7	876	99	**BS20-../D08MA4**	42.08	1169	5200	-	-	82	37
0.75 HP (0.55 kW)	35.5	1.3	974	110	**BS10-../D08MA4**	47.59	910	4050	-	-	60	27
0.75 HP (0.55 kW)	35	0.81	956	108	**BS06-../D08MA4**	48.60	787	3500	-	-	35	16
0.75 HP (0.55 kW)	34.5	2.4	1009	114	**BS20-../D08MA4**	48.98	1236	5500	-	-	82	37
0.75 HP (0.55 kW)	33.5	2.6	929	105	**BS20-../D08MA4**	50.44	1281	5700	-	-	82	37
0.75 HP (0.55 kW)	29.5	1.15	1159	131	**BS10-../D08MA4**	57.12	978	4350	-	-	60	27
0.75 HP (0.55 kW)	29	2.1	1195	135	**BS20-../D08MA4**	58.74	1326	5900	-	-	82	37
0.75 HP (0.55 kW)	29	3.3	1230	139	**BS30-../D08MA4**	58.64	1551	6900	-	-	121	55
0.75 HP (0.55 kW)	28	1.2	1106	125	**BS10-../D08MA4**	60.74	1023	4550	-	-	60	27
0.75 HP (0.55 kW)	24	1.85	1452	164	**BS20-../D08MA4**	70.30	1416	6300	-	-	82	37
0.75 HP (0.55 kW)	24	3.1	1354	153	**BS30-../D08MA4**	71.17	1574	7000	-	-	121	55
0.75 HP (0.55 kW)	23.5	0.97	1460	165	**BS10-../D08MA4**	71.96	1124	5000	-	-	60	27
0.75 HP (0.55 kW)	22.5	1.75	1363	154	**BS20-../D08MA4**	76.18	1484	6600	-	-	82	37
0.75 HP (0.55 kW)	20.5	2.1	1744	197	**BS30-../D08MA4**	83.48	1529	6800	-	-	121	55
0.75 HP (0.55 kW)	19	1.5	1611	182	**BS20-../D08MA4**	88.67	1574	7000	-	-	82	37
0.75 HP (0.55 kW)	19	2.6	1682	190	**BS30-../D08MA4**	90.59	1731	7700	-	-	121	55
0.75 HP (0.55 kW)	17	1.1	1991	225	**BS20-../D08MA4**	101.1	1596	7100	-	-	82	37
0.75 HP (0.55 kW)	16.5	0.8	1770	200	**BS10-../D08MA4**	103.4	1259	5600	-	-	60	27
0.75 HP (0.55 kW)	16	1.25	1903	215	**BS20-../D08MA4**	106.3	1709	7600	-	-	82	37
0.75 HP (0.55 kW)	16	2.3	1947	220	**BS30-../D08MA4**	106.2	1843	8200	-	-	121	55
0.75 HP (0.55 kW)	13.5	1.05	2257	255	**BS20-../D08MA4**	127.3	1798	8000	-	-	82	37
0.75 HP (0.55 kW)	13.5	2.0	2301	260	**BS30-../D08MA4**	125.2	1956	8700	-	-	121	55
0.75 HP (0.55 kW)	11.5	1.75	2699	305	**BS30-../D08MA4**	151.1	2136	9500	-	-	121	55
0.75 HP (0.55 kW)	11.5	3.3	2611	295	**BS40-../D08MA4**	148.1	3372	15000	-	-	150	68
0.75 HP (0.55 kW)	11	0.87	2788	315	**BS20-../D08MA4**	159.4	1798	8000	-	-	82	37
0.75 HP (0.55 kW)	9.5	2.3	3142	355	**BS40-../D08MA4**	178.2	3372	15000	-	-	150	68
0.75 HP (0.55 kW)	9.0	1.4	3408	385	**BS30-../D08MA4**	186.7	2248	10000	-	-	121	55
0.75 HP (0.55 kW)	7.8	1.2	3894	440	**BS30-../D08MA4**	216.4	2248	10000	-	-	121	55
0.75 HP (0.55 kW)	7.7	1.85	3762	425	**BS40-../D08MA4**	219.7	3372	15000	-	-	150	68
0.75 HP (0.55 kW)	6.8	1.85	4293	485	**BS40Z-../D08MA4**	249.6	3372	15000	-	-	157	71
0.75 HP (0.55 kW)	6.5	1.05	4691	530	**BS30Z-../D08MA4**	261.6	2248	10000	-	-	128	58
0.75 HP (0.55 kW)	5.9	1.1	5753	650	**BS40Z-../D08MA4**	287.7	3372	15000	-	-	157	71
0.75 HP (0.55 kW)	5.6	1.8	5222	590	**BS40Z-../D08MA4**	302.1	3372	15000	-	-	157	71
0.75 HP (0.55 kW)	5.5	0.94	5487	620	**BS30Z-../D08MA4**	306.6	2248	10000	-	-	128	58
0.75 HP (0.55 kW)	4.8	1.6	6019	680	**BS40Z-../D08MA4**	356.8	3372	15000	-	-	157	71
0.75 HP (0.55 kW)	3.8	1.15	7700	870	**BS40Z-../D08MA4**	446.8	3372	15000	-	-	157	71
0.75 HP (0.55 kW)	3.3	1.1	8851	1000	**BS40Z-../D08MA4**	520.8	3372	15000	-	-	157	71
0.75 HP (0.55 kW)	2.8	0.8	10090	1140	**BS40Z-../D08MA4**	612.1	3372	15000	-	-	157	71

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

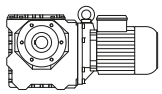
1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	380	2.4	146	16.5	**BS03-../DPE08XB4**	4.60	241	1070	-	-	29	13
1 HP (0.75 kW)	290	2.0	190	21.5	**BS03-../DPE08XB4**	6.00	263	1170	-	-	29	13
1 HP (0.75 kW)	265	2.6	190	21.5	**BS06-../DPE08XB4**	6.67	348	1550	-	-	42	19
1 HP (0.75 kW)	220	1.75	243	27.5	**BS03-../DPE08XB4**	8.00	297	1320	-	-	29	13
1 HP (0.75 kW)	195	2.1	261	29.5	**BS06-../DPE08XB4**	8.93	384	1710	-	-	42	19
1 HP (0.75 kW)	174	1.5	305	34.5	**BS03-../DPE08XB4**	10.00	326	1450	-	-	29	13
1 HP (0.75 kW)	162	1.85	314	35.5	**BS06-../DPE08XB4**	10.73	416	1850	-	-	42	19
1 HP (0.75 kW)	139	2.6	363	41	**BS10-../DPE08XB4**	12.49	540	2400	-	-	66	30
1 HP (0.75 kW)	129	1.3	381	43	**BS03-../DPE08XB4**	13.50	360	1600	-	-	29	13
1 HP (0.75 kW)	124	1.45	412	46.5	**BS06-../DPE08XB4**	14.07	495	2200	-	-	42	19
1 HP (0.75 kW)	105	1.35	478	54	**BS06-../DPE08XB4**	16.56	540	2400	-	-	42	19
1 HP (0.75 kW)	103	2.2	487	55	**BS10-../DPE08XB4**	16.92	607	2700	-	-	66	30
1 HP (0.75 kW)	92	0.93	522	59	**BS03-../DPE08XB4**	19.00	438	1950	-	-	29	13
1 HP (0.75 kW)	88	1.15	575	65	**BS06-../DPE08XB4**	19.82	562	2500	-	-	42	19
1 HP (0.75 kW)	81	1.8	620	70	**BS10-../DPE08XB4**	21.61	674	3000	-	-	66	30
1 HP (0.75 kW)	79	3.2	646	73	**BS20-../DPE08XB4**	22.23	922	4100	-	-	88	40
1 HP (0.75 kW)	77	1.85	566	64	**BS10-../DPE08XB4**	22.60	719	3200	-	-	66	30
1 HP (0.75 kW)	72	0.97	699	79	**BS06-../DPE08XB4**	24.25	585	2600	-	-	42	19
1 HP (0.75 kW)	67	0.99	690	78	**BS06-../DPE08XB4**	26.21	674	3000	-	-	42	19
1 HP (0.75 kW)	66	1.55	743	84	**BS10-../DPE08XB4**	26.42	731	3250	-	-	66	30
1 HP (0.75 kW)	63	2.8	779	88	**BS20-../DPE08XB4**	27.86	1000	4450	-	-	88	40
1 HP (0.75 kW)	57	1.5	761	86	**BS10-../DPE08XB4**	30.63	798	3550	-	-	66	30
1 HP (0.75 kW)	57	2.8	797	90	**BS20-../DPE08XB4**	30.63	1068	4750	-	-	88	40
1 HP (0.75 kW)	56	0.86	823	93	**BS06-../DPE08XB4**	31.50	719	3200	-	-	42	19
1 HP (0.75 kW)	53	2.6	920	104	**BS20-../DPE08XB4**	32.87	1068	4750	-	-	88	40
1 HP (0.75 kW)	52	1.3	920	104	**BS10-../DPE08XB4**	33.55	798	3550	-	-	66	30
1 HP (0.75 kW)	44.5	3.3	1151	130	**BS30-../DPE08XB4**	39.31	1236	5500	-	-	128	58
1 HP (0.75 kW)	43.5	1.15	1089	123	**BS10-../DPE08XB4**	39.96	854	3800	-	-	66	30
1 HP (0.75 kW)	43.5	2.2	1044	118	**BS20-../DPE08XB4**	40.25	1191	5300	-	-	88	40
1 HP (0.75 kW)	41.5	2.1	1159	131	**BS20-../DPE08XB4**	42.08	1169	5200	-	-	88	40
1 HP (0.75 kW)	36.5	0.99	1301	147	**BS10-../DPE08XB4**	47.59	910	4050	-	-	66	30
1 HP (0.75 kW)	35.5	1.8	1336	151	**BS20-../DPE08XB4**	48.98	1236	5500	-	-	88	40
1 HP (0.75 kW)	35	2.9	1390	157	**BS30-../DPE08XB4**	50.04	1326	5900	-	-	128	58
1 HP (0.75 kW)	34.5	1.95	1230	139	**BS20-../DPE08XB4**	50.44	1281	5700	-	-	88	40
1 HP (0.75 kW)	30.5	0.87	1531	173	**BS10-../DPE08XB4**	57.12	978	4350	-	-	66	30
1 HP (0.75 kW)	30	1.55	1584	179	**BS20-../DPE08XB4**	58.74	1326	5900	-	-	88	40
1 HP (0.75 kW)	30	2.5	1620	183	**BS30-../DPE08XB4**	58.64	1551	6900	-	-	128	58
1 HP (0.75 kW)	29	0.91	1460	165	**BS10-../DPE08XB4**	60.74	1023	4550	-	-	66	30
1 HP (0.75 kW)	25	1.45	1859	210	**BS20-../DPE08XB4**	70.30	1416	6300	-	-	88	40
1 HP (0.75 kW)	24.5	2.4	1770	200	**BS30-../DPE08XB4**	71.17	1574	7000	-	-	128	58
1 HP (0.75 kW)	23	1.3	1814	205	**BS20-../DPE08XB4**	76.18	1484	6600	-	-	88	40
1 HP (0.75 kW)	21	1.55	2301	260	**BS30-../DPE08XB4**	83.48	1529	6800	-	-	128	58
1 HP (0.75 kW)	20	1.15	2080	235	**BS20-../DPE08XB4**	88.67	1574	7000	-	-	88	40
1 HP (0.75 kW)	19.5	1.95	2213	250	**BS30-../DPE08XB4**	90.59	1731	7700	-	-	128	58
1 HP (0.75 kW)	17.5	0.83	2655	300	**BS20-../DPE08XB4**	101.1	1596	7100	-	-	88	40
1 HP (0.75 kW)	16.5	0.95	2522	285	**BS20-../DPE08XB4**	106.3	1709	7600	-	-	88	40
1 HP (0.75 kW)	16.5	1.75	2611	295	**BS30-../DPE08XB4**	106.2	1843	8200	-	-	128	58
1 HP (0.75 kW)	16.5	3.3	2567	290	**BS40-../DPE08XB4**	108.1	3147	14000	-	-	157	71
1 HP (0.75 kW)	14	0.81	2965	335	**BS20-../DPE08XB4**	127.3	1798	8000	-	-	88	40
1 HP (0.75 kW)	14	1.5	3054	345	**BS30-../DPE08XB4**	125.2	1956	8700	-	-	128	58
1 HP (0.75 kW)	14	2.9	3009	340	**BS40-../DPE08XB4**	126.0	3350	14900	-	-	157	71
1 HP (0.75 kW)	12	2.5	3408	385	**BS40-../DPE08XB4**	148.1	3372	15000	-	-	157	71
1 HP (0.75 kW)	11.5	1.3	3673	415	**BS30-../DPE08XB4**	151.1	2136	9500	-	-	128	58
1 HP (0.75 kW)	9.8	1.7	4204	475	**BS40-../DPE08XB4**	178.2	3372	15000	-	-	157	71
1 HP (0.75 kW)	9.3	1.1	4425	500	**BS30-../DPE08XB4**	186.7	2248	10000	-	-	128	58
1 HP (0.75 kW)	8.1	0.9	5133	580	**BS30-../DPE08XB4**	216.4	2248	10000	-	-	128	58
1 HP (0.75 kW)	7.9	1.4	5045	570	**BS40-../DPE08XB4**	219.7	3372	15000	-	-	157	71
1 HP (0.75 kW)	7.0	1.4	5664	640	**BS40Z-../DPE08XB4**	249.6	3372	15000	-	-	163	74

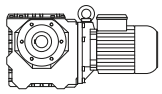
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

1 HP (0.75 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	6.7	0.8	6196	700	**BS30Z-../DPE08XB4**	261.6	2248	10000	-	-	132	60
1 HP (0.75 kW)	6.1	0.83	7612	860	**BS40Z-../DPE08XB4**	287.7	3372	15000	-	-	163	74
1 HP (0.75 kW)	5.8	1.4	6815	770	**BS40Z-../DPE08XB4**	302.1	3372	15000	-	-	163	74
1 HP (0.75 kW)	4.9	1.15	8143	920	**BS40Z-../DPE08XB4**	356.8	3372	15000	-	-	163	74
1 HP (0.75 kW)	3.9	0.86	10178	1150	**BS40Z-../DPE08XB4**	446.8	3372	15000	-	-	163	74
1 HP (0.75 kW)	3.4	0.83	11683	1320	**BS40Z-../DPE08XB4**	520.8	3372	15000	-	-	163	74

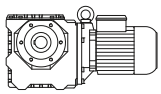
1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	141	1.85	522	59	**BS10-../DPE09XB4**	12.49	540	2400	-	-	88	40
1.5 HP (1.1 kW)	138	3.3	540	61	**BS20-../DPE09XB4**	12.77	753	3350	-	-	110	50
1.5 HP (1.1 kW)	104	1.5	708	80	**BS10-../DPE09XB4**	16.92	607	2700	-	-	88	40
1.5 HP (1.1 kW)	104	2.7	717	81	**BS20-../DPE09XB4**	16.92	832	3700	-	-	110	50
1.5 HP (1.1 kW)	82	1.25	903	102	**BS10-../DPE09XB4**	21.61	674	3000	-	-	88	40
1.5 HP (1.1 kW)	79	2.1	947	107	**BS20-../DPE09XB4**	22.23	922	4100	-	-	110	50
1.5 HP (1.1 kW)	78	1.25	814	92	**BS10-../DPE09XB4**	22.60	719	3200	-	-	88	40
1.5 HP (1.1 kW)	76	2.3	876	99	**BS20-../DPE09XB4**	23.13	967	4300	-	-	110	50
1.5 HP (1.1 kW)	67	1.05	1080	122	**BS10-../DPE09XB4**	26.42	731	3250	-	-	88	40
1.5 HP (1.1 kW)	65	3.0	1186	134	**BS30-../DPE09XB4**	27.07	1068	4750	-	-	150	68
1.5 HP (1.1 kW)	63	1.9	1151	130	**BS20-../DPE09XB4**	27.86	1000	4450	-	-	110	50
1.5 HP (1.1 kW)	58	1.05	1097	124	**BS10-../DPE09XB4**	30.63	798	3550	-	-	88	40
1.5 HP (1.1 kW)	58	1.9	1151	130	**BS20-../DPE09XB4**	30.63	1068	4750	-	-	110	50
1.5 HP (1.1 kW)	58	3.0	1195	135	**BS30-../DPE09XB4**	30.63	1124	5000	-	-	150	68
1.5 HP (1.1 kW)	54	1.8	1319	149	**BS20-../DPE09XB4**	32.87	1068	4750	-	-	110	50
1.5 HP (1.1 kW)	53	0.9	1328	150	**BS10-../DPE09XB4**	33.55	798	3550	-	-	88	40
1.5 HP (1.1 kW)	53	2.6	1434	162	**BS30-../DPE09XB4**	33.55	1169	5200	-	-	150	68
1.5 HP (1.1 kW)	46.5	2.5	1496	169	**BS30-../DPE09XB4**	37.92	1236	5500	-	-	150	68
1.5 HP (1.1 kW)	45	2.3	1673	189	**BS30-../DPE09XB4**	39.31	1236	5500	-	-	150	68
1.5 HP (1.1 kW)	44	1.5	1513	171	**BS20-../DPE09XB4**	40.25	1191	5300	-	-	110	50
1.5 HP (1.1 kW)	42	1.4	1682	190	**BS20-../DPE09XB4**	42.08	1169	5200	-	-	110	50
1.5 HP (1.1 kW)	36	1.25	1903	215	**BS20-../DPE09XB4**	48.98	1236	5500	-	-	110	50
1.5 HP (1.1 kW)	35.5	2.0	1991	225	**BS30-../DPE09XB4**	50.04	1326	5900	-	-	150	68
1.5 HP (1.1 kW)	35	1.35	1770	200	**BS20-../DPE09XB4**	50.44	1281	5700	-	-	110	50
1.5 HP (1.1 kW)	30	1.1	2301	260	**BS20-../DPE09XB4**	58.74	1326	5900	-	-	110	50
1.5 HP (1.1 kW)	30	1.75	2345	265	**BS30-../DPE09XB4**	58.64	1551	6900	-	-	150	68
1.5 HP (1.1 kW)	25.5	2.4	2788	315	**BS40-../DPE09XB4**	69.60	2653	11800	-	-	179	81
1.5 HP (1.1 kW)	25	0.95	2788	315	**BS20-../DPE09XB4**	70.30	1416	6300	-	-	110	50
1.5 HP (1.1 kW)	25	1.65	2567	290	**BS30-../DPE09XB4**	71.17	1574	7000	-	-	150	68
1.5 HP (1.1 kW)	24.5	2.9	2655	300	**BS40-../DPE09XB4**	73.09	2720	12100	-	-	179	81
1.5 HP (1.1 kW)	23.5	0.92	2611	295	**BS20-../DPE09XB4**	76.18	1484	6600	-	-	110	50
1.5 HP (1.1 kW)	21.5	1.1	3319	375	**BS30-../DPE09XB4**	83.48	1529	6800	-	-	150	68
1.5 HP (1.1 kW)	20.5	2.6	3098	350	**BS40-../DPE09XB4**	86.33	2900	12900	-	-	179	81
1.5 HP (1.1 kW)	19.5	1.3	3275	370	**BS30-../DPE09XB4**	90.59	1731	7700	-	-	150	68
1.5 HP (1.1 kW)	17	1.2	3717	420	**BS30-../DPE09XB4**	106.2	1843	8200	-	-	150	68
1.5 HP (1.1 kW)	16.5	2.2	3762	425	**BS40-../DPE09XB4**	108.1	3147	14000	-	-	179	81
1.5 HP (1.1 kW)	14.5	1.05	4337	490	**BS30-../DPE09XB4**	125.2	1956	8700	-	-	150	68
1.5 HP (1.1 kW)	14	1.95	4425	500	**BS40-../DPE09XB4**	126.0	3350	14900	-	-	179	81
1.5 HP (1.1 kW)	12	0.93	5133	580	**BS30-../DPE09XB4**	151.1	2136	9500	-	-	150	68
1.5 HP (1.1 kW)	12	1.75	4956	560	**BS40-../DPE09XB4**	148.1	3372	15000	-	-	179	81
1.5 HP (1.1 kW)	9.9	1.2	6019	680	**BS40-../DPE09XB4**	178.2	3372	15000	-	-	179	81

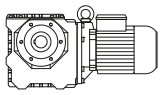
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

1.5 HP (1.1 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	8.0	0.97	7258	820	**BS40-../DPE09XB4**	219.7	3372	15000	-	-	179	81
1.5 HP (1.1 kW)	7.1	0.97	8231	930	**BS40Z-../DPE09XB4**	249.6	3372	15000	-	-	185	84
1.5 HP (1.1 kW)	5.9	0.96	9913	1120	**BS40Z-../DPE09XB4**	302.1	3372	15000	-	-	185	84
1.5 HP (1.1 kW)	5.0	0.82	11683	1320	**BS40Z-../DPE09XB4**	356.8	3372	15000	-	-	185	84

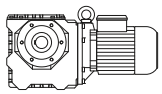
2 HP (1.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	140	1.35	717	81	**BS10-../DPE09XB4**	12.49	540	2400	-	-	88	40
2 HP (1.5 kW)	137	2.4	743	84	**BS20-../DPE09XB4**	12.77	753	3350	-	-	110	50
2 HP (1.5 kW)	104	1.1	974	110	**BS10-../DPE09XB4**	16.92	607	2700	-	-	88	40
2 HP (1.5 kW)	104	2.0	982	111	**BS20-../DPE09XB4**	16.92	832	3700	-	-	110	50
2 HP (1.5 kW)	104	3.2	1009	114	**BS30-../DPE09XB4**	16.92	888	3950	-	-	150	68
2 HP (1.5 kW)	84	2.7	1248	141	**BS30-../DPE09XB4**	20.94	967	4300	-	-	150	68
2 HP (1.5 kW)	81	0.89	1248	141	**BS10-../DPE09XB4**	21.61	674	3000	-	-	88	40
2 HP (1.5 kW)	79	1.6	1292	146	**BS20-../DPE09XB4**	22.23	922	4100	-	-	110	50
2 HP (1.5 kW)	78	0.93	1115	126	**BS10-../DPE09XB4**	22.60	719	3200	-	-	88	40
2 HP (1.5 kW)	76	1.7	1195	135	**BS20-../DPE09XB4**	23.13	967	4300	-	-	110	50
2 HP (1.5 kW)	73	2.5	1301	147	**BS30-../DPE09XB4**	24.06	1034	4600	-	-	150	68
2 HP (1.5 kW)	65	2.2	1611	182	**BS30-../DPE09XB4**	27.07	1068	4750	-	-	150	68
2 HP (1.5 kW)	63	1.4	1567	177	**BS20-../DPE09XB4**	27.86	1000	4450	-	-	110	50
2 HP (1.5 kW)	57	1.4	1593	180	**BS20-../DPE09XB4**	30.63	1068	4750	-	-	110	50
2 HP (1.5 kW)	57	2.1	1664	188	**BS30-../DPE09XB4**	30.63	1124	5000	-	-	150	68
2 HP (1.5 kW)	54	1.35	1770	200	**BS20-../DPE09XB4**	32.87	1068	4750	-	-	110	50
2 HP (1.5 kW)	53	1.9	1947	220	**BS30-../DPE09XB4**	33.55	1169	5200	-	-	150	68
2 HP (1.5 kW)	46.5	1.85	2036	230	**BS30-../DPE09XB4**	37.92	1236	5500	-	-	150	68
2 HP (1.5 kW)	44.5	1.65	2301	260	**BS30-../DPE09XB4**	39.31	1236	5500	-	-	150	68
2 HP (1.5 kW)	43.5	1.1	2080	235	**BS20-../DPE09XB4**	40.25	1191	5300	-	-	110	50
2 HP (1.5 kW)	43.5	3.1	2301	260	**BS40-../DPE09XB4**	40.37	2023	9000	-	-	179	81
2 HP (1.5 kW)	41.5	1.05	2301	260	**BS20-../DPE09XB4**	42.08	1169	5200	-	-	110	50
2 HP (1.5 kW)	37	2.8	2655	300	**BS40-../DPE09XB4**	47.69	2158	9600	-	-	179	81
2 HP (1.5 kW)	36	0.92	2611	295	**BS20-../DPE09XB4**	48.98	1236	5500	-	-	110	50
2 HP (1.5 kW)	35	1.0	2390	270	**BS20-../DPE09XB4**	50.44	1281	5700	-	-	110	50
2 HP (1.5 kW)	35	1.45	2788	315	**BS30-../DPE09XB4**	50.04	1326	5900	-	-	150	68
2 HP (1.5 kW)	30	1.25	3231	365	**BS30-../DPE09XB4**	58.64	1551	6900	-	-	150	68
2 HP (1.5 kW)	29	2.5	3098	350	**BS40-../DPE09XB4**	60.38	2518	11200	-	-	179	81
2 HP (1.5 kW)	25.5	1.75	3806	430	**BS40-../DPE09XB4**	69.60	2653	11800	-	-	179	81
2 HP (1.5 kW)	25	1.2	3540	400	**BS30-../DPE09XB4**	71.17	1574	7000	-	-	150	68
2 HP (1.5 kW)	24	2.1	3673	415	**BS40-../DPE09XB4**	73.09	2720	12100	-	-	179	81
2 HP (1.5 kW)	20.5	1.9	4248	480	**BS40-../DPE09XB4**	86.33	2900	12900	-	-	179	81
2 HP (1.5 kW)	19.5	0.98	4425	500	**BS30-../DPE09XB4**	90.59	1731	7700	-	-	150	68
2 HP (1.5 kW)	16.5	0.86	5222	590	**BS30-../DPE09XB4**	106.2	1843	8200	-	-	150	68
2 HP (1.5 kW)	16.5	1.65	5133	580	**BS40-../DPE09XB4**	108.1	3147	14000	-	-	179	81
2 HP (1.5 kW)	14	1.45	6019	680	**BS40-../DPE09XB4**	126.0	3350	14900	-	-	179	81
2 HP (1.5 kW)	12	1.25	6815	770	**BS40-../DPE09XB4**	148.1	3372	15000	-	-	179	81
2 HP (1.5 kW)	9.8	0.86	8408	950	**BS40-../DPE09XB4**	178.2	3372	15000	-	-	179	81

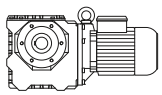
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

2.4 HP (1.8 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	141	1.1	859	97	**BS10-../DPE09XB4C**	12.49	540	2400	-	-	95	43
2.4 HP (1.8 kW)	138	2.0	885	100	**BS20-../DPE09XB4C**	12.77	753	3350	-	-	117	53
2.4 HP (1.8 kW)	133	3.1	947	107	**BS30-../DPE09XB4C**	13.29	809	3600	-	-	157	71
2.4 HP (1.8 kW)	105	0.92	1151	130	**BS10-../DPE09XB4C**	16.92	607	2700	-	-	95	43
2.4 HP (1.8 kW)	105	1.65	1168	132	**BS20-../DPE09XB4C**	16.92	832	3700	-	-	117	53
2.4 HP (1.8 kW)	105	2.7	1195	135	**BS30-../DPE09XB4C**	16.92	888	3950	-	-	157	71
2.4 HP (1.8 kW)	85	2.3	1478	167	**BS30-../DPE09XB4C**	20.94	967	4300	-	-	157	71
2.4 HP (1.8 kW)	80	1.3	1540	174	**BS20-../DPE09XB4C**	22.23	922	4100	-	-	117	53
2.4 HP (1.8 kW)	77	1.45	1416	160	**BS20-../DPE09XB4C**	23.13	967	4300	-	-	117	53
2.4 HP (1.8 kW)	74	2.1	1540	174	**BS30-../DPE09XB4C**	24.06	1034	4600	-	-	157	71
2.4 HP (1.8 kW)	66	1.85	1903	215	**BS30-../DPE09XB4C**	27.07	1068	4750	-	-	157	71
2.4 HP (1.8 kW)	64	1.2	1814	205	**BS20-../DPE09XB4C**	27.86	1000	4450	-	-	117	53
2.4 HP (1.8 kW)	58	1.2	1859	210	**BS20-../DPE09XB4C**	30.63	1068	4750	-	-	117	53
2.4 HP (1.8 kW)	58	1.8	1947	220	**BS30-../DPE09XB4C**	30.63	1124	5000	-	-	157	71
2.4 HP (1.8 kW)	54	1.1	2168	245	**BS20-../DPE09XB4C**	32.87	1068	4750	-	-	117	53
2.4 HP (1.8 kW)	53	1.6	2345	265	**BS30-../DPE09XB4C**	33.55	1169	5200	-	-	157	71
2.4 HP (1.8 kW)	53	3.1	2257	255	**BS40-../DPE09XB4C**	33.35	1866	8300	-	-	185	84
2.4 HP (1.8 kW)	46.5	1.55	2434	275	**BS30-../DPE09XB4C**	37.92	1236	5500	-	-	157	71
2.4 HP (1.8 kW)	46.5	2.9	2345	265	**BS40-../DPE09XB4C**	38.13	2113	9400	-	-	185	84
2.4 HP (1.8 kW)	45	1.4	2699	305	**BS30-../DPE09XB4C**	39.31	1236	5500	-	-	157	71
2.4 HP (1.8 kW)	44	0.93	2478	280	**BS20-../DPE09XB4C**	40.25	1191	5300	-	-	117	53
2.4 HP (1.8 kW)	44	2.6	2699	305	**BS40-../DPE09XB4C**	40.37	2023	9000	-	-	185	84
2.4 HP (1.8 kW)	42	0.87	2744	310	**BS20-../DPE09XB4C**	42.08	1169	5200	-	-	117	53
2.4 HP (1.8 kW)	37	2.3	3186	360	**BS40-../DPE09XB4C**	47.69	2158	9600	-	-	185	84
2.4 HP (1.8 kW)	35.5	1.2	3275	370	**BS30-../DPE09XB4C**	50.04	1326	5900	-	-	157	71
2.4 HP (1.8 kW)	35	0.83	2876	325	**BS20-../DPE09XB4C**	50.44	1281	5700	-	-	117	53
2.4 HP (1.8 kW)	30.5	1.05	3806	430	**BS30-../DPE09XB4C**	58.64	1551	6900	-	-	157	71
2.4 HP (1.8 kW)	29.5	2.1	3629	410	**BS40-../DPE09XB4C**	60.38	2518	11200	-	-	185	84
2.4 HP (1.8 kW)	25.5	1.45	4514	510	**BS40-../DPE09XB4C**	69.60	2653	11800	-	-	185	84
2.4 HP (1.8 kW)	25	1.0	4248	480	**BS30-../DPE09XB4C**	71.17	1574	7000	-	-	157	71
2.4 HP (1.8 kW)	24.5	1.8	4337	490	**BS40-../DPE09XB4C**	73.09	2720	12100	-	-	185	84
2.4 HP (1.8 kW)	20.5	1.6	5045	570	**BS40-../DPE09XB4C**	86.33	2900	12900	-	-	185	84
2.4 HP (1.8 kW)	19.5	0.82	5310	600	**BS30-../DPE09XB4C**	90.59	1731	7700	-	-	157	71
2.4 HP (1.8 kW)	16.5	1.4	6107	690	**BS40-../DPE09XB4C**	108.1	3147	14000	-	-	185	84
2.4 HP (1.8 kW)	14	1.2	7258	820	**BS40-../DPE09XB4C**	126.0	3350	14900	-	-	185	84
2.4 HP (1.8 kW)	12	1.05	8231	930	**BS40-../DPE09XB4C**	148.1	3372	15000	-	-	185	84

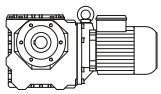
3 HP (2.2 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	133	2.5	1159	131	**BS30-../DPE11LB4**	13.29	809	3600	-	-	196	89
3 HP (2.2 kW)	105	2.2	1469	166	**BS30-../DPE11LB4**	16.92	888	3950	-	-	196	89
3 HP (2.2 kW)	85	1.85	1814	205	**BS30-../DPE11LB4**	20.94	967	4300	-	-	196	89
3 HP (2.2 kW)	74	1.75	1859	210	**BS30-../DPE11LB4**	24.06	1034	4600	-	-	196	89
3 HP (2.2 kW)	68	3.0	2213	250	**BS40-../DPE11LB4**	26.18	1686	7500	-	-	236	107
3 HP (2.2 kW)	66	1.55	2301	260	**BS30-../DPE11LB4**	27.07	1068	4750	-	-	196	89
3 HP (2.2 kW)	58	1.5	2390	270	**BS30-../DPE11LB4**	30.63	1124	5000	-	-	196	89
3 HP (2.2 kW)	58	2.8	2345	265	**BS40-../DPE11LB4**	30.63	1956	8700	-	-	236	107
3 HP (2.2 kW)	53	1.3	2876	325	**BS30-../DPE11LB4**	33.55	1169	5200	-	-	196	89
3 HP (2.2 kW)	53	2.5	2788	315	**BS40-../DPE11LB4**	33.35	1866	8300	-	-	236	107
3 HP (2.2 kW)	46.5	1.25	2965	335	**BS30-../DPE11LB4**	37.92	1236	5500	-	-	196	89

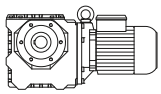
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

3 HP (2.2 kW)



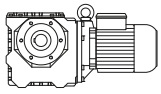
P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	46.5	2.4	2876	325	**BS40-../DPE11LB4**	38.13	2113	9400	-	-	236	107
3 HP (2.2 kW)	45	1.15	3319	375	**BS30-../DPE11LB4**	39.31	1236	5500	-	-	196	89
3 HP (2.2 kW)	44	2.1	3319	375	**BS40-../DPE11LB4**	40.37	2023	9000	-	-	236	107
3 HP (2.2 kW)	37	1.9	3894	440	**BS40-../DPE11LB4**	47.69	2158	9600	-	-	236	107
3 HP (2.2 kW)	29.5	1.7	4425	500	**BS40-../DPE11LB4**	60.38	2518	11200	-	-	236	107
3 HP (2.2 kW)	25	0.83	5133	580	**BS30-../DPE11LB4**	71.17	1574	7000	-	-	196	89
3 HP (2.2 kW)	24.5	1.45	5310	600	**BS40-../DPE11LB4**	73.09	2720	12100	-	-	236	107
3 HP (2.2 kW)	20.5	1.3	6196	700	**BS40-../DPE11LB4**	86.33	2900	12900	-	-	236	107

4 HP (3 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	133	1.85	1575	178	**BS30-../DPE11LB4**	13.29	809	3600	-	-	196	89
4 HP (3 kW)	105	1.6	1991	225	**BS30-../DPE11LB4**	16.92	888	3950	-	-	196	89
4 HP (3 kW)	105	2.9	2036	230	**BS40-../DPE11LB4**	16.92	1439	6400	-	-	236	107
4 HP (3 kW)	85	1.4	2434	275	**BS30-../DPE11LB4**	20.94	967	4300	-	-	196	89
4 HP (3 kW)	84	2.6	2434	275	**BS40-../DPE11LB4**	21.06	1551	6900	-	-	236	107
4 HP (3 kW)	75	2.5	2478	280	**BS40-../DPE11LB4**	23.59	1776	7900	-	-	236	107
4 HP (3 kW)	74	1.25	2567	290	**BS30-../DPE11LB4**	24.06	1034	4600	-	-	196	89
4 HP (3 kW)	68	2.1	3054	345	**BS40-../DPE11LB4**	26.18	1686	7500	-	-	236	107
4 HP (3 kW)	66	1.1	3186	360	**BS30-../DPE11LB4**	27.07	1068	4750	-	-	196	89
4 HP (3 kW)	58	1.1	3275	370	**BS30-../DPE11LB4**	30.63	1124	5000	-	-	196	89
4 HP (3 kW)	58	2.1	3231	365	**BS40-../DPE11LB4**	30.63	1956	8700	-	-	236	107
4 HP (3 kW)	53	0.95	3894	440	**BS30-../DPE11LB4**	33.55	1169	5200	-	-	196	89
4 HP (3 kW)	53	1.8	3806	430	**BS40-../DPE11LB4**	33.35	1866	8300	-	-	236	107
4 HP (3 kW)	46.5	0.91	4071	460	**BS30-../DPE11LB4**	37.92	1236	5500	-	-	196	89
4 HP (3 kW)	46.5	1.75	3939	445	**BS40-../DPE11LB4**	38.13	2113	9400	-	-	236	107
4 HP (3 kW)	45	0.84	4514	510	**BS30-../DPE11LB4**	39.31	1236	5500	-	-	196	89
4 HP (3 kW)	44	1.55	4514	510	**BS40-../DPE11LB4**	40.37	2023	9000	-	-	236	107
4 HP (3 kW)	37	1.4	5310	600	**BS40-../DPE11LB4**	47.69	2158	9600	-	-	236	107
4 HP (3 kW)	29.5	1.25	6019	680	**BS40-../DPE11LB4**	60.38	2518	11200	-	-	236	107
4 HP (3 kW)	24.5	1.1	7169	810	**BS40-../DPE11LB4**	73.09	2720	12100	-	-	236	107
4 HP (3 kW)	20.5	0.94	8497	960	**BS40-../DPE11LB4**	86.33	2900	12900	-	-	236	107

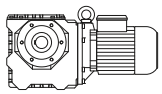
5 HP (3.7 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	136	2.8	1947	220	**BS40-../DPE11LB4**	13.03	1304	5800	-	-	236	107
5 HP (3.7 kW)	133	1.5	1947	220	**BS30-../DPE11LB4**	13.29	809	3600	-	-	196	89
5 HP (3.7 kW)	105	1.3	2434	275	**BS30-../DPE11LB4**	16.92	888	3950	-	-	196	89
5 HP (3.7 kW)	105	2.4	2522	285	**BS40-../DPE11LB4**	16.92	1439	6400	-	-	236	107
5 HP (3.7 kW)	85	1.1	3054	345	**BS30-../DPE11LB4**	20.94	967	4300	-	-	196	89
5 HP (3.7 kW)	84	2.1	3009	340	**BS40-../DPE11LB4**	21.06	1551	6900	-	-	236	107
5 HP (3.7 kW)	75	2.0	3054	345	**BS40-../DPE11LB4**	23.59	1776	7900	-	-	236	107

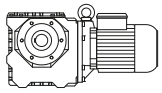
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

5 HP (3.7 kW)



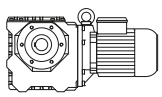
P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	74	1.05	3142	355	**BS30-../DPE11LB4**	24.06	1034	4600	-	-	196	89
5 HP (3.7 kW)	68	1.75	3762	425	**BS40-../DPE11LB4**	26.18	1686	7500	-	-	236	107
5 HP (3.7 kW)	66	0.91	3894	440	**BS30-../DPE11LB4**	27.07	1068	4750	-	-	196	89
5 HP (3.7 kW)	58	0.88	4027	455	**BS30-../DPE11LB4**	30.63	1124	5000	-	-	196	89
5 HP (3.7 kW)	58	1.65	3983	450	**BS40-../DPE11LB4**	30.63	1956	8700	-	-	236	107
5 HP (3.7 kW)	53	1.45	4691	530	**BS40-../DPE11LB4**	33.35	1866	8300	-	-	236	107
5 HP (3.7 kW)	46.5	1.4	4868	550	**BS40-../DPE11LB4**	38.13	2113	9400	-	-	236	107
5 HP (3.7 kW)	44	1.25	5576	630	**BS40-../DPE11LB4**	40.37	2023	9000	-	-	236	107
5 HP (3.7 kW)	37	1.1	6550	740	**BS40-../DPE11LB4**	47.69	2158	9600	-	-	236	107
5 HP (3.7 kW)	29.5	1.0	7523	850	**BS40-../DPE11LB4**	60.38	2518	11200	-	-	236	107
5 HP (3.7 kW)	24.5	0.88	8851	1000	**BS40-../DPE11LB4**	73.09	2720	12100	-	-	236	107

5.5 HP (4.0 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	136	2.6	2080	235	**BS40-../DPE11LB4**	13.03	1304	5800	-	-	236	107
5.5 HP (4.0 kW)	133	1.4	2080	235	**BS30-../DPE11LB4**	13.29	809	3600	-	-	196	89
5.5 HP (4.0 kW)	105	1.2	2655	300	**BS30-../DPE11LB4**	16.92	888	3950	-	-	196	89
5.5 HP (4.0 kW)	105	2.2	2699	305	**BS40-../DPE11LB4**	16.92	1439	6400	-	-	236	107
5.5 HP (4.0 kW)	85	1.05	3275	370	**BS30-../DPE11LB4**	20.94	967	4300	-	-	196	89
5.5 HP (4.0 kW)	84	1.9	3275	370	**BS40-../DPE11LB4**	21.06	1551	6900	-	-	236	107
5.5 HP (4.0 kW)	75	1.85	3319	375	**BS40-../DPE11LB4**	23.59	1776	7900	-	-	236	107
5.5 HP (4.0 kW)	74	0.96	3408	385	**BS30-../DPE11LB4**	24.06	1034	4600	-	-	196	89
5.5 HP (4.0 kW)	68	1.6	4071	460	**BS40-../DPE11LB4**	26.18	1686	7500	-	-	236	107
5.5 HP (4.0 kW)	66	0.83	4248	480	**BS30-../DPE11LB4**	27.07	1068	4750	-	-	196	89
5.5 HP (4.0 kW)	58	0.82	4337	490	**BS30-../DPE11LB4**	30.63	1124	5000	-	-	196	89
5.5 HP (4.0 kW)	58	1.55	4293	485	**BS40-../DPE11LB4**	30.63	1956	8700	-	-	236	107
5.5 HP (4.0 kW)	53	1.35	5045	570	**BS40-../DPE11LB4**	33.35	1866	8300	-	-	236	107
5.5 HP (4.0 kW)	46.5	1.3	5222	590	**BS40-../DPE11LB4**	38.13	2113	9400	-	-	236	107
5.5 HP (4.0 kW)	44	1.2	6019	680	**BS40-../DPE11LB4**	40.37	2023	9000	-	-	236	107
5.5 HP (4.0 kW)	37	1.05	7081	800	**BS40-../DPE11LB4**	47.69	2158	9600	-	-	236	107
5.5 HP (4.0 kW)	29.5	0.95	8054	910	**BS40-../DPE11LB4**	60.38	2518	11200	-	-	236	107
5.5 HP (4.0 kW)	24.5	0.81	9647	1090	**BS40-../DPE11LB4**	73.09	2720	12100	-	-	236	107

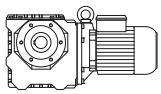
6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	135	2.3	2390	270	**BS40-../DPE11LB4**	13.03	1304	5800	-	-	236	107
6 HP (4.5 kW)	132	1.25	2390	270	**BS30-../DPE11LB4**	13.29	809	3600	-	-	196	89
6 HP (4.5 kW)	104	1.05	3009	340	**BS30-../DPE11LB4**	16.92	888	3950	-	-	196	89
6 HP (4.5 kW)	104	1.9	3098	350	**BS40-../DPE11LB4**	16.92	1439	6400	-	-	236	107
6 HP (4.5 kW)	84	0.9	3717	420	**BS30-../DPE11LB4**	20.94	967	4300	-	-	196	89
6 HP (4.5 kW)	84	1.7	3673	415	**BS40-../DPE11LB4**	21.06	1551	6900	-	-	236	107

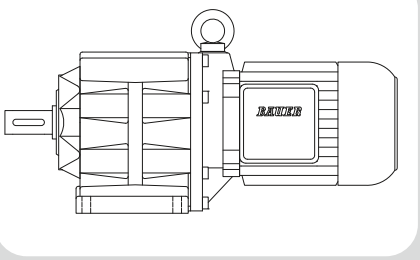
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

6 HP (4.5 kW)



P_N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	**Type**	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	75	1.65	3717	420	**BS40-../DPE11LB4**	23.59	1776	7900	-	-	236	107
6 HP (4.5 kW)	73	0.84	3894	440	**BS30-../DPE11LB4**	24.06	1034	4600	-	-	196	89
6 HP (4.5 kW)	67	1.4	4602	520	**BS40-../DPE11LB4**	26.18	1686	7500	-	-	236	107
6 HP (4.5 kW)	58	1.4	4779	540	**BS40-../DPE11LB4**	30.63	1956	8700	-	-	236	107
6 HP (4.5 kW)	53	1.2	5664	640	**BS40-../DPE11LB4**	33.35	1866	8300	-	-	236	107
6 HP (4.5 kW)	46	1.15	6019	680	**BS40-../DPE11LB4**	38.13	2113	9400	-	-	236	107
6 HP (4.5 kW)	43.5	1.05	6904	780	**BS40-../DPE11LB4**	40.37	2023	9000	-	-	236	107
6 HP (4.5 kW)	37	0.92	7966	900	**BS40-../DPE11LB4**	47.69	2158	9600	-	-	236	107
6 HP (4.5 kW)	29	0.82	9293	1050	**BS40-../DPE11LB4**	60.38	2518	11200	-	-	236	107

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.



10

BG-series helical-geared motors - Dimensions

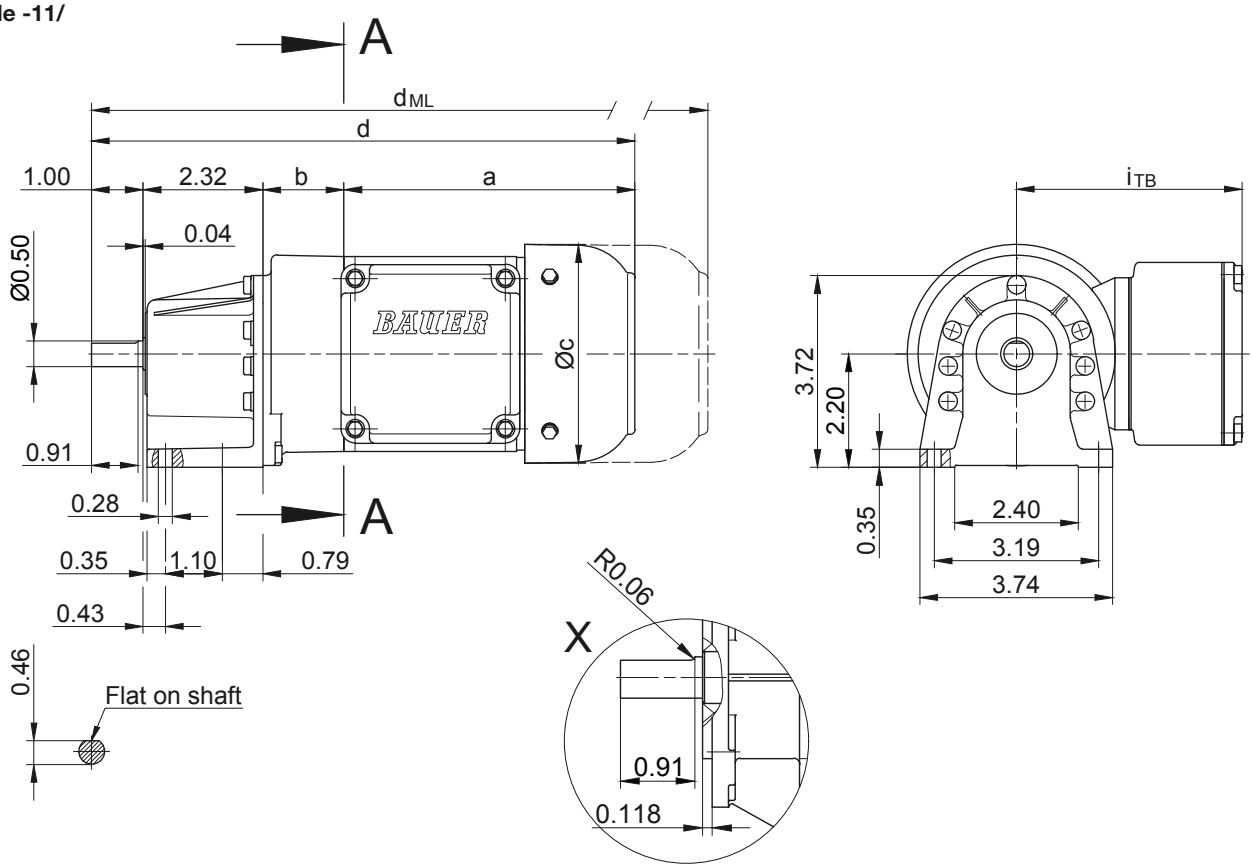
Dimension-Standard Imperial 263
BG04 263
BG05 264
BG06 265
BG10 - BG10Z 266
BG10X - BG10XZ 268
BG15 271
BG20 - BG20Z 272
BG30 - BG30Z 274
BG40 - BG40Z 276
BG50 - BG50Z 278
BG60 - BG60Z 280
BG70 - BG70Z 282
BG80 - BG80Z 284
BG90 - BG90Z 286
BG100 - BG100Z 288
Dimension -Tandem Gearbox Imperial 291
BG06G04 291
BG10G06 292
BG10XG06 294
BG20G06 296
BG30G06 298
BG40G10 300
BG50G10 302
BG60G20 304
BG70G20 306
BG80G40 308
BG90G50 310
BG100G50 312
Dimension - Standard Metric 314
BG04 314
BG05 315
BG06 317
BG10 - BG10Z 318
BG10X - BG10XZ 320
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BG30 - BG30Z 326
BG40 - BG40Z 328
BG50 - BG50Z 330
BG60 - BG60Z 332
BG70 - BG70Z 334
BG80 - BG80Z 336
BG90 - BG90Z 338
BG100 - BG100Z ..... 340 ▶

Dimension - Tandem Gearbox Metric 343

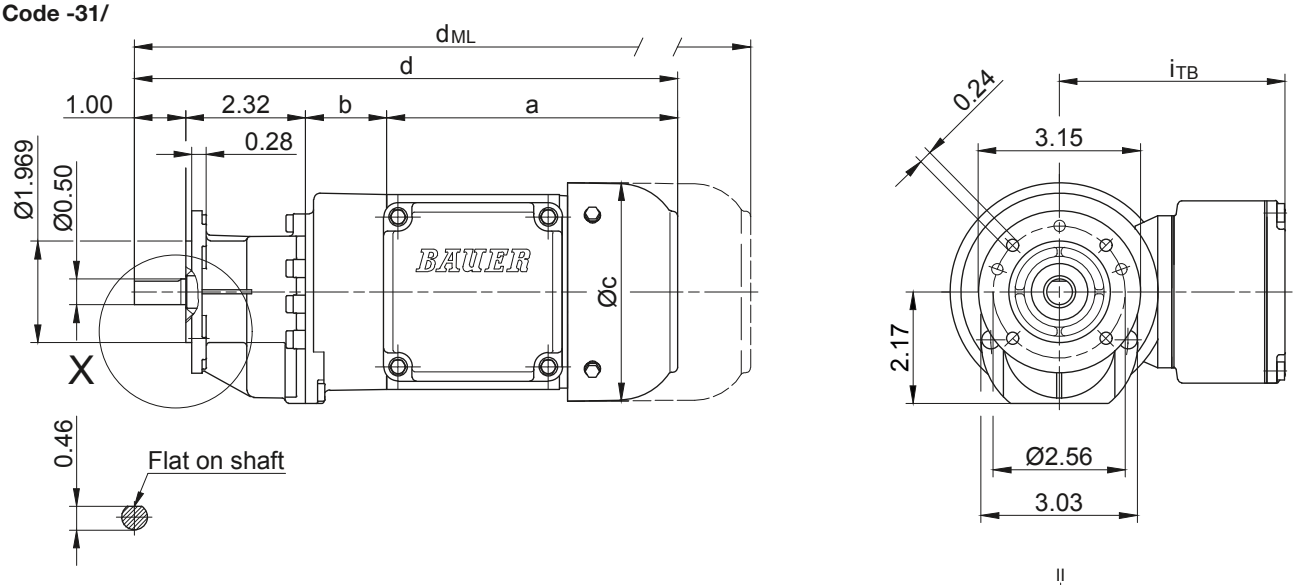
BG06G04 343
BG10G06 344
BG10XG06 346
BG20G06 348
BG30G06 350
BG40G10 352
BG50G10 354
BG60G20 356
BG70G20 358
BG80G40 360
BG90G50 362
BG100G50 364

BG04

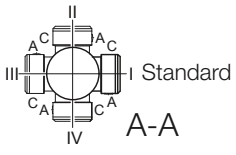
Foot mounting
Code -11/



Flange with clearance holes
Code -31/



Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in



Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG04-../D04.A.	5.61	1.57	4.35	10.51	3.54	4.41	12.22	13.95	15.66	-
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

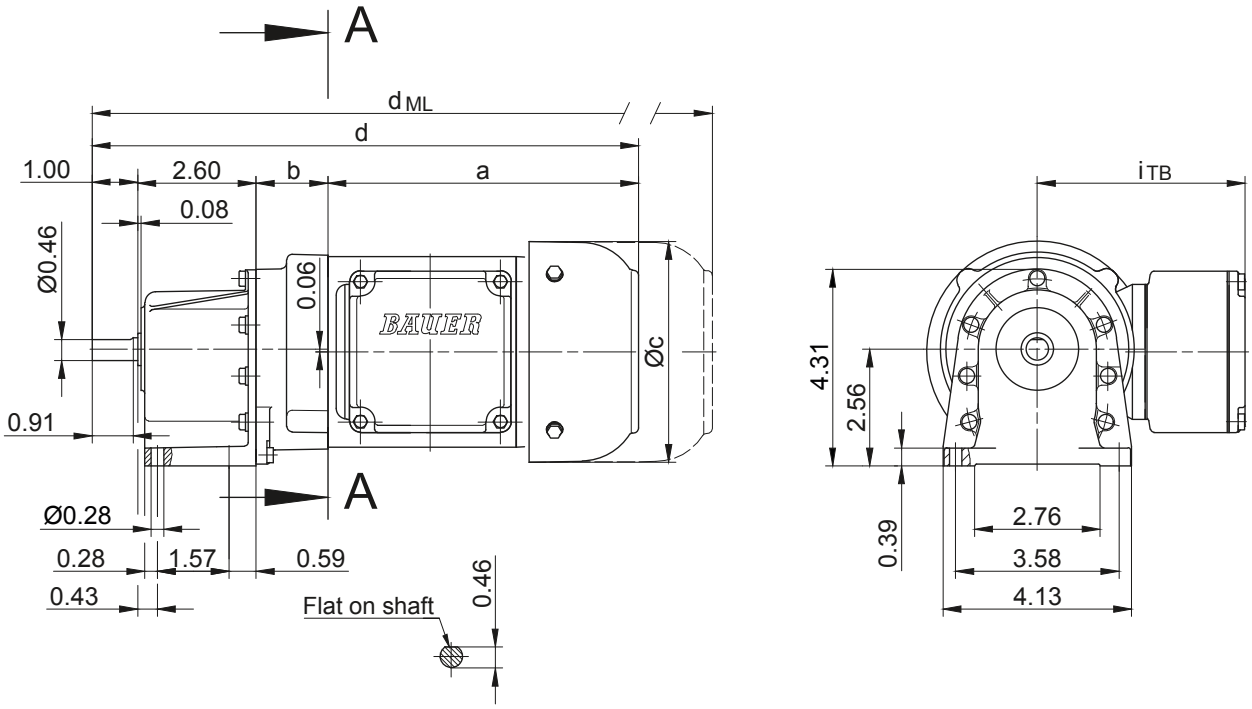
BG-series helical-geared motors

Dimension-Standard Imperial

BG05

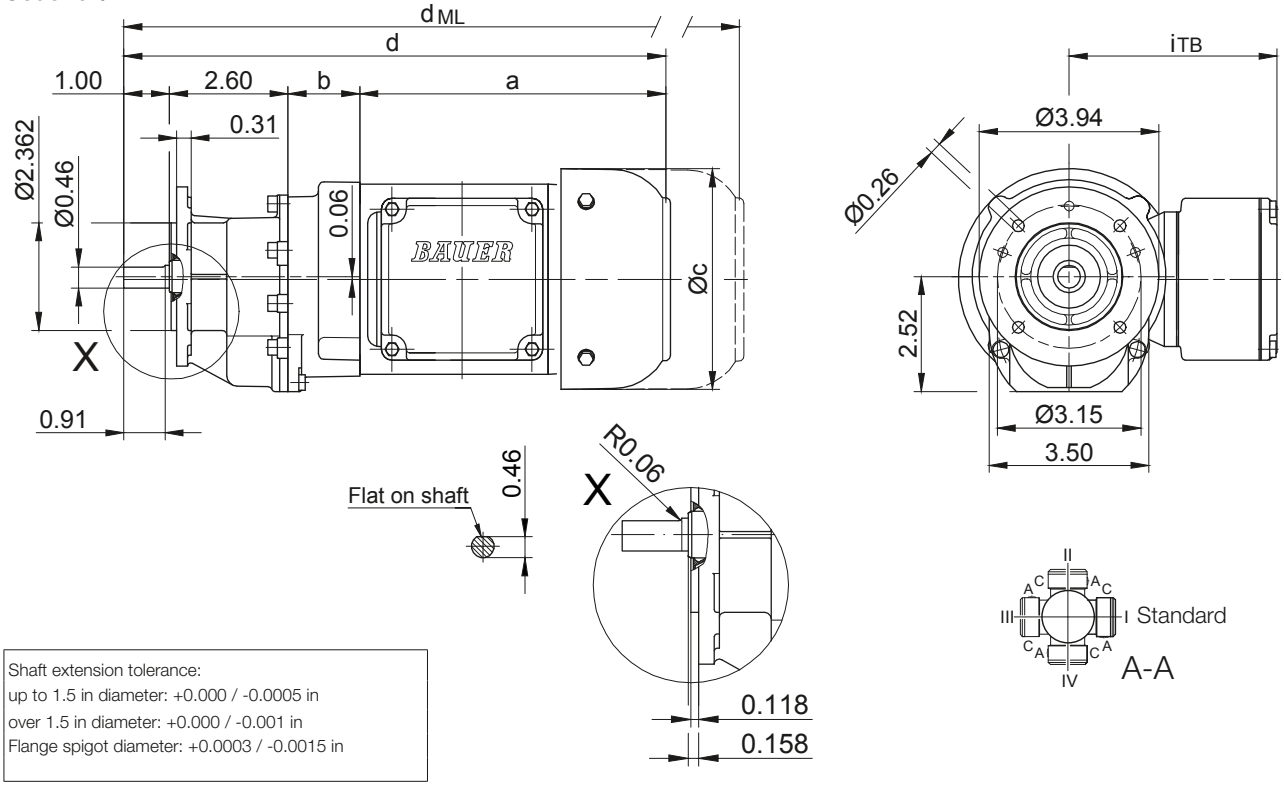
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

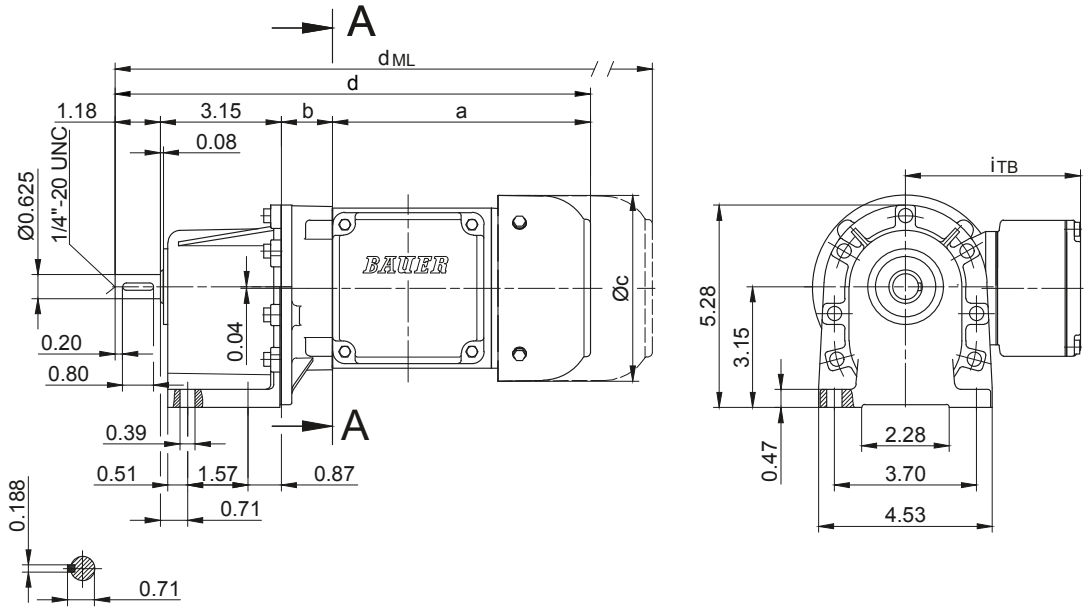
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG05-../D04.A.	5.61	1.50	4.35	10.70	3.54	4.41	12.42	14.15	15.86	-
BG05-../D..05.A.	6.72	1.57	4.84	11.89	4,00	4.61	13.54	15.93	17.40	-
BG05-../D..06.A.	6.70	1.57	4.84	11.88	4,00	4.69	13.53	15.91	17.39	-
BG05-../D..07.A.	7.49	1.57	4.84	12.67	4,00	4.69	14.32	16.70	18.18	-
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG06

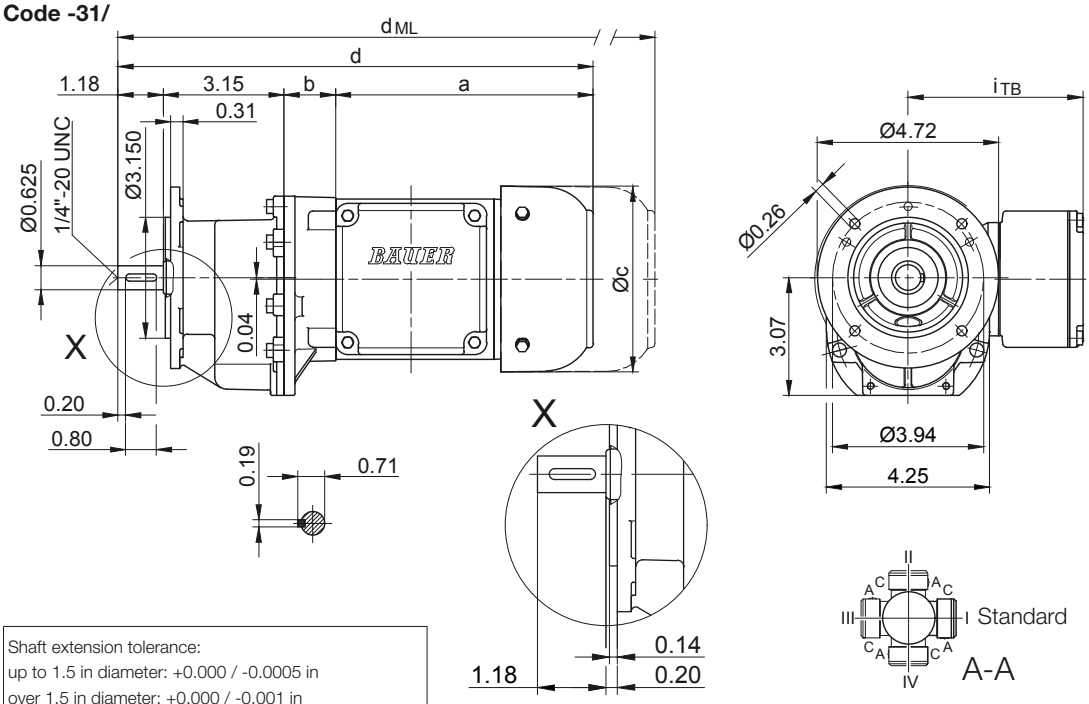
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG06-../D04.A.	5.61	1.26	4.35	11.24	3.54	4.41	12.95	14.68	16.39	-
BG06-../D..05.A.	6.72	1.34	4.84	12.43	4,00	4.61	14.08	16.46	17.94	-
BG06-../D..06.A.	6.70	1.34	4.84	12.41	4,00	4.69	14.07	16.45	17.93	-
BG06-../D..07.A.	7.49	1.34	4.84	13.20	4,00	4.69	14.85	17.24	18.71	-
BG06-../D..08.A.	7.85	3.07	6.14	15.30	4.57	5.37	17.89	19.70	22.13	17.89
BG06-../D..08.B.	9.04	3.07	6.14	16.48	4.57	5.37	19.07	20.89	23.29	19.07
Dimensions in inch										

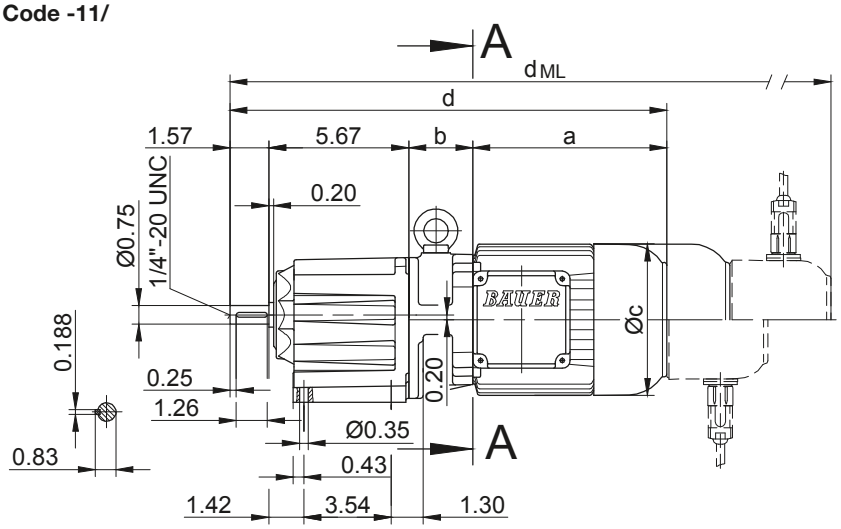
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

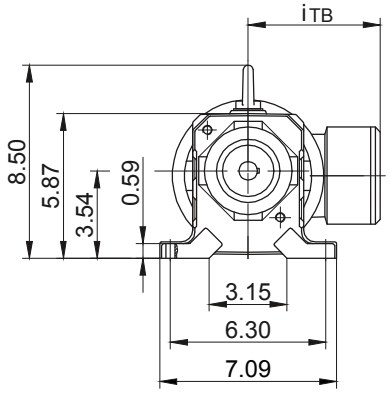
BG-series helical-geared motors

Dimension-Standard Imperial

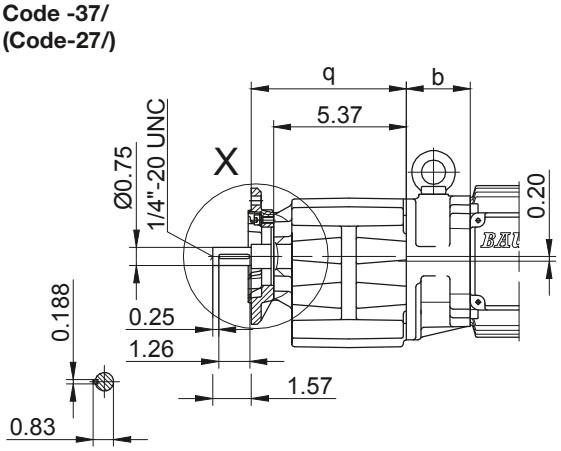
BG10 - BG10Z

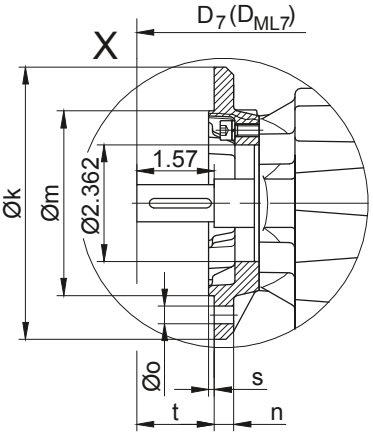
Foot mounting with clearance holes
Code -11/

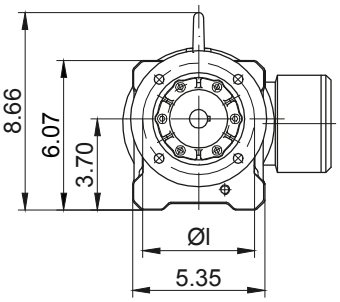


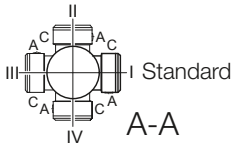


Flange with clearance holes
Code -37/
(Code-27/)









Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10..	Code -37V/	5.512	4.528	3.740	0.394	0.354	6.280	0.118	1.570	d+0.610	d_{ML}+0.610
BG10..	Code -27V/	4.724	3.937	3.150	0.315	0.260	6.083	0.118	1.767	d+0.610	d_{ML}+0.610
Dimensions in inch											

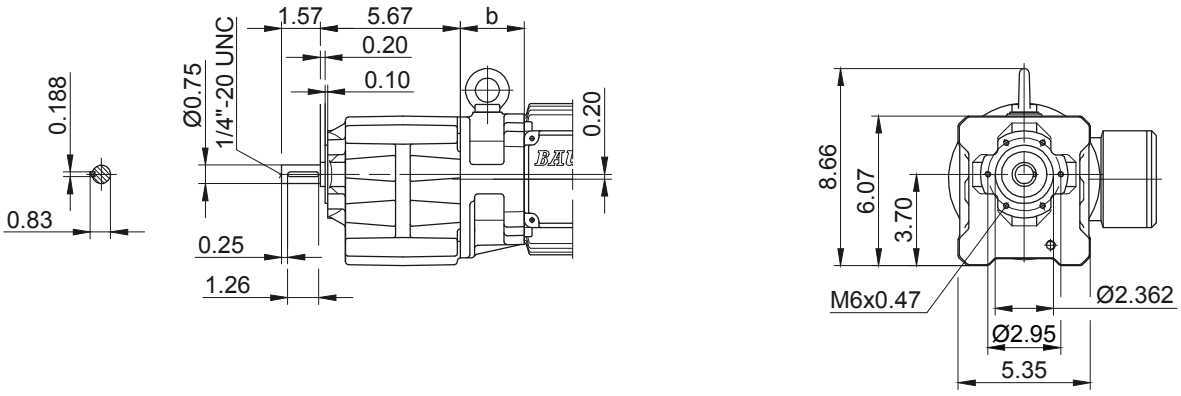
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10Z-../D04.A.	5.61	3.39	4.35	16.24	3.54	4.41	17.95	19.68	21.39	-
BG10-../D..05.A.	6.72	2.44	4.84	16.40	4,00	4.61	18.05	20.43	21.91	-
BG10Z-../D..05.A.	6.72	3.46	4.84	17.42	4,00	4.61	19.07	21.46	22.93	-
BG10-../D..06.A.	6.70	2.44	4.84	16.38	4,00	4.69	18.04	20.42	21.90	-
BG10Z-../D..06.A.	6.70	3.46	4.84	17.41	4,00	4.69	19.06	21.44	22.92	-
BG10-../D..07.A.	7.49	2.44	4.84	17.17	4,00	4.69	18.83	21.21	22.68	-
BG10Z-../D..07.A.	7.49	3.46	4.84	18.20	4,00	4.69	19.85	22.23	23.71	-
BG10-../D..08.A.	7.85	2.60	6.14	17.69	4.57	5.37	20.29	22.10	24.52	20.29
BG10Z-../D..08.A.	7.85	5.20	6.14	20.29	4.57	5.37	22.89	24.70	27.12	22.89
BG10-../D..08.B.	9.04	2.60	6.14	18.87	4.57	5.37	21.47	23.28	25.68	21.47
BG10Z-../D..08.B.	9.04	5.20	6.14	21.47	4.57	5.37	24.07	25.88	28.28	24.07
BG10-../D..09.A.	9.86	3.17	6.93	20.27	4.94	6.18	23.93	24.51	28.03	23.93
BG10-../D..09.B.	12.15	3.17	6.93	22.55	4.94	6.18	26.22	26.77	30.31	26.22
Dimensions in inch										

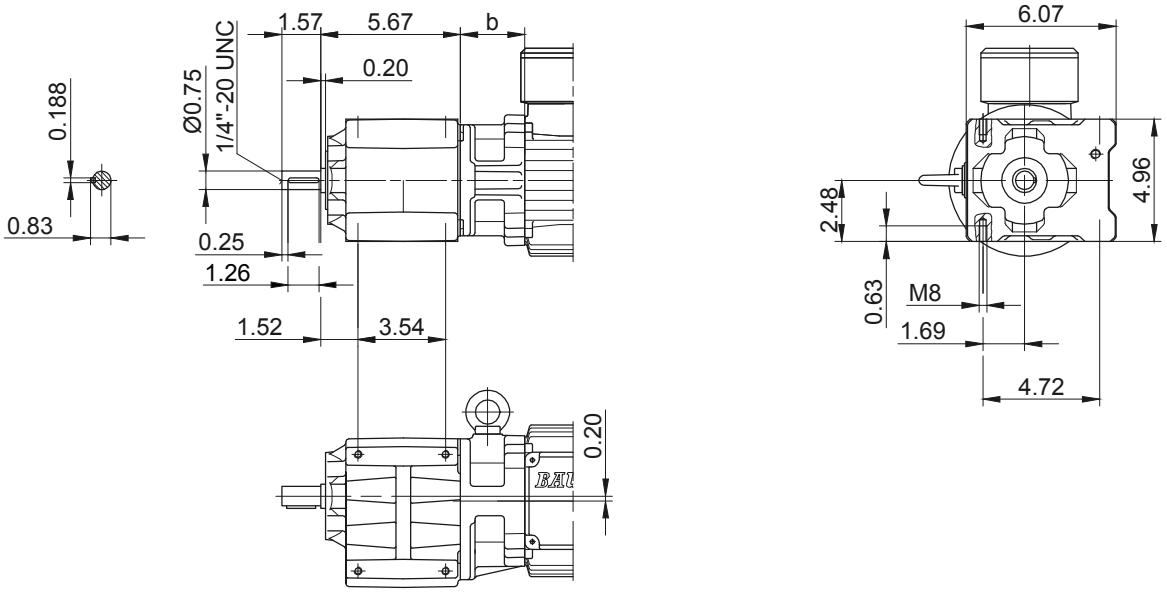
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10 - BG10Z

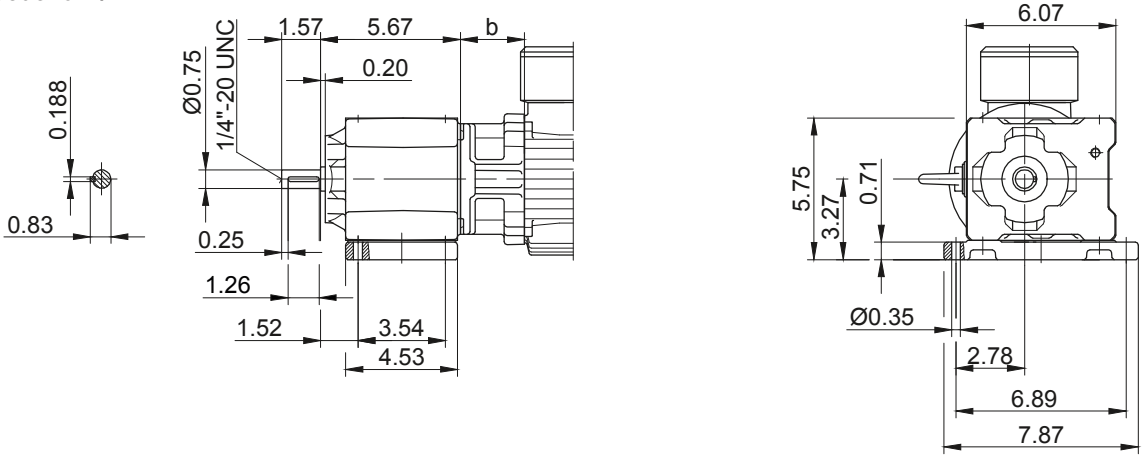
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



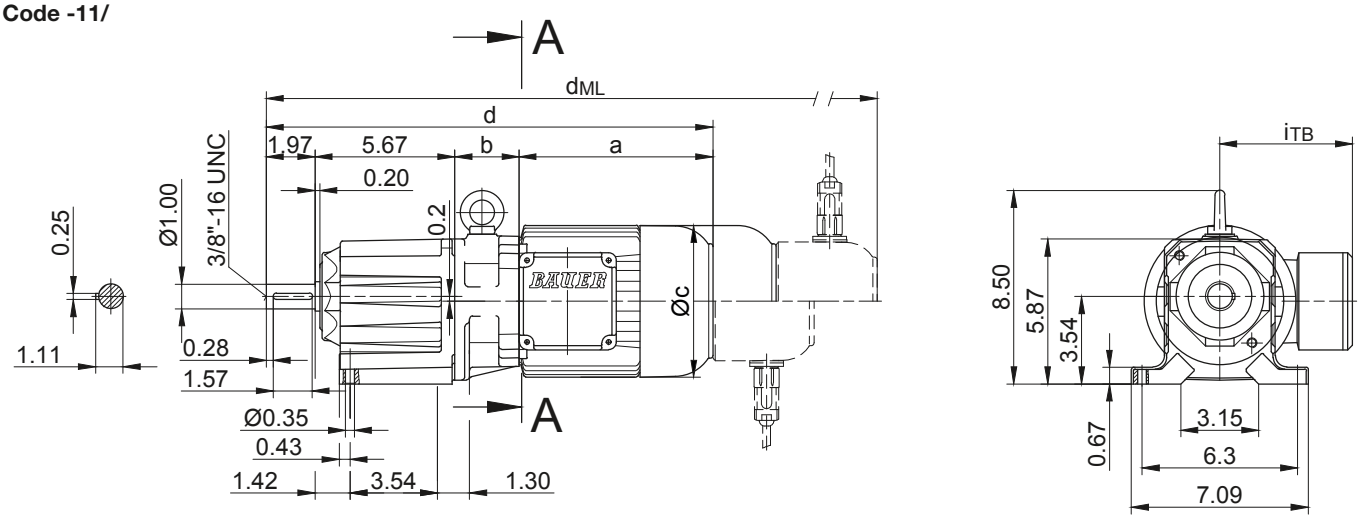
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

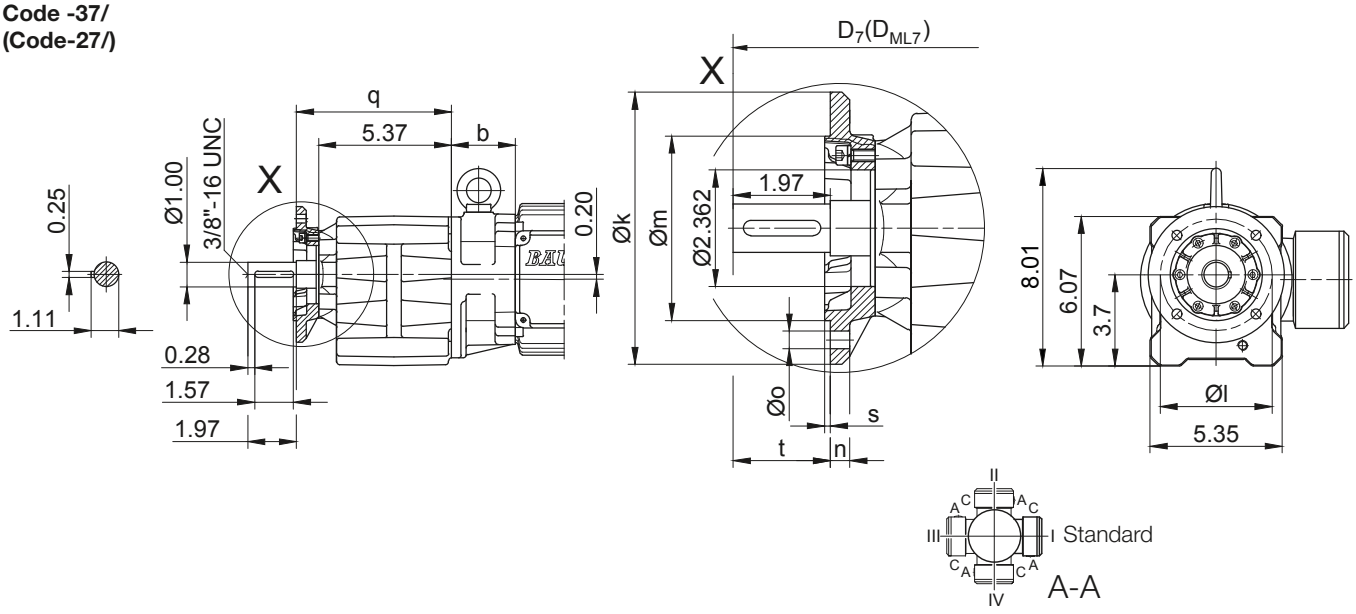
Dimension-Standard Imperial

BG10X - BG10XZ

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code-27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10X..	Code -37V/	5.512	4.528	3.740	0.394	0.354	6.280	0.118	1.970	d+0.610	d_{ML}+0.610
BG10X..	Code -27V/	4.724	3.937	3.150	0.315	0.260	6.083	0.118	2.167	d+0.610	d_{ML}+0.610
Dimensions in inch											

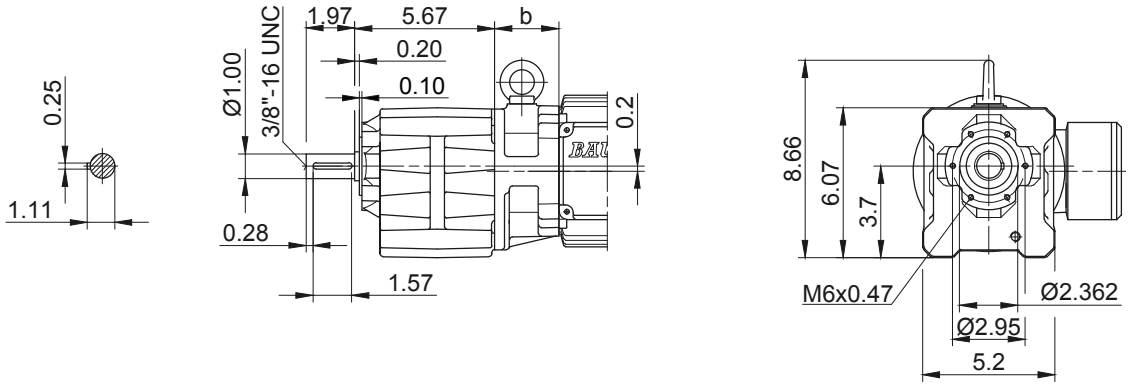
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10XZ-../D04.A.	5.61	3.39	4.35	16.64	3.54	4.41	18.35	20.08	21.79	-
BG10X-../D..05.A.	6.72	2.44	4.84	16.80	4,00	4.61	18.45	20.83	22.31	-
BG10XZ-../D..05.A.	6.72	3.46	4.84	17.82	4,00	4.61	19.47	21.86	23.33	-
BG10X-../D..06.A.	6.70	2.44	4.84	16.78	4,00	4.69	18.44	20.82	22.30	-
BG10XZ-../D..06.A.	6.70	3.46	4.84	17.81	4,00	4.69	19.46	21.84	23.32	-
BG10X-../D..07.A.	7.49	2.44	4.84	17.57	4,00	4.69	19.23	21.61	23.08	-
BG10XZ-../D..07.A.	7.49	3.46	4.84	18.60	4,00	4.69	20.25	22.63	24.11	-
BG10X-../D..08.A.	7.85	2.60	6.14	18.09	4.57	5.37	20.69	22.50	24.92	20.69
BG10XZ-../D..08.A.	7.85	5.20	6.14	20.69	4.57	5.37	23.29	25.10	27.52	23.29
BG10X-../D..08.B.	9.04	2.60	6.14	19.27	4.57	5.37	21.87	23.68	26.08	21.87
BG10XZ-../D..08.B.	9.04	5.20	6.14	21.87	4.57	5.37	24.47	26.28	28.68	24.47
BG10X-../D..09.A.	9.86	3.17	6.93	20.67	4.94	6.18	24.33	24.91	28.43	24.33
BG10X-../D..09.B.	12.15	3.17	6.93	22.95	4.94	6.18	26.62	27.17	30.71	26.62
Dimensions in inch										

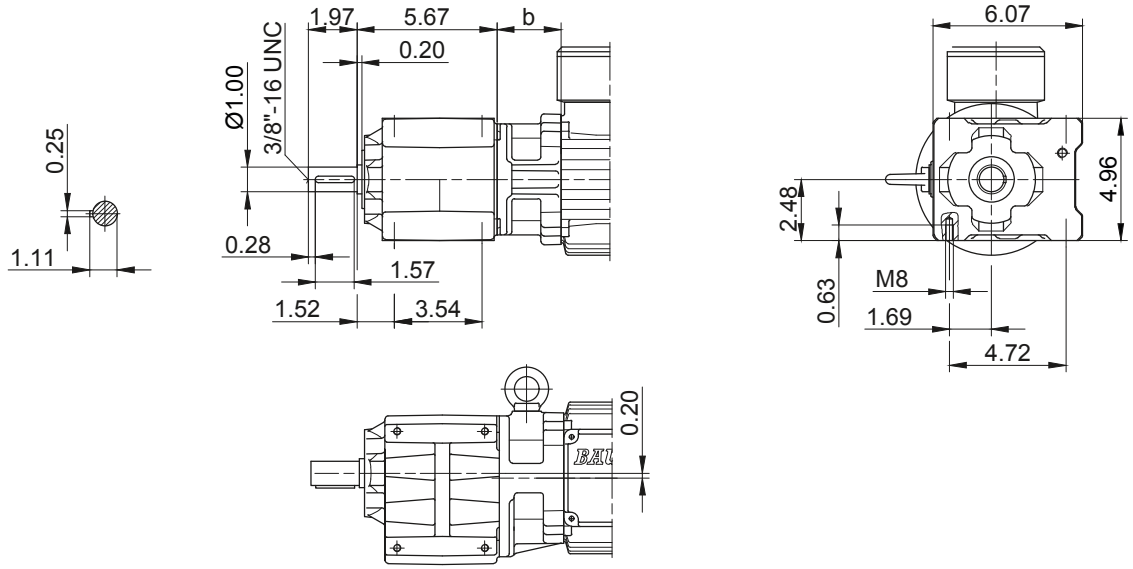
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10X - BG10XZ

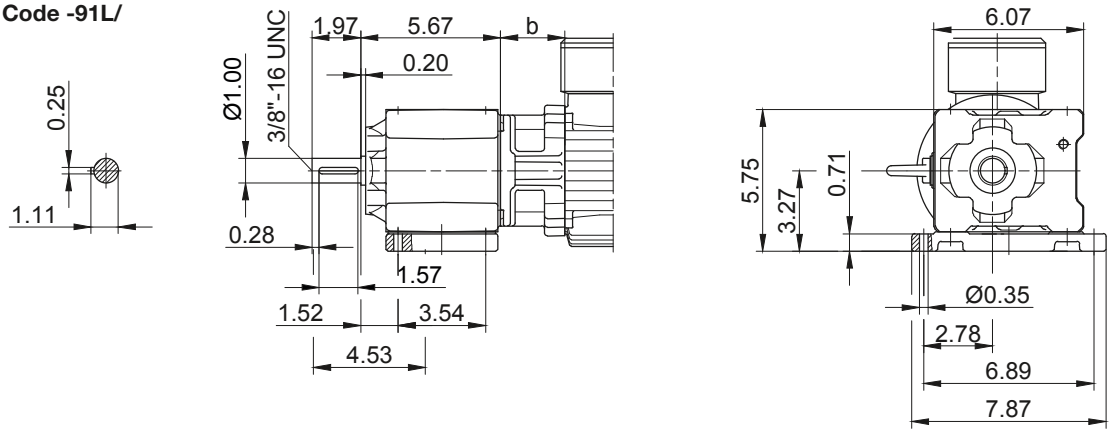
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



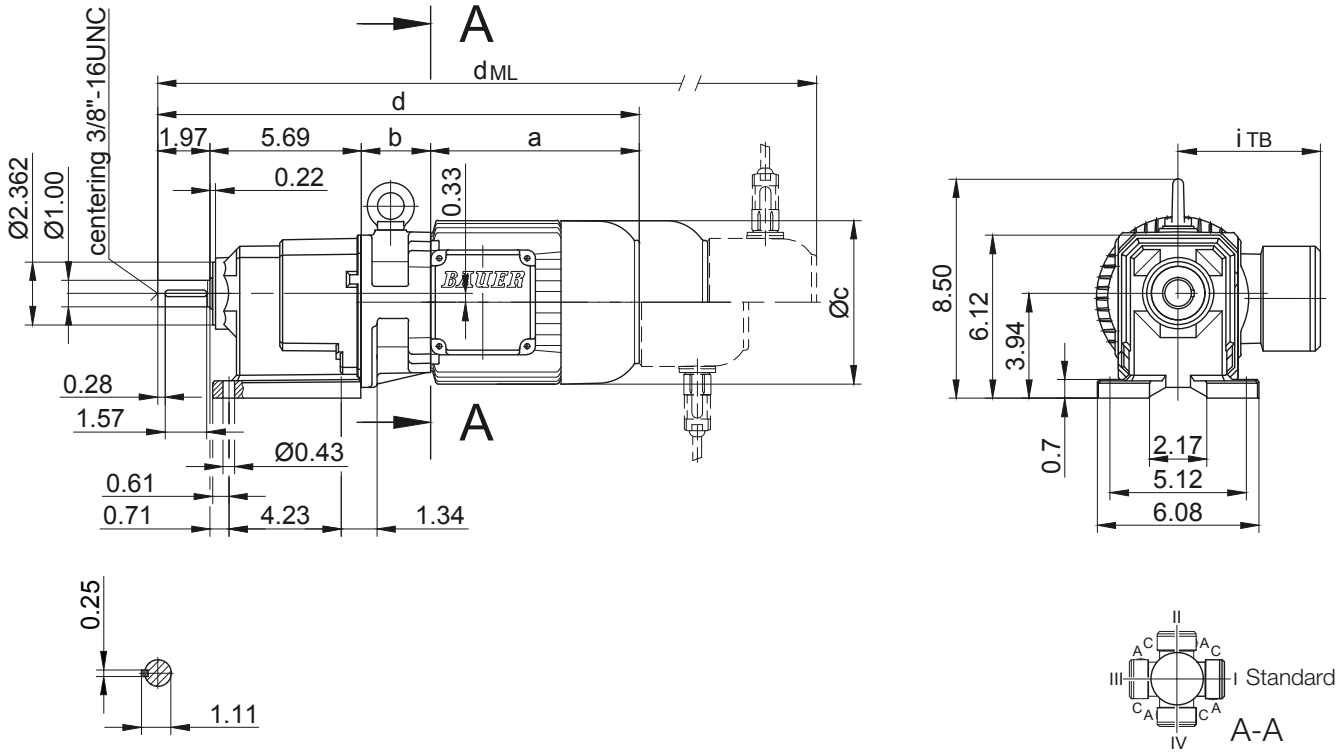
Foot plate left
Code -91L/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG15

Foot mounting with clearance holes
Code -11/



10

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG15-../D..05.A.	6.72	2.44	4.84	14.85	4,00	4.61	15.45	17.18	18.89	-
BG15-../D..06.A.	6.70	2.44	4.84	14.83	4,00	4.69	16.49	18.87	20.35	-
BG15-../D..07.A.	7.49	2.44	4.84	15.62	4,00	4.69	17.28	19.66	21.13	-
BG15-../D..08.A.	7.85	2.60	6.14	16.14	4.57	5.37	18.74	20.55	22.97	13.05
BG15-../D..08.B.	9.04	2.60	6.14	17.32	4.57	5.37	19.92	21.73	24.13	19.92
BG15-../D..09.A.	9.86	3.17	6.93	18.72	4.94	6.18	22.38	22.96	26.48	22.38
BG15-../D..09.B.	12.15	3.17	6.93	21.00	4.94	6.18	24.67	25.22	28.76	24.67
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

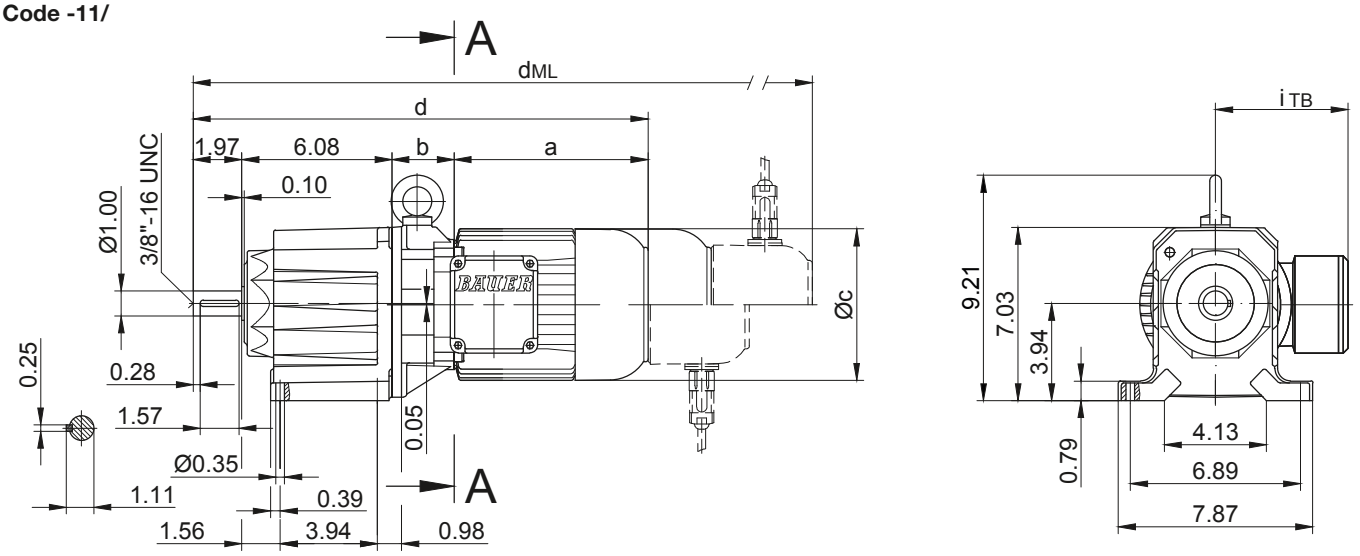
BG-series helical-geared motors

Dimension-Standard Imperial

BG20 - BG20Z

Foot mounting with clearance holes

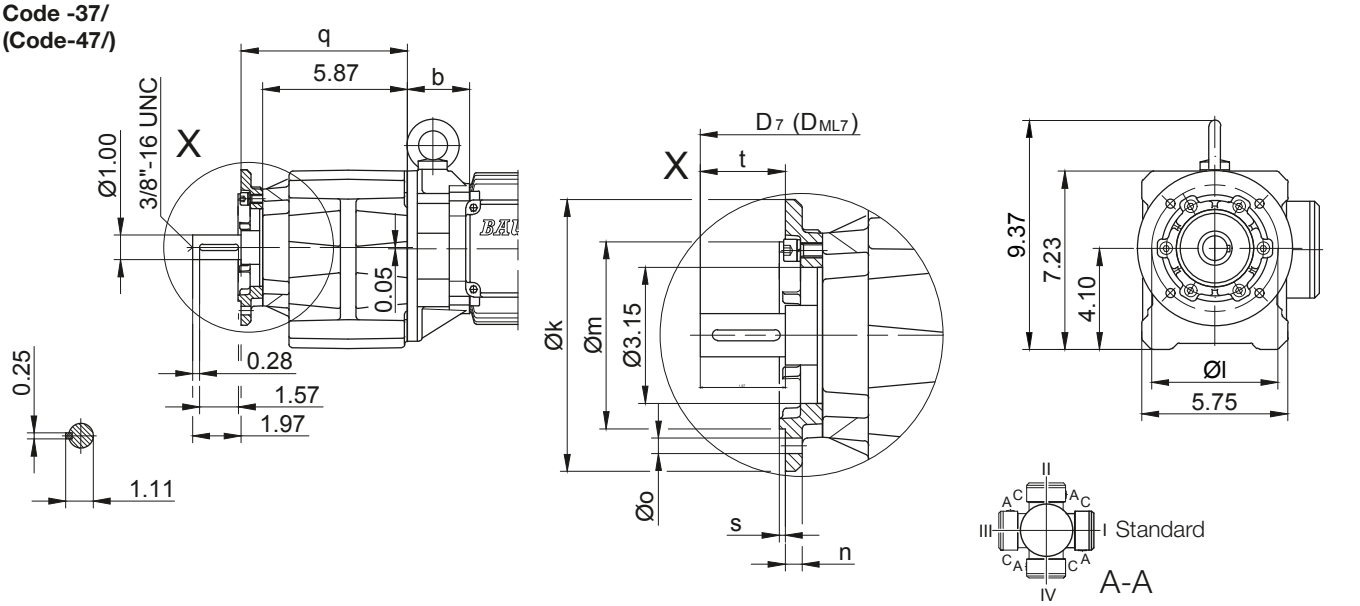
Code -11/



Flange with clearance holes

Code -37/

(Code-47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG20..	Code -37V/	6.299	5.118	4.331	0.394	0.354	6.732	0.138	1.970	d+0.650	d_{ML}+0.650
BG20..	Code -47V/	7.874	6.496	5.118	0.472	0.433	7.008	0.138	1.694	d+0.650	d_{ML}+0.650
Dimensions in inch											

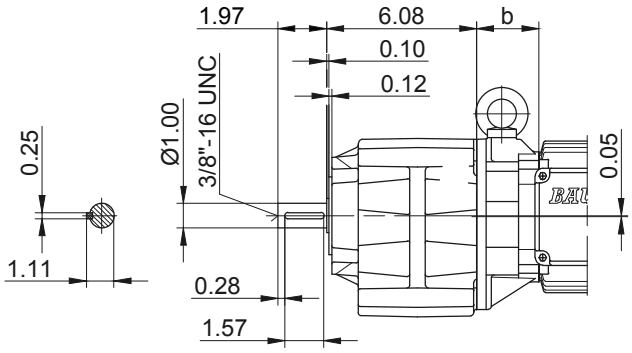
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

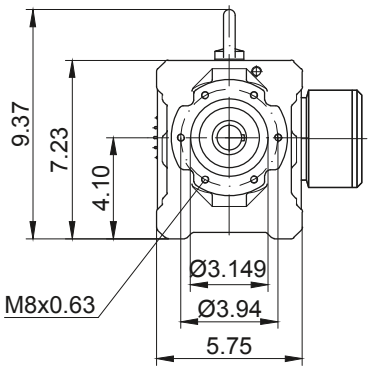
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG20Z-../D04.A.	5.61	3.94	4.35	17.60	3.54	4.41	19.31	21.04	22.75	-
BG20-../D..05.A.	6.72	2.36	4.84	17.13	4,00	4.61	18.78	21.17	22.64	-
BG20Z-../D..05.A.	6.72	4.02	4.84	18.78	4,00	4.61	20.44	22.82	24.30	-
BG20-../D..06.A.	6.70	2.36	4.84	17.12	4,00	4.69	18.77	21.16	22.63	-
BG20Z-../D..06.A.	6.70	4.02	4.84	18.77	4,00	4.69	20.43	22.81	24.28	-
BG20-../D..07.A.	7.49	2.36	4.84	17.91	4,00	4.69	19.56	21.94	23.42	-
BG20Z-../D..07.A.	7.49	4.02	4.84	19.56	4,00	4.69	21.21	23.60	25.07	-
BG20-../D..08.A.	7.85	2.52	6.14	18.43	4.57	5.37	21.03	22.84	25.26	21.03
BG20Z-../D..08.A.	7.85	5.75	6.14	21.66	4.57	5.37	24.25	26.06	28.49	24.25
BG20-../D..08.B.	9.04	2.52	6.14	19.61	4.57	5.37	22.21	24.02	26.42	22.21
BG20Z-../D..08.B.	9.04	5.75	6.14	22.84	4.57	5.37	25.43	27.25	29.65	25.43
BG20-../D..09.A.	9.86	3.09	6.93	21.01	4.94	6.18	24.67	25.24	28.77	24.67
BG20-../D..09.B.	12.15	3.09	6.93	23.29	4.94	6.18	26.95	27.51	31.05	26.95
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

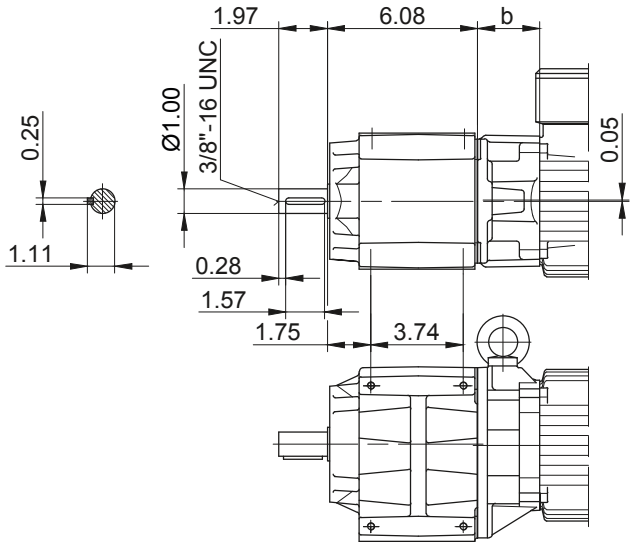
BG20 - BG20Z

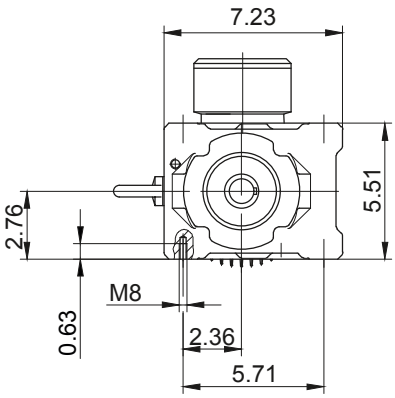
Flange with tapped holes
Code -71/

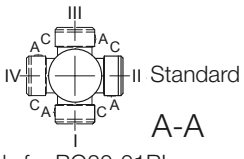




Foot with tapped holes left and right
Code -61LR/

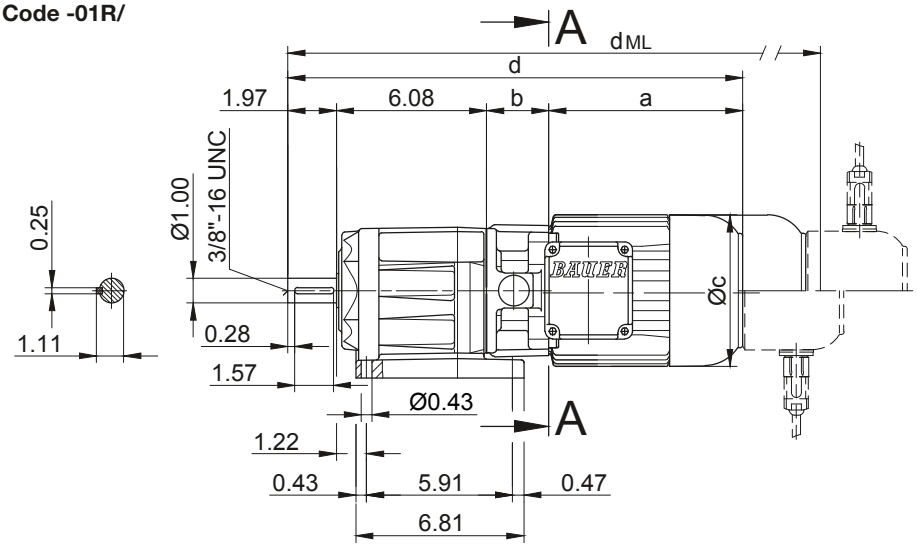


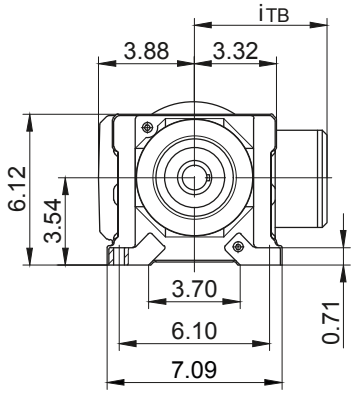




only for BG20-01R!

Foot mounting right with clearance holes
Code -01R/





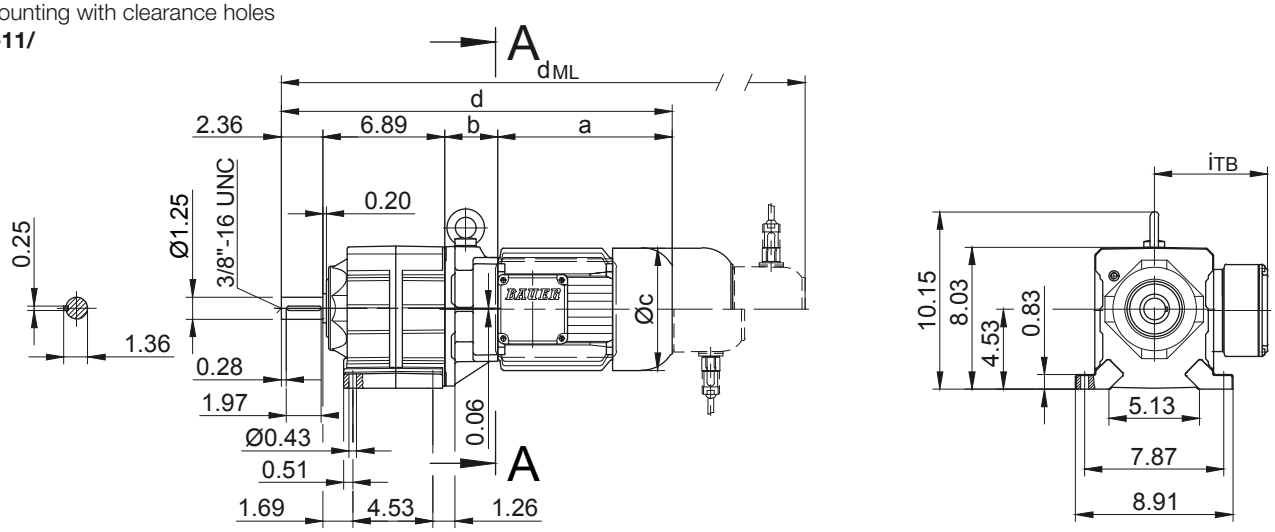
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

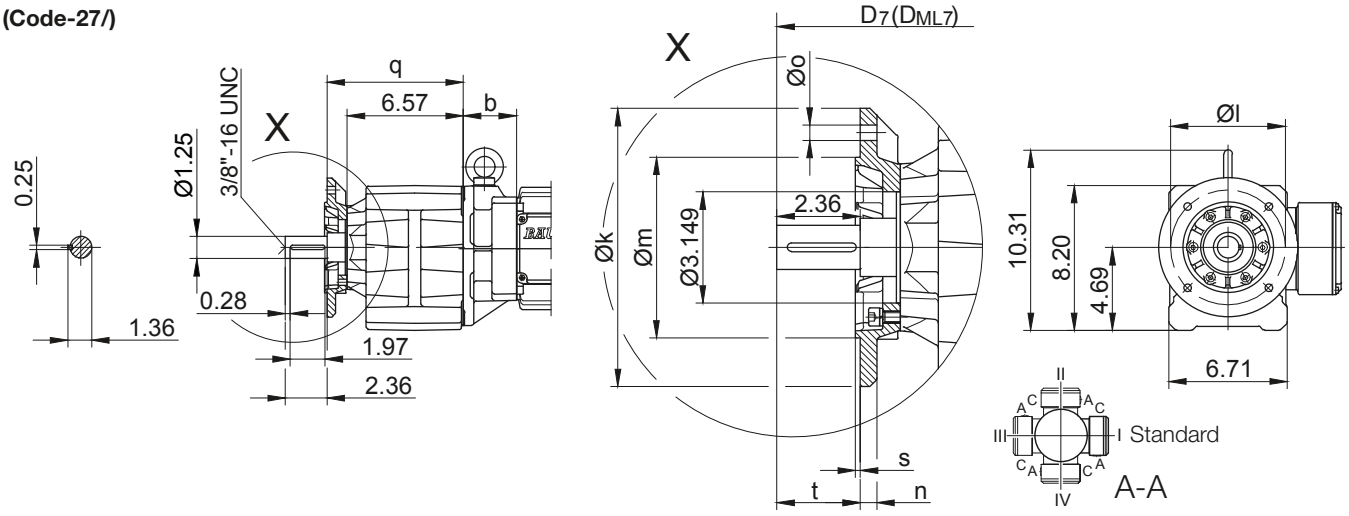
Dimension-Standard Imperial

BG30 - BG30Z

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code-27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG30..	Code -37/	7.874	6.496	5.118	0.472	0.433	7.717	0.138	2.360	d+0.827	d_{ML}+0.827
BG30..	Code -27/	6.299	5.118	4.331	0.394	0.354	7.441	0.138	2.636	d+0.827	d_{ML}+0.827
Dimensions in inch											

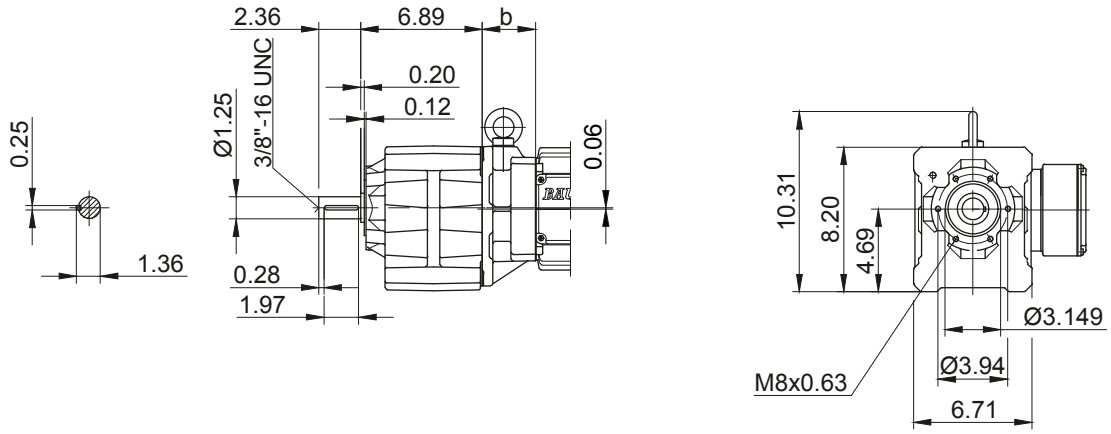
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG30-../D..05.A.	6.72	2.28	4.84	18.25	4,00	4.61	19.90	22.29	23.76	-
BG30Z-../D..05.A.	6.72	5.26	4.84	21.22	4,00	4.61	22.88	25.26	26.73	-
BG30-../D..06.A.	6.70	2.28	4.84	18.24	4,00	4.69	19.89	22.27	23.75	-
BG30Z-../D..06.A.	6.70	5.26	4.84	21.21	4,00	4.69	22.86	25.25	26.72	-
BG30-../D..07.A.	7.49	2.28	4.84	19.03	4,00	4.69	20.68	23.06	24.54	-
BG30Z-../D..07.A.	7.49	5.26	4.84	22.00	4,00	4.69	23.65	26.03	27.51	-
BG30-../D..08.A.	7.85	2.44	6.14	19.55	4.57	5.37	22.14	23.95	26.38	22.14
BG30Z-../D..08.A.	7.85	5.41	6.14	22.52	4.57	5.37	25.12	26.93	29.35	25.12
BG30-../D..08.B.	9.04	2.44	6.14	20.73	4.57	5.37	23.32	25.14	27.54	23.32
BG30Z-../D..08.B.	9.04	5.41	6.14	23.70	4.57	5.37	26.30	28.11	30.51	26.30
BG30-../D..09.A.	9.86	3.01	6.93	22.12	4.94	6.18	25.79	28.62	29.88	25.79
BG30Z-../D..09.A.	9.86	5.98	6.93	25.10	4.94	6.18	28.76	31.60	32.86	28.76
BG30-../D..09.B.	12.15	3.01	6.93	24.41	4.94	6.18	28.07	28.62	32.17	28.07
BG30Z-../D..09.B.	12.15	5.98	6.93	27.38	4.94	6.18	31.04	31.60	35.14	31.04
BG30-../D..11.A.	12.56	3.27	8.58	25.08	6.50	6.93	28.93	29.31	32.95	28.93
BG30-../D..11.B.	15.24	3.27	8.58	27.75	6.50	6.93	31.53	31.99	35.63	31.53
Dimensions in inch										

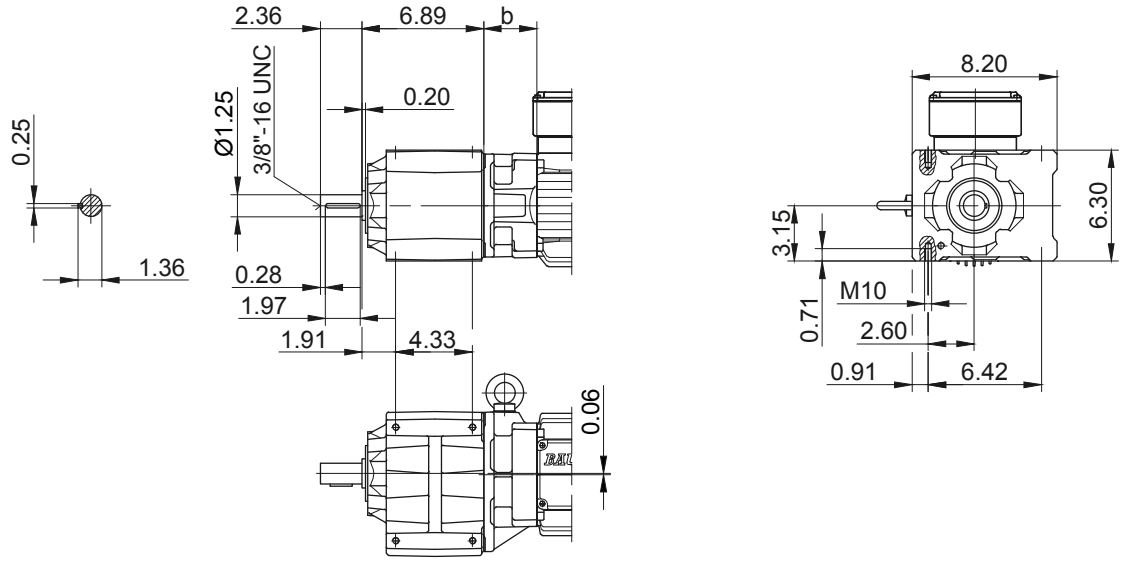
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG30 - BG30Z

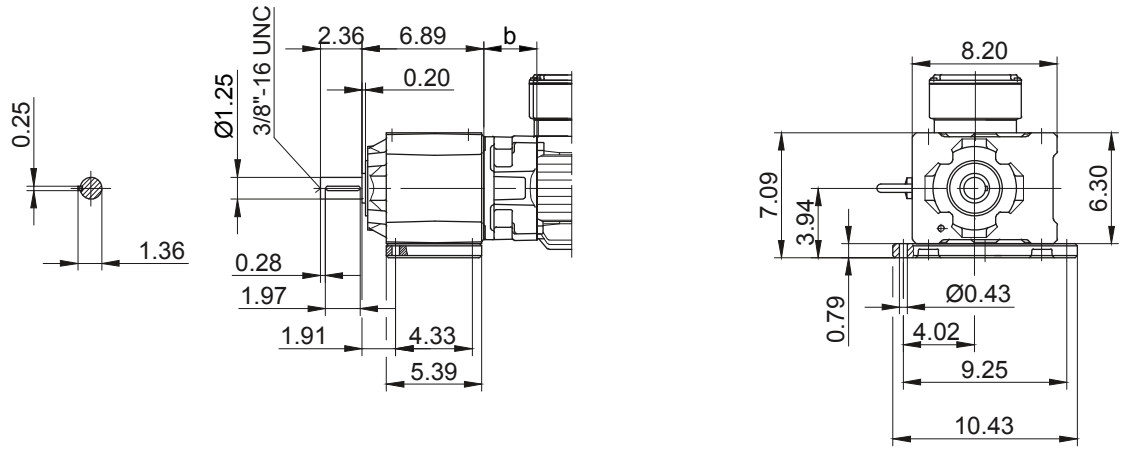
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



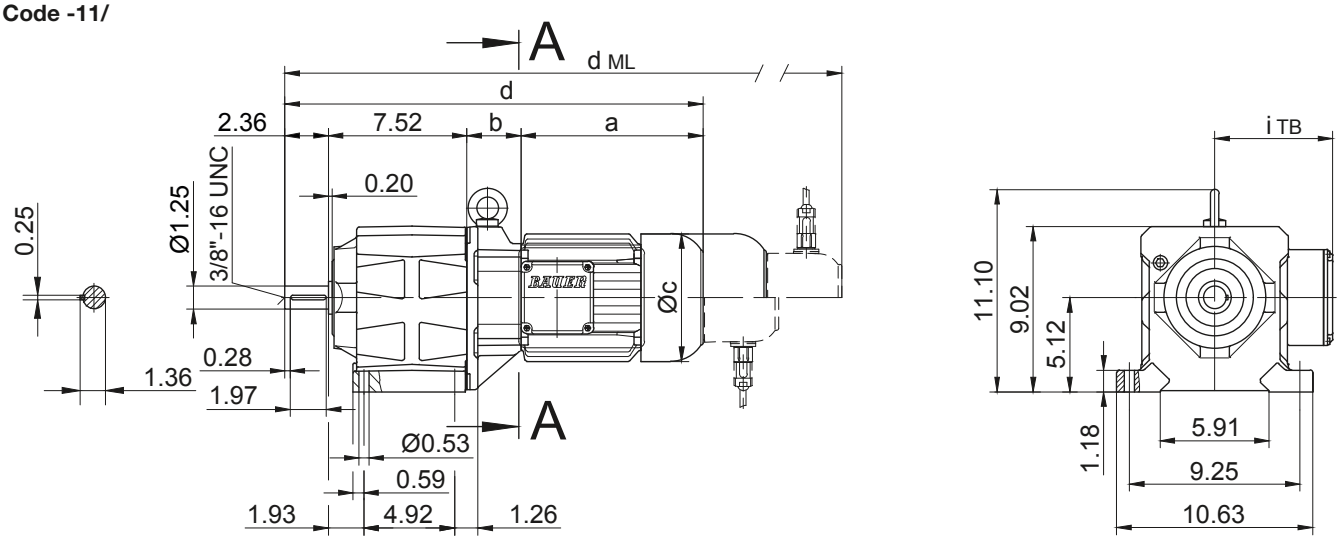
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

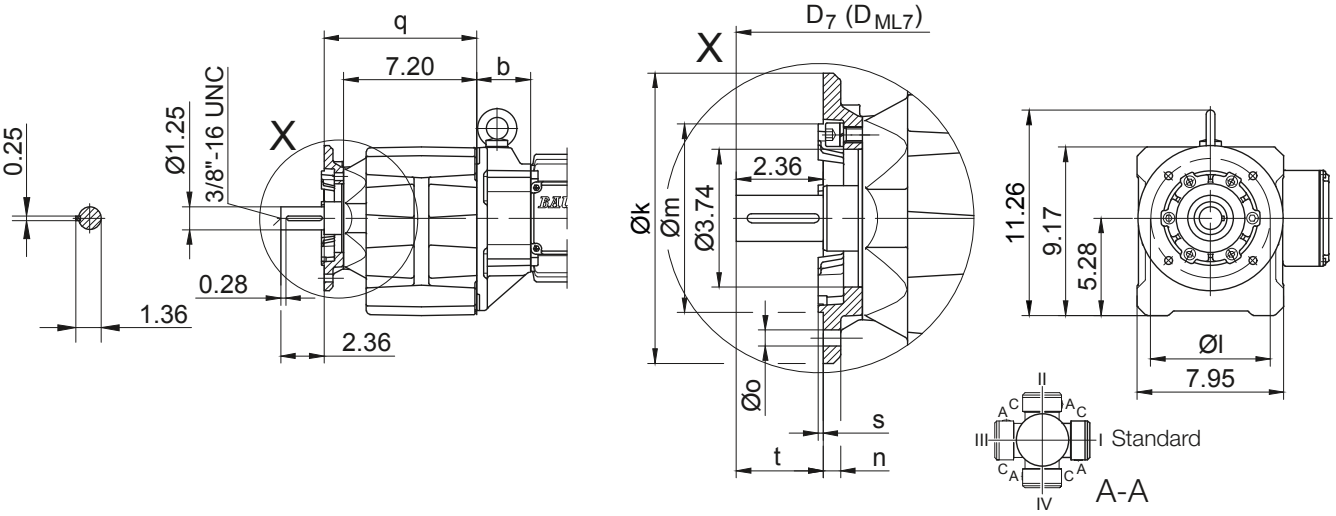
Dimension-Standard Imperial

BG40 - BG40Z

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code-47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG40..	Code -37/	7.874	6.496	5.118	0.472	0.433	8.268	0.138	2.360	d+0.748	d_{ML}+0.748
BG40..	Code -47/	9.843	8.465	7.087	0.630	0.531	8.622	0.157	2.006	d+0.748	d_{ML}+0.748
Dimensions in inch											

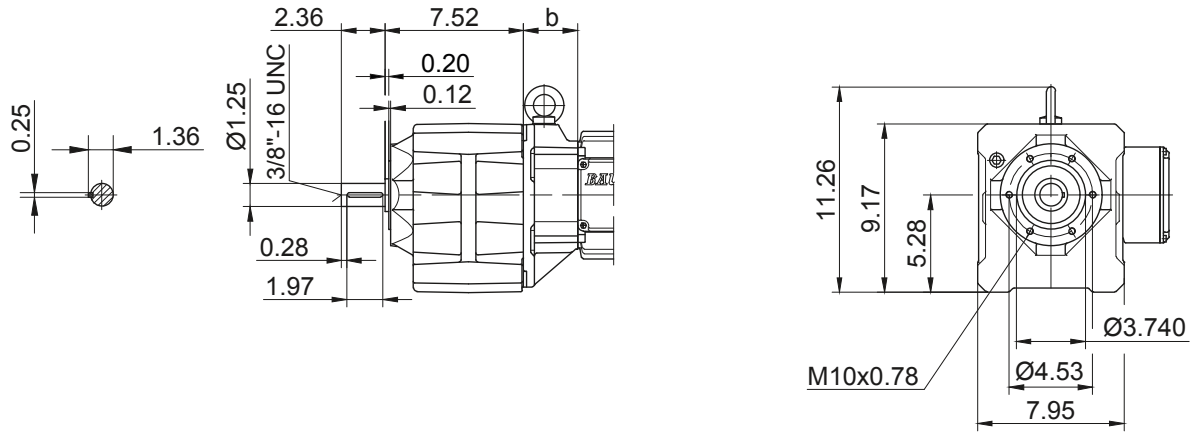
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG40Z-../D..05.A.	6.72	5.45	4.84	22.05	4,00	4.61	23.70	26.08	27.56	-
BG40Z-../D..06.A.	6.70	5.45	4.84	22.04	4,00	4.69	23.69	26.07	27.55	-
BG40Z-../D..07.A.	7.49	5.45	4.84	22.82	4,00	4.69	24.48	26.86	28.34	-
BG40-../D..08.A.	7.85	2.36	6.14	20.10	4.57	5.37	22.69	24.51	26.93	22.69
BG40Z-../D..08.A.	7.85	5.61	6.14	23.34	4.57	5.37	25.94	27.75	30.17	25.94
BG40-../D..08.B.	9.04	2.36	6.14	21.28	4.57	5.37	23.88	25.69	28.09	23.88
BG40Z-../D..08.B.	9.04	5.61	6.14	24.53	4.57	5.37	27.12	28.93	31.34	27.12
BG40-../D..09.A.	9.86	2.93	6.93	22.67	4.94	6.18	26.34	26.91	30.43	26.34
BG40Z-../D..09.A.	9.86	6.18	6.93	25.92	4.94	6.18	29.58	30.16	33.68	29.58
BG40-../D..09.B.	12.15	2.93	6.93	24.96	4.94	6.18	28.62	29.17	32.72	28.62
BG40Z-../D..09.B.	12.15	6.18	6.93	28.21	4.94	6.18	31.87	32.42	35.97	31.87
BG40-../D..11.A.	12.56	3.19	8.58	25.63	6.50	6.93	29.49	29.86	33.51	29.49
BG40-../D..11.B.	15.24	3.19	8.58	28.30	6.50	6.93	32.08	32.54	36.18	32.08
Dimensions in inch										

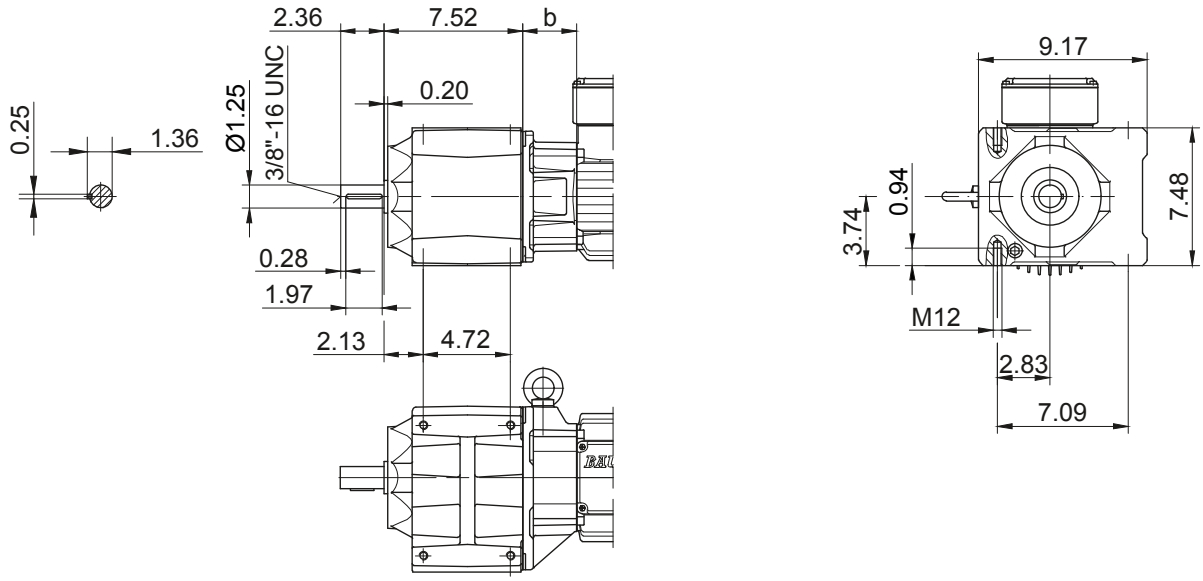
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG40 - BG40Z

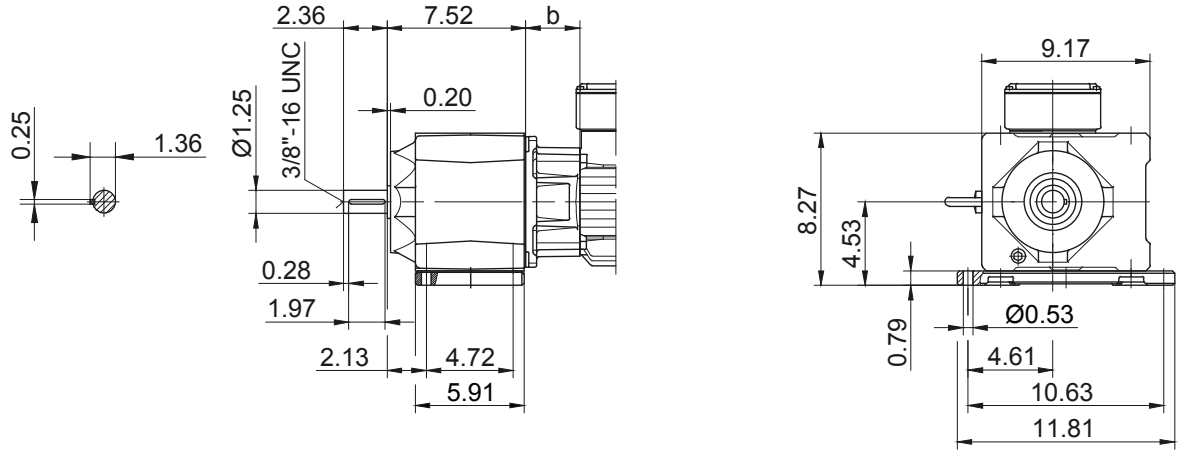
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



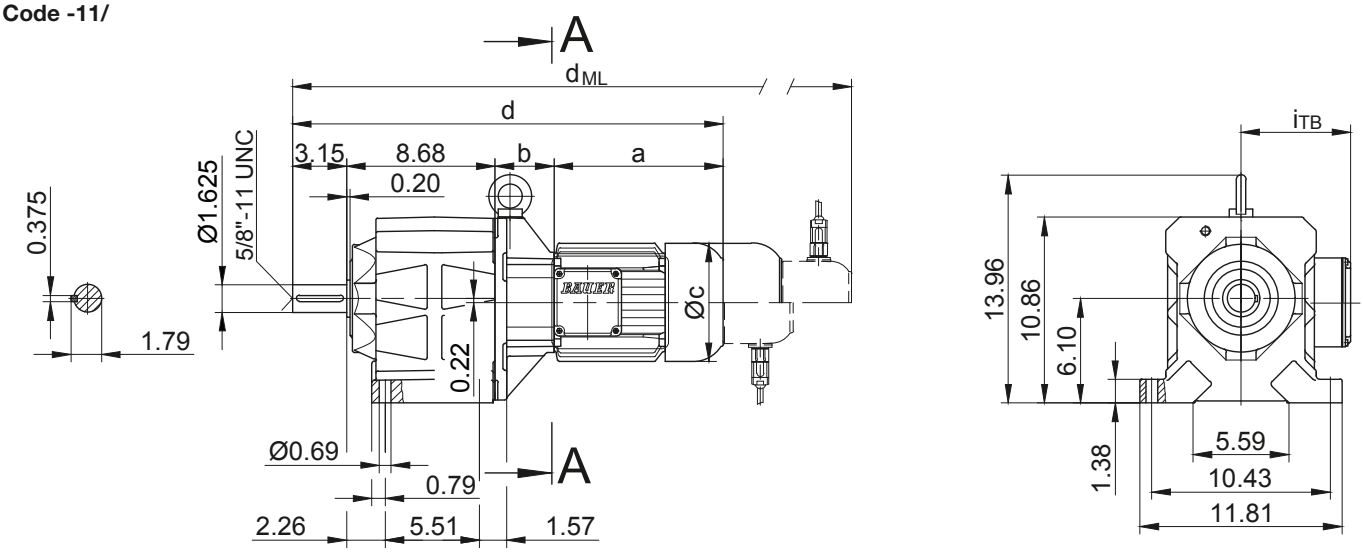
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

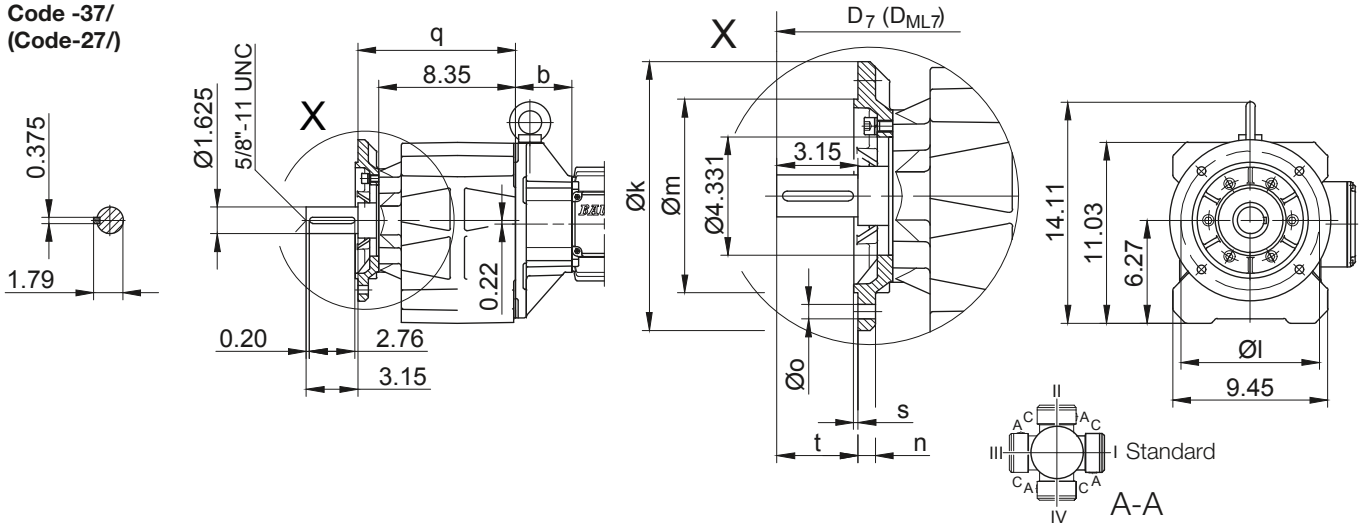
Dimension-Standard Imperial

BG50 - BG50Z

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code-27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG50..	Code -37/	9.843	8.465	7.087	0.630	0.531	9.606	0.157	3.150	d+0.925	d_{ML}+0.925
BG50..	Code -27/	7.874	6.496	5.118	0.472	0.433	9.488	0.138	3.268	d+0.925	d_{ML}+0.925
Dimensions in inch											

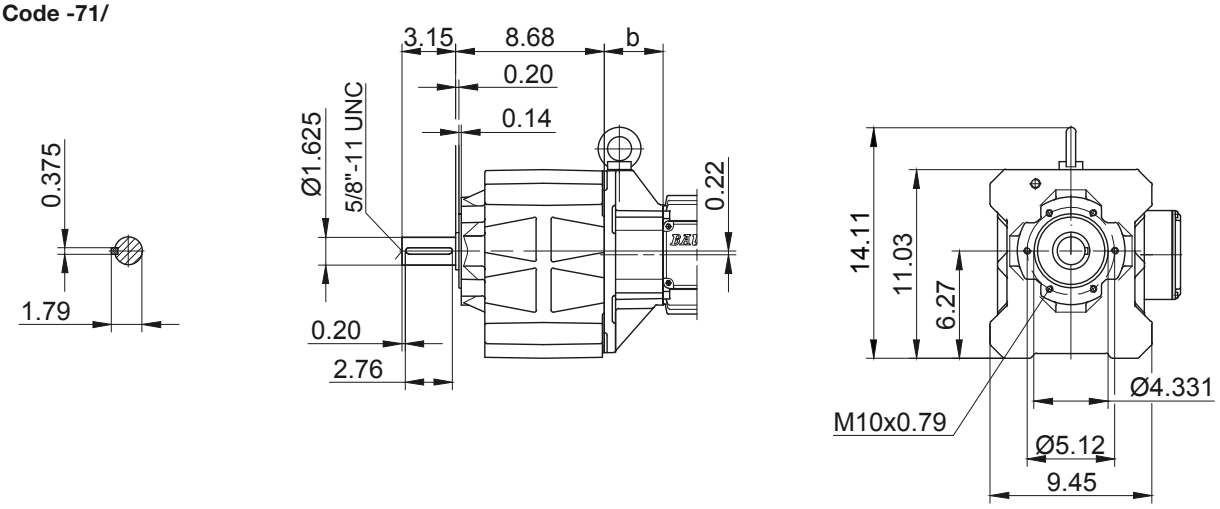
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG50Z-../D..05.A.	6.72	6.10	4.84	24.65	4,00	4.61	26.30	28.69	30.16	-
BG50Z-../D..06.A.	6.70	6.10	4.84	24.64	4,00	4.69	26.29	28.67	30.15	-
BG50Z-../D..07.A.	7.49	6.10	4.84	25.43	4,00	4.69	27.08	29.46	30.94	-
BG50-../D..08.A.	7.85	2.87	6.14	22.56	4.57	5.37	25.16	26.97	29.39	25.16
BG50Z-../D..08.A.	7.85	6.26	6.14	25.95	4.57	5.37	28.54	30.35	32.78	28.54
BG50-../D..08.B.	9.04	2.87	6.14	23.74	4.57	5.37	26.34	28.15	30.55	26.34
BG50Z-../D..08.B.	9.04	6.26	6.14	27.13	4.57	5.37	29.72	31.54	33.94	29.72
BG50-../D..09.A.	9.86	3.44	6.93	25.14	4.94	6.18	28.80	29.37	32.90	28.80
BG50Z-../D..09.A.	9.86	6.83	6.93	28.52	4.94	6.18	32.19	32.76	36.28	32.19
BG50-../D..09.B.	12.15	3.44	6.93	27.42	4.94	6.18	31.08	31.64	35.18	31.08
BG50Z-../D..09.B.	12.15	6.83	6.93	30.81	4.94	6.18	34.47	35.02	38.57	34.47
BG50-../D..11.A.	12.56	3.70	8.58	28.09	6.50	6.93	31.95	32.33	35.97	31.95
BG50-../D..11.B.	15.24	3.70	8.58	30.77	6.50	6.93	34.55	35.00	38.65	34.55
BG50-../D..13.A.	15.47	4.21	10.16	31.52	8.54	8.54	35.89	35.73	39.87	35.77
BG50-../D..16.B.	17.89	4.76	12.20	34.49	9.57	9.57	40.14	38.71	44.22	40.14
BG50-../D..18.B.	21.34	5.63	13.70	38.80	11.34	11.34	44.69	42.96	48.76	44.69
Dimensions in inch										

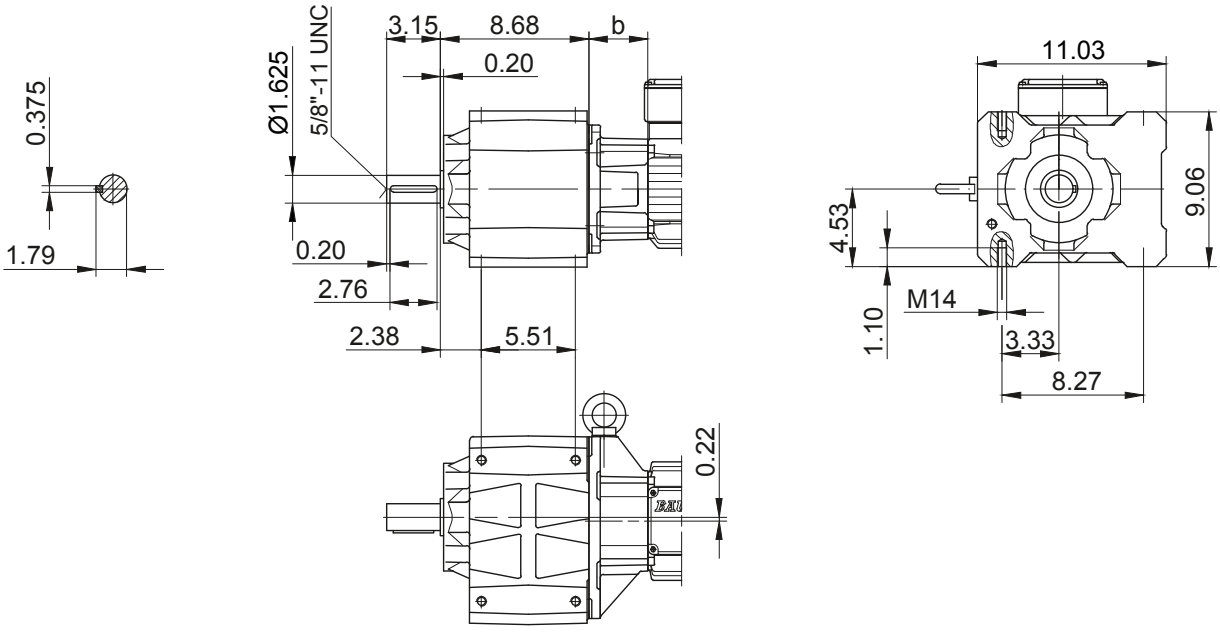
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG50 - BG50Z

Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



10

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

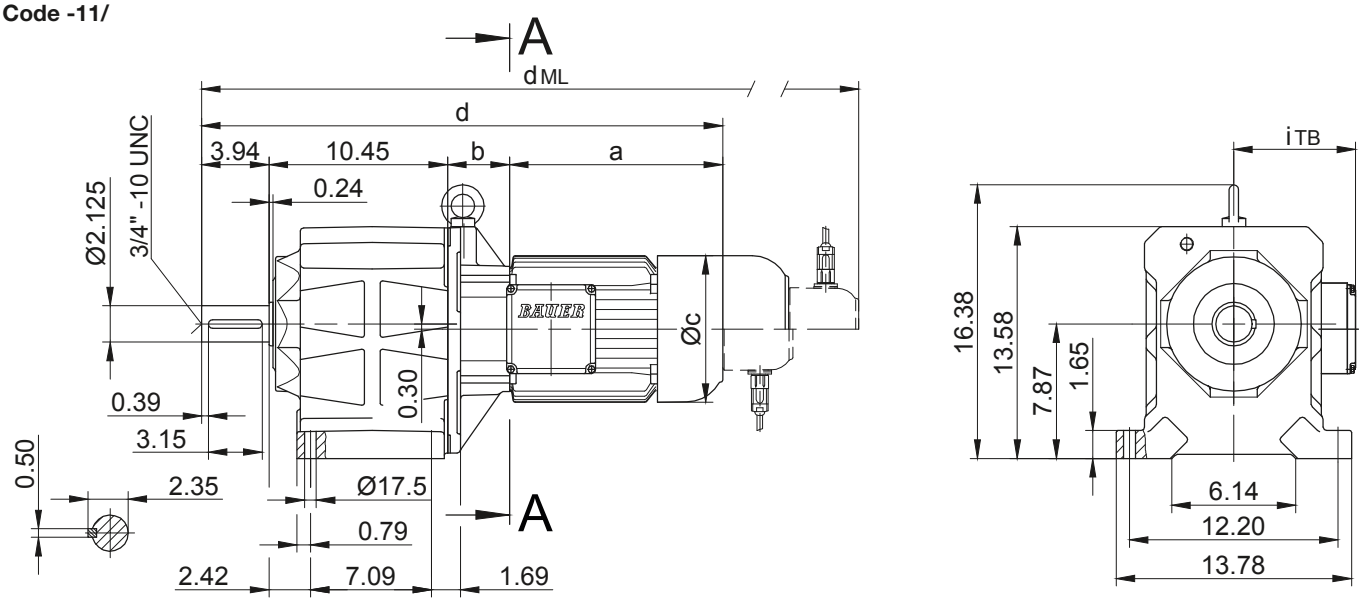
BG-series helical-geared motors

Dimension-Standard Imperial

BG60 - BG60Z

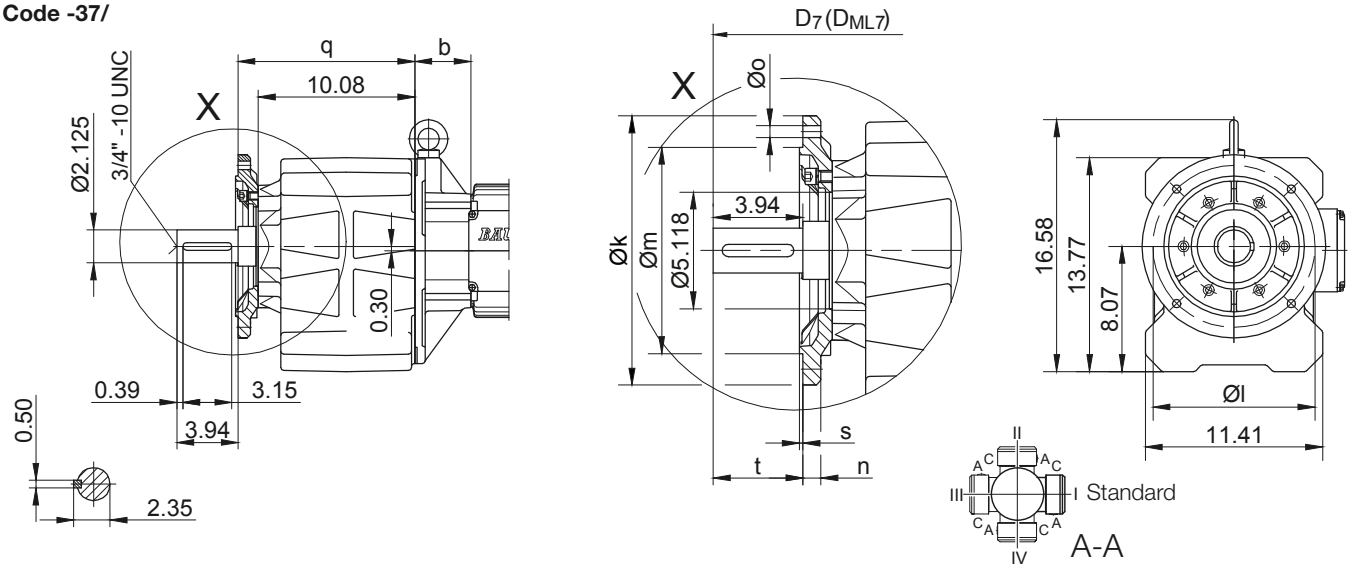
Foot mounting with clearance holes

Code -11/



Flange with clearance holes

Code -37/



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG60..	Code -37/	11.811	10.433	9.055	0.787	0.531	11.378	0.157	3.940	d+0.925	d_{ML}+0.925
BG60..	Code -27/	9.843	8.465	7.087	0.630	0.531	11.260	0.157	4.058	d+0.925	d_{ML}+0.925
Dimensions in inch											

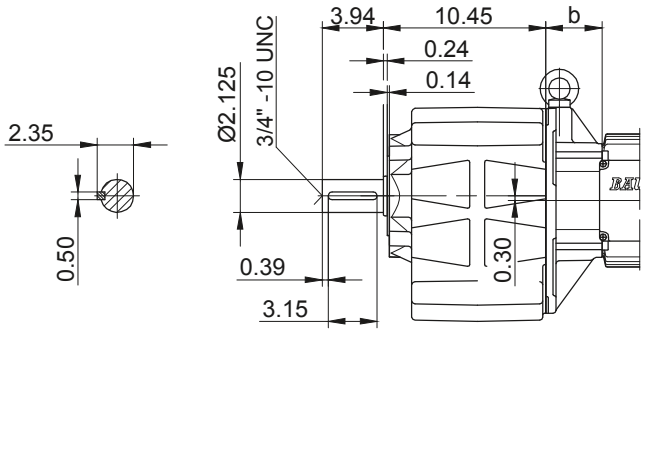
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

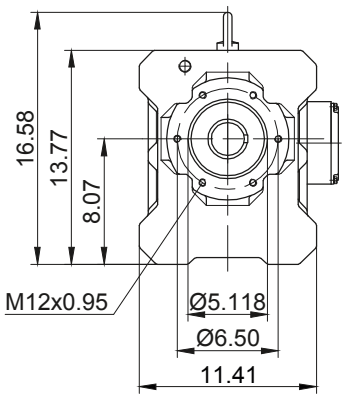
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG60Z-../D..08.A.	7.85	7.13	6.14	29.37	4.57	5.37	31.97	33.78	36.20	31.97
BG60Z-../D..08.B.	9.04	7.13	6.14	30.55	4.57	5.37	33.15	34.96	37.37	33.15
BG60-../D..09.A.	9.86	3.37	6.93	27.62	4.94	6.18	31.28	31.86	35.38	31.28
BG60Z-../D..09.A.	9.86	7.70	6.93	31.95	4.94	6.18	35.61	36.19	39.71	35.61
BG60-../D..09.B.	12.15	3.37	6.93	29.90	4.94	6.18	33.57	34.12	37.66	33.57
BG60Z-../D..09.B.	12.15	7.70	6.93	34.24	4.94	6.18	37.90	38.45	42.00	37.90
BG60-../D..11.A.	12.56	3.62	8.58	30.57	6.50	6.93	34.43	34.81	38.45	34.43
BG60Z-../D..11.A.	12.56	7.95	8.58	34.90	6.50	6.93	38.76	39.14	42.78	38.76
BG60-../D..11.B.	15.24	3.62	8.58	33.25	6.50	6.93	37.03	37.49	41.13	37.03
BG60Z-../D..11.B.	15.24	7.95	8.58	37.58	6.50	6.93	41.36	41.82	45.46	41.36
BG60-../D..13.A.	15.47	4.13	10.16	34.00	8.54	8.54	38.37	38.22	42.35	38.25
BG60-../D..16.B.	17.89	4.69	12.20	36.97	9.57	9.57	42.62	41.19	46.70	42.62
BG60-../D..18.B.	21.34	5.55	13.70	41.28	11.34	11.34	47.17	45.44	51.25	47.17
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

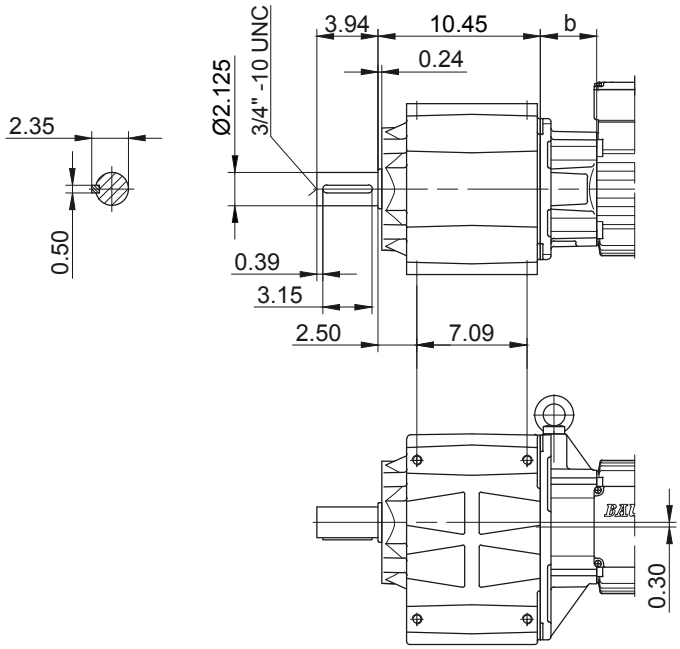
BG60 - BG60Z

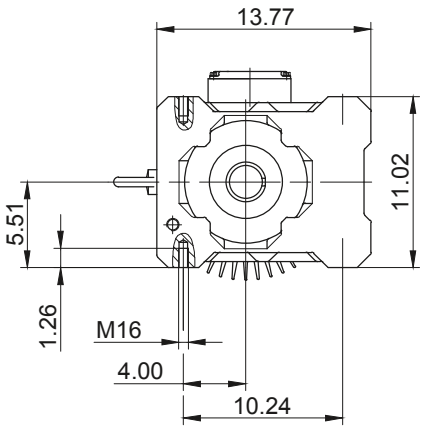
Flange with tapped holes
Code -71/





Foot with tapped holes left and right
Code -61LR/





10

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

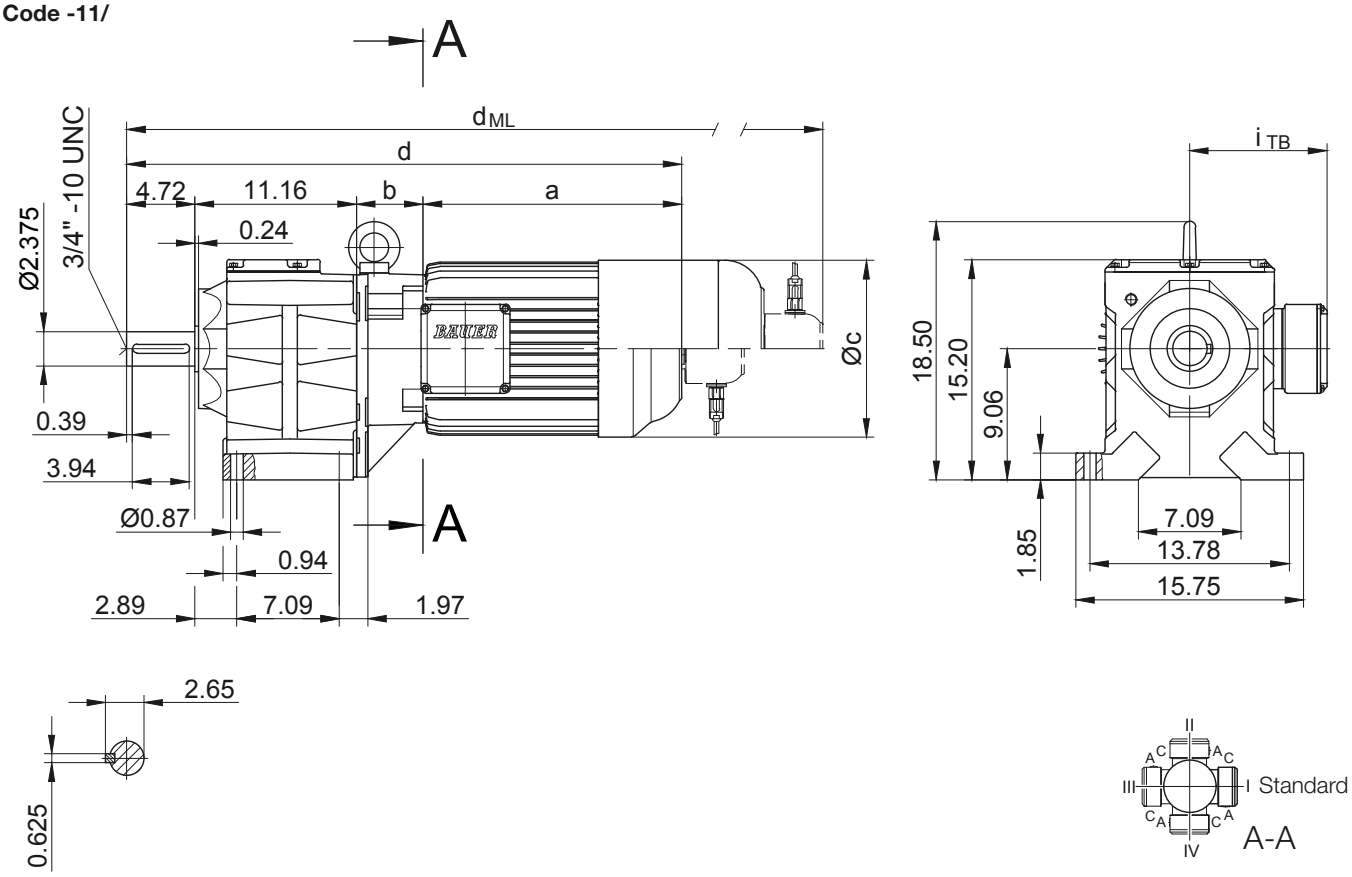
BG-series helical-geared motors

Dimension-Standard Imperial

BG70 - BG70Z

Foot mounting with clearance holes

Code -11/



10

Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG70..	Code -37/	13.780	11.811	9.843	0.787	0.689	12.362	0.197	4.720	d+1.201	d_{ML}+1.201
BG70..	Code -27/	11.811	10.433	9.055	0.787	0.531	12.677	0.157	4.405	d+1.201	d_{ML}+1.201
Dimensions in inch											

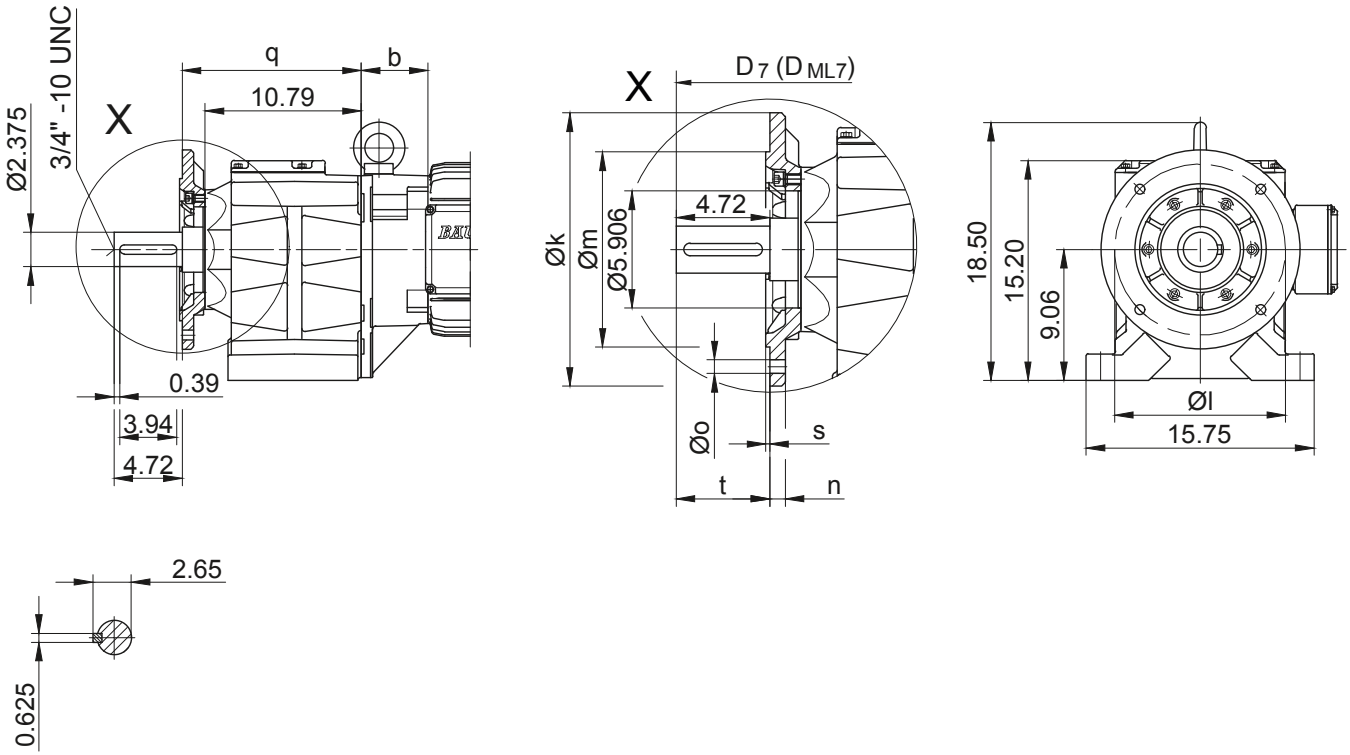
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG70Z-../D..08.A.	7.85	7.95	6.14	31.69	4.57	5.37	34.29	36.10	38.52	34.29
BG70Z-../D..08.B.	9.04	7.95	6.14	32.87	4.57	5.37	35.47	37.28	39.68	35.47
BG70-../D..09.A.	9.86	3.29	6.93	29.03	4.94	6.18	32.69	33.27	36.79	32.69
BG70Z-../D..09.A.	9.86	8.52	6.93	34.27	4.94	6.18	37.93	38.50	42.03	37.93
BG70-../D..09.B.	12.15	3.29	6.93	31.31	4.94	6.18	34.98	35.53	39.07	34.98
BG70Z-../D..09.B.	12.15	8.52	6.93	36.55	4.94	6.18	40.21	40.77	44.31	40.21
BG70-../D..11.A.	12.56	3.54	8.58	31.98	6.50	6.93	35.84	36.22	39.86	35.84
BG70Z-../D..11.A.	12.56	8.78	8.58	37.22	6.50	6.93	41.08	41.46	45.10	41.08
BG70-../D..11.B.	15.24	3.54	8.58	34.66	6.50	6.93	38.44	38.90	42.54	38.44
BG70Z-../D..11.B.	15.24	8.78	8.58	39.90	6.50	6.93	43.68	44.13	47.78	43.68
BG70-../D..13.A.	15.47	4.06	10.16	35.41	8.54	8.54	39.78	39.63	43.76	39.66
BG70Z-../D..13.A.	15.47	9.29	10.16	40.65	8.54	8.54	45.02	44.86	49.00	44.90
BG70-../D..16.B.	17.89	4.61	12.20	38.38	9.57	9.57	44.03	42.60	48.11	44.03
BG70Z-../D..16.B.	17.89	9.84	12.20	43.62	9.57	9.57	49.27	25.72	53.35	49.27
BG70-../D..18.B.	21.34	5.47	13.70	42.69	11.34	11.34	48.58	46.85	52.66	48.58
BG70Z-../D..18.B.	21.34	10.71	13.70	47.93	11.34	11.34	53.81	52.09	57.89	53.81
BG70-../D..20.A.	27.70	6.14	14.29	49.72	11.02	11.02	54.74	53.88	58.90	49.72
BG70-../D..20.A.	27.70	6.14	14.29	49.72	11.02	11.02	54.74	53.88	58.90	49.72
Dimensions in inch										

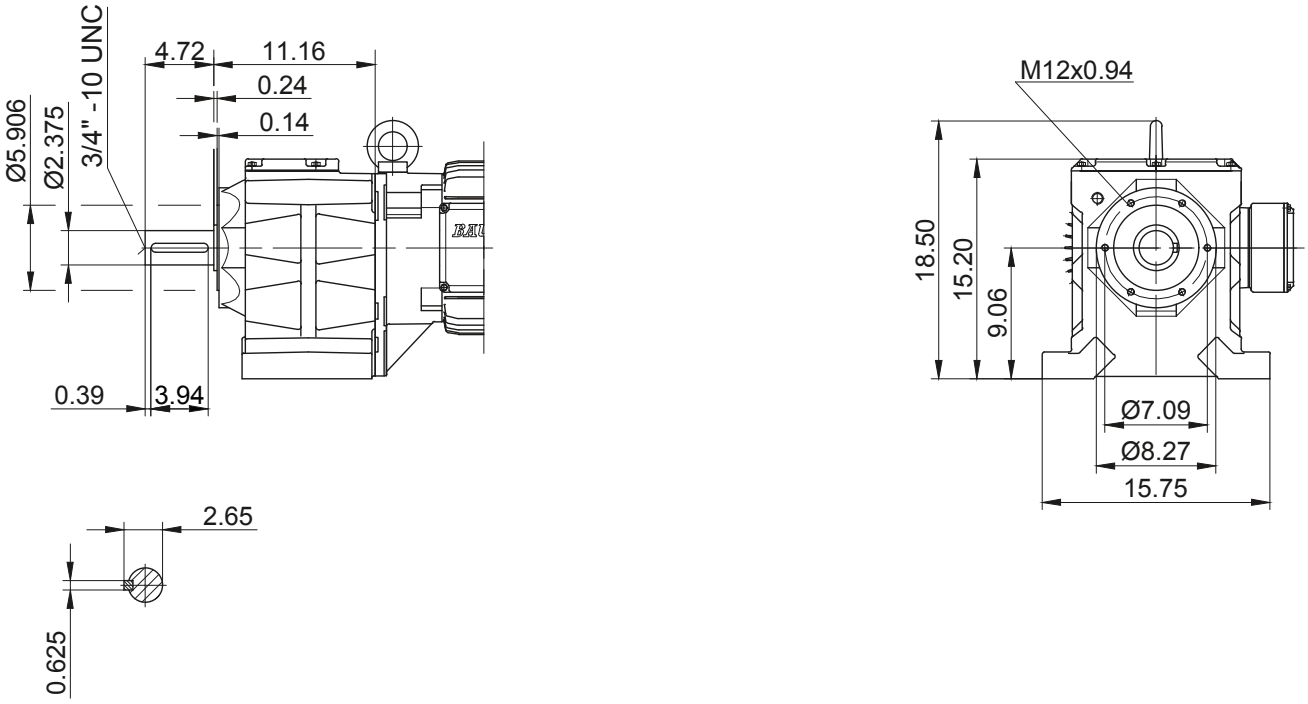
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG70 - BG70Z

Flange with clearance holes
Code -37/
(Code -27/)



Flange with tapped holes
Code -71/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

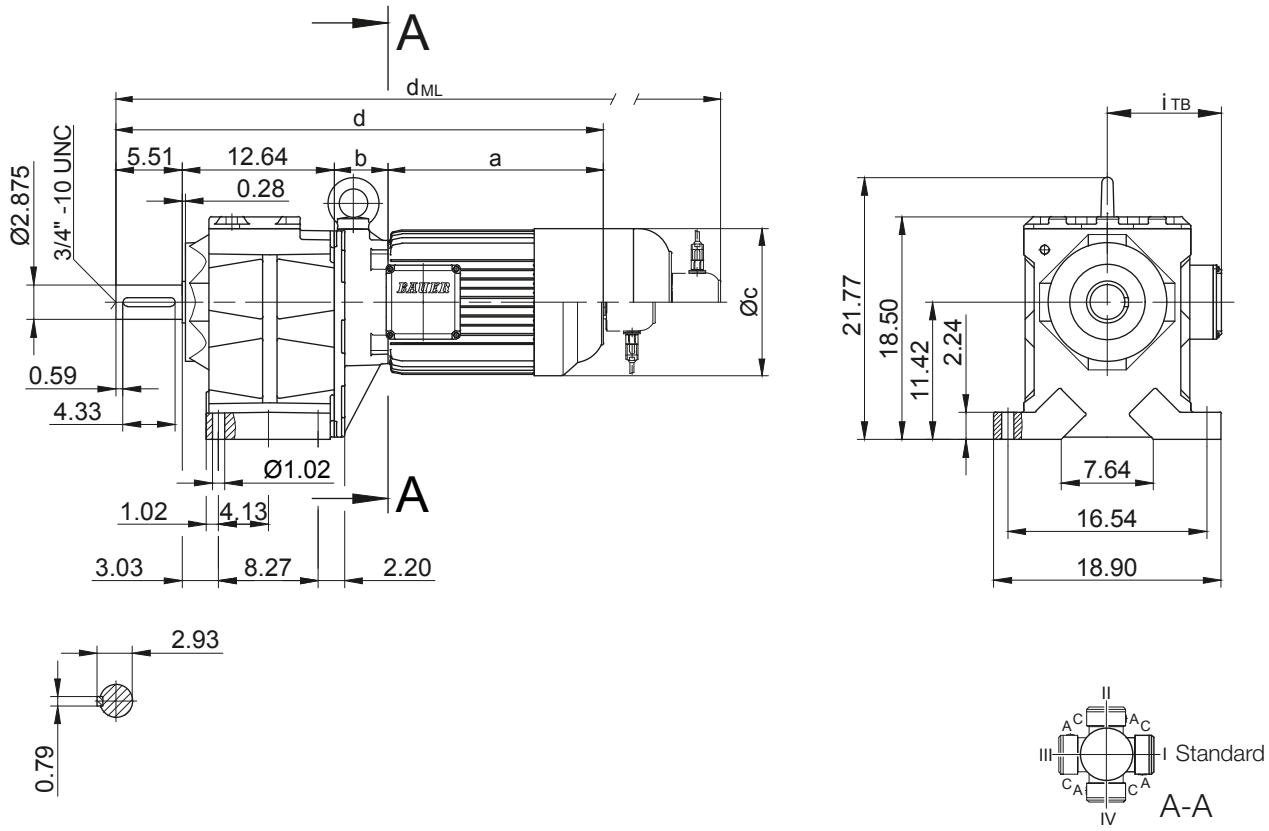
BG-series helical-geared motors

Dimension-Standard Imperial

BG80 - BG80Z

Foot mounting with clearance holes

Code -11/



10

Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG80..	Code -37/	15.748	13.780	11.811	0.787	4 x 0.689	13.583	0.197	5.510	d+0.945	d_{ML}+0.945
BG80..	Code -27/	13.780	11.811	9.843	0.787	4 x 0.689	13.583	0.197	5.510	d+0.945	d_{ML}+0.945
BG80..	Code -47/	17.717	15.748	13.780	0.866	8 x 0.689	13.976	0.197	5.116	d+0.945	d_{ML}+0.945
Dimensions in inch											

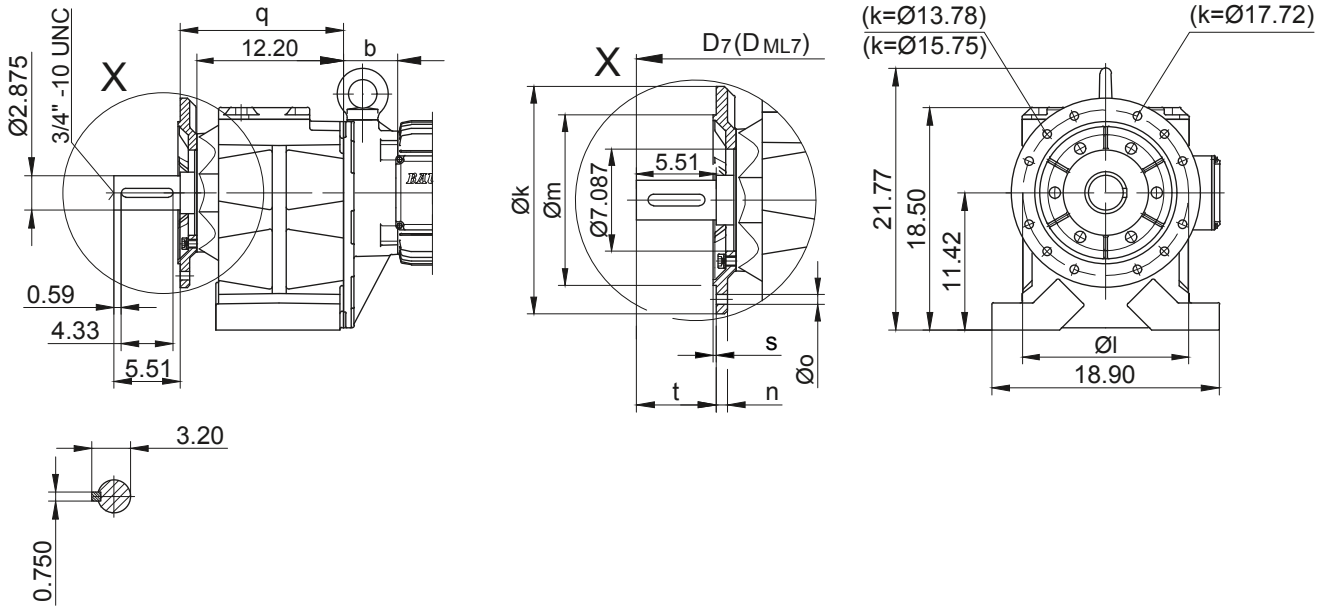
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG80Z-../D..09.A.	9.86	9.94	6.93	37.95	4.94	6.18	41.61	42.19	45.71	41.61
BG80Z-../D..09.B.	12.15	9.94	6.93	40.23	4.94	6.18	43.90	44.45	47.99	43.90
BG80-../D..11.A.	12.56	3.43	8.58	34.13	6.50	6.93	37.99	38.37	42.01	37.99
BG80Z-../D..11.A.	12.56	10.20	8.58	40.90	6.50	6.93	44.76	45.14	42.01	37.99
BG80-../D..11.B.	15.24	3.43	8.58	36.81	6.50	6.93	40.59	41.05	44.69	40.59
BG80Z-../D..11.B.	15.24	10.20	8.58	43.58	6.50	6.93	47.36	47.82	51.46	47.36
BG80-../D..13.A.	15.47	3.94	10.16	37.56	8.54	8.54	41.93	41.77	45.91	41.81
BG80Z-../D..13.A.	15.47	10.71	10.16	44.33	8.54	8.54	48.70	48.55	52.68	48.58
BG80-../D..16.B.	17.89	4.49	12.20	40.53	9.57	9.57	46.18	44.75	50.26	46.18
BG80Z-../D..16.B.	17.89	11.26	12.20	47.30	9.57	9.57	52.95	51.52	57.03	52.95
BG80-../D..18.B.	21.34	5.35	13.70	44.84	11.34	11.34	47.05	45.61	51.12	47.05
BG80Z-../D..18.B.	21.34	12.13	13.70	51.61	11.34	11.34	53.82	52.38	57.90	53.82
BG80-../D..20.A.	27.70	6.02	14.29	51.87	11.02	11.02	56.89	56.03	61.05	51.87
BG80-../D..22.A.	27.70	6.02	14.29	51.87	11.02	11.02	56.89	56.03	61.05	51.87
Dimensions in inch										

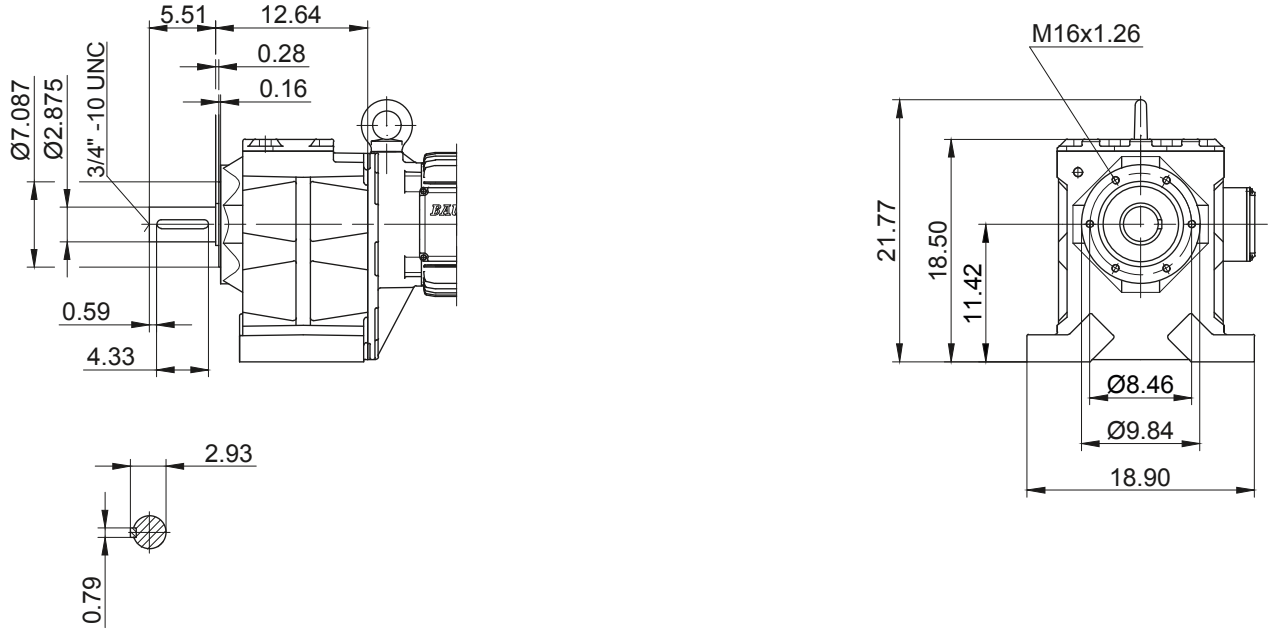
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG80 - BG80Z

Flange with clearance holes
Code -37/
(Code -27/)
(Code -47/)



Flange with tapped holes
Code -71/



10

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

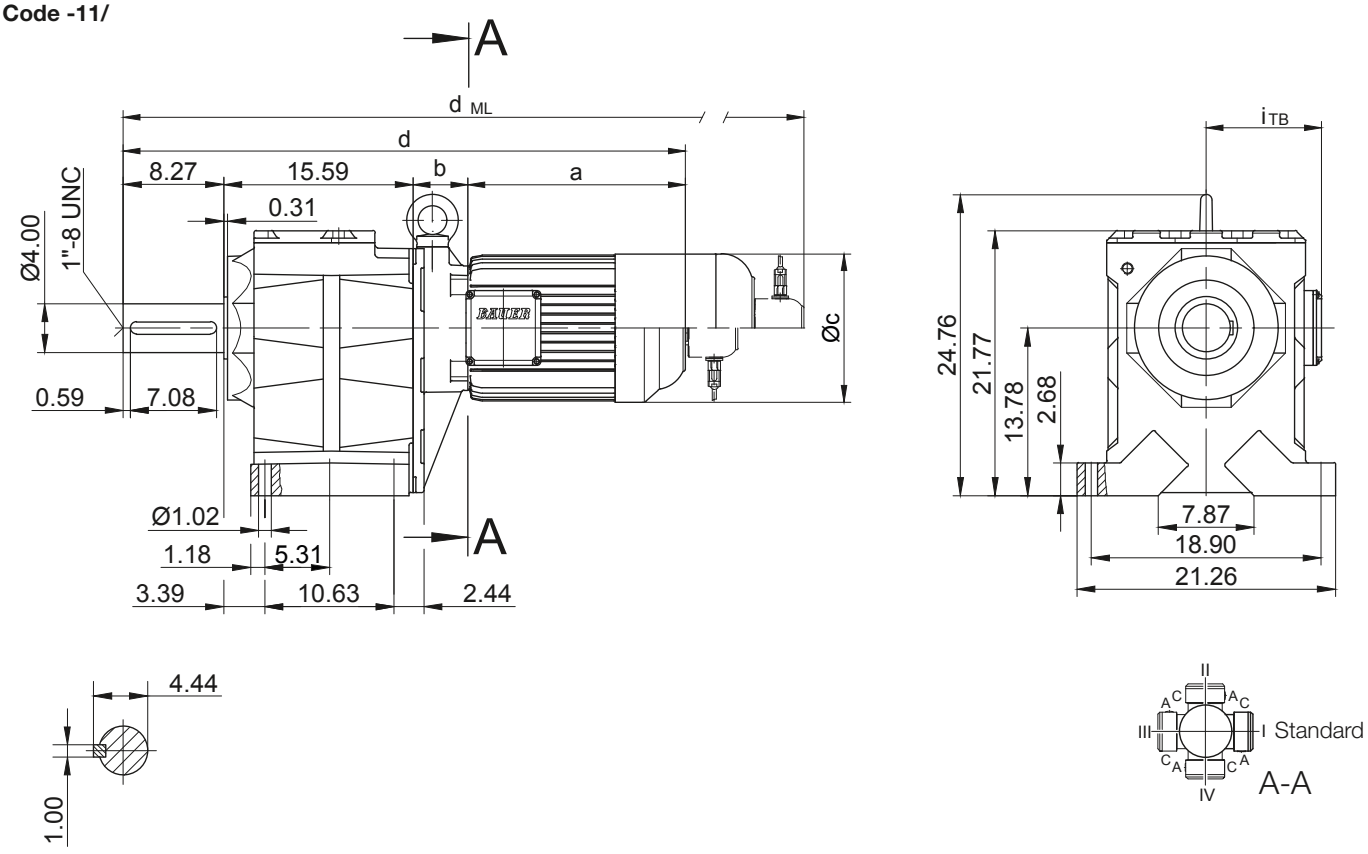
BG-series helical-geared motors

Dimension-Standard Imperial

BG90 - BG90Z

Foot mounting with clearance holes

Code -11/



10

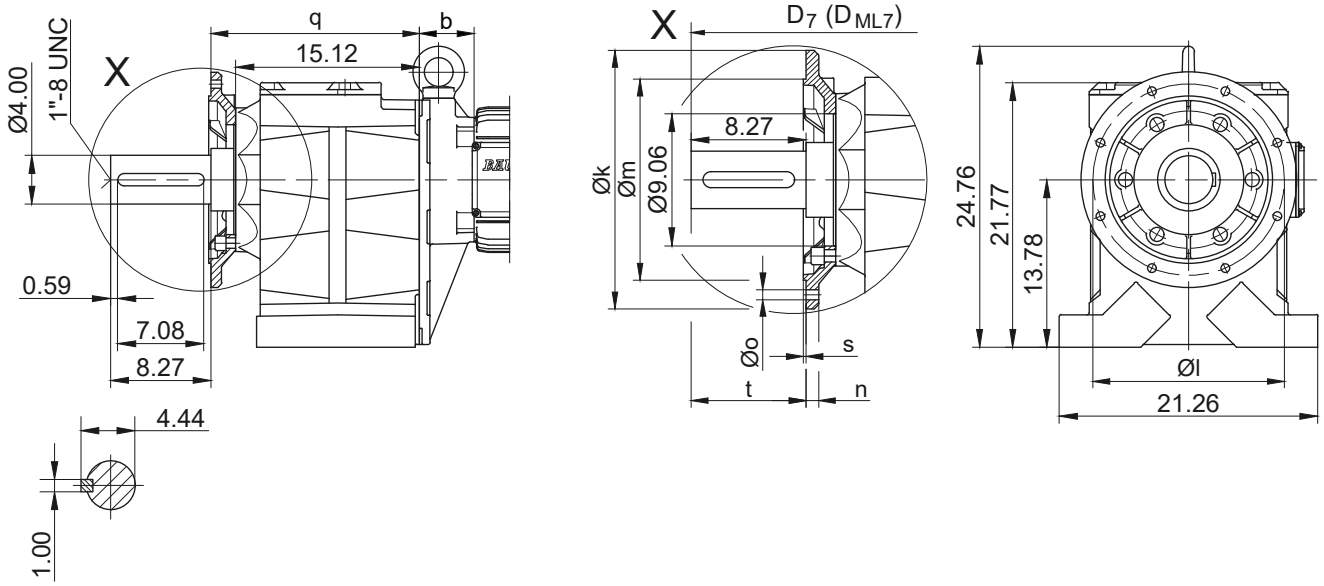
Flange Dimensions												Shaft extension tolerance:
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}	up to 1.5 in diameter: +0.000 / -0.0005 in
BG90..	Code -37/	17.717	15.748	13.780	0.866	0.689	17.283	0.197	8.270	d+1.693	d_{ML}+1.693	over 1.5 in diameter: +0.000 / -0.001 in
BG90..	Code -47/	21.654	19.685	17.717	0.866	0.689	17.480	0.197	8.073	d+1.693	d_{ML}+1.693	Flange spigot diameter: +0.0003 / -0.0015 in
Dimensions in inch												

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG90Z-../D..09.A.	9.86	10.51	6.93	44.23	4.94	6.18	47.90	48.47	51.99	47.90
BG90Z-../D..09.B.	12.15	10.51	6.93	46.52	4.94	6.18	50.18	50.73	54.28	50.18
BG90Z-../D..11.A.	12.56	10.77	8.58	47.19	6.50	6.93	51.05	51.42	55.07	51.05
BG90Z-../D..11.B.	15.24	10.77	8.58	49.86	6.50	6.93	53.64	54.10	57.74	53.64
BG90-../D..13.A.	15.47	3.94	10.16	43.27	8.54	8.54	47.64	47.49	51.62	47.52
BG90Z-../D..13.A.	15.47	11.28	10.16	50.61	8.54	8.54	54.98	54.83	58.96	54.86
BG90-../D..16.B.	17.89	4.49	12.20	46.24	9.57	9.57	51.89	50.46	55.97	51.89
BG90Z-../D..16.B.	17.89	11.83	12.20	53.58	9.57	9.57	59.23	57.80	63.31	59.23
BG90-../D..18.B.	21.34	5.35	13.70	50.55	11.34	11.34	56.44	54.71	60.52	56.44
BG90Z-../D..18.B.	21.34	12.70	13.70	57.90	11.34	11.34	63.78	62.05	67.86	63.78
BG90-../D..20.A.	27.70	6.02	14.29	57.58	11.02	11.02	62.60	61.74	66.76	57.58
BG90-../D..22.A.	27.70	6.02	14.29	57.58	11.02	11.02	62.60	61.74	66.76	57.58
Dimensions in inch										

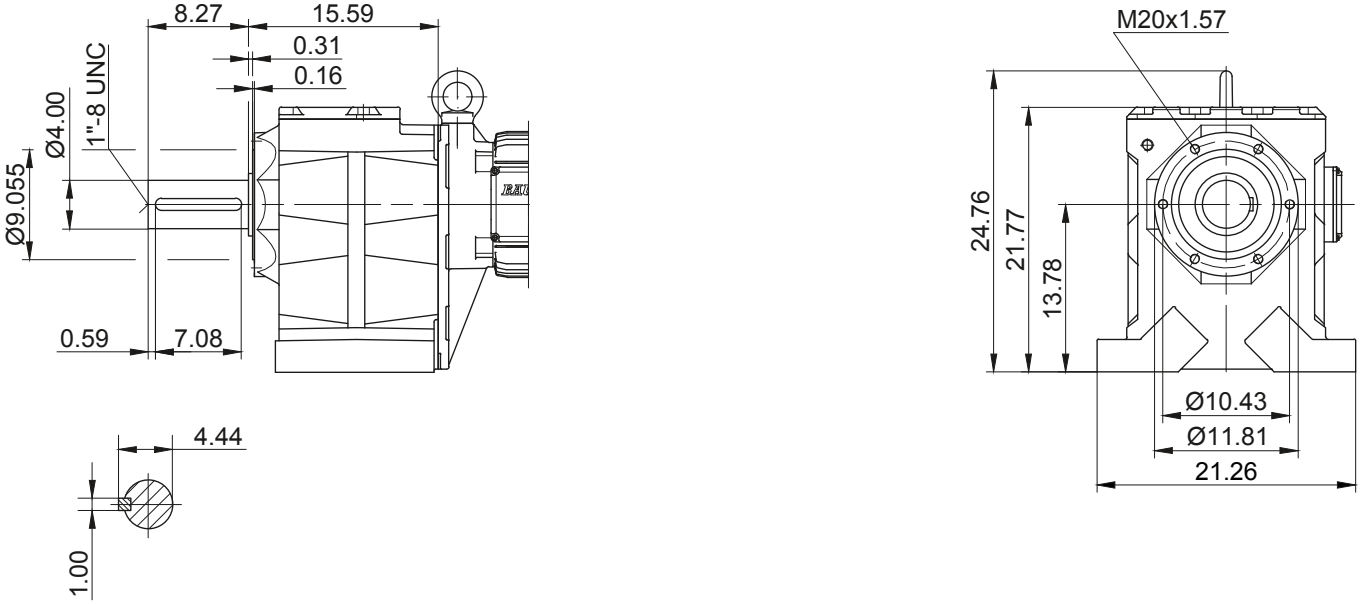
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG90 - BG90Z

Flange with clearance holes
Code -37/
(Code -47/)



Flange with tapped holes
Code -71/



10

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

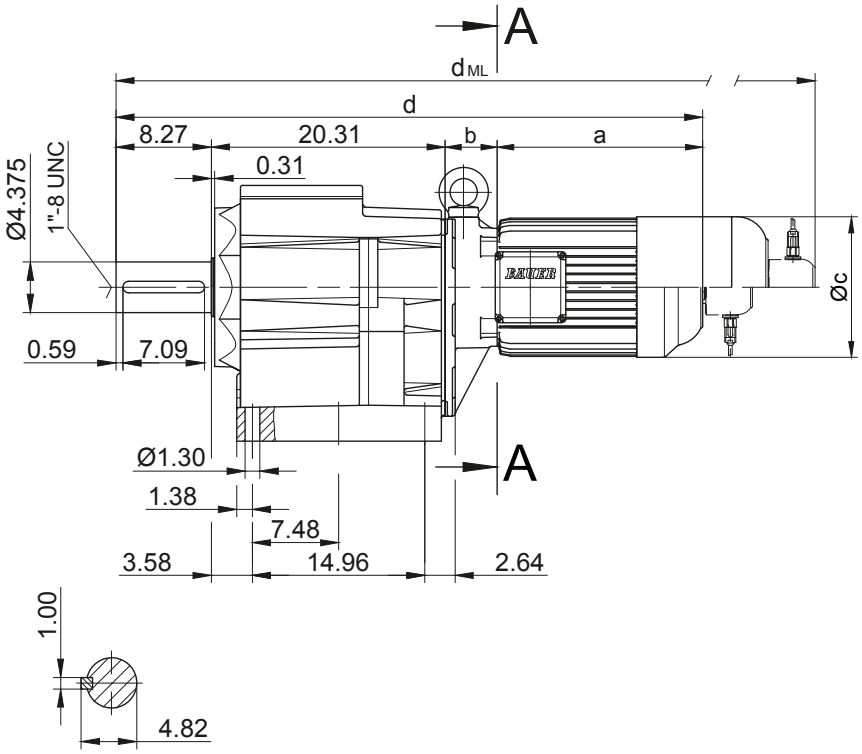
BG-series helical-geared motors

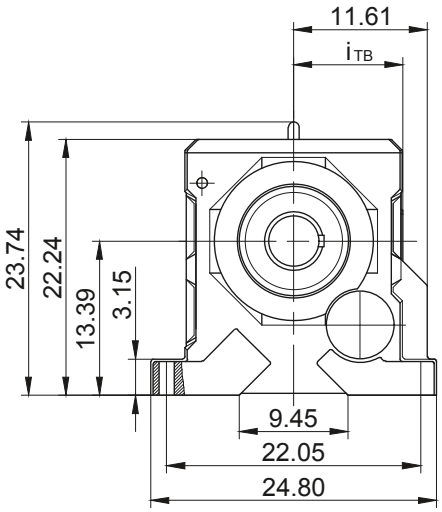
Dimension-Standard Imperial

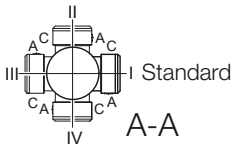
BG100 - BG100Z

Foot mounting with clearance holes

Code -11/







10

Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG100..	Code -37/	21.654	19.685	17.717	0.866	0.689	21.969	0.197	8.270	d+1.653	d_{ML}+1.653
BG100..	Code -47/	25.984	23.622	21.654	0.984	0.866	21.732	0.236	8.506	d+1.653	d_{ML}+1.653
Dimensions in inch											

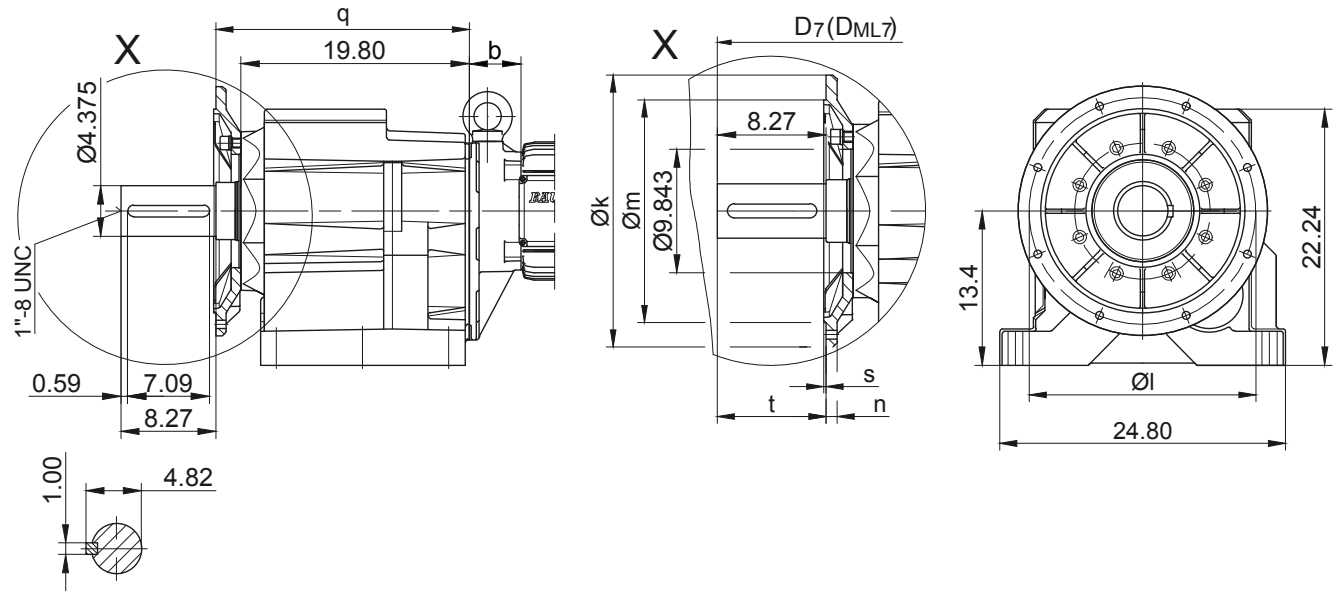
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG100Z-../D..09.A.	9.86	9.94	6.93	48.39	4.94	6.18	52.05	52.62	56.15	52.05
BG100Z-../D..09.B.	12.15	9.94	6.93	50.67	4.94	6.18	54.33	54.89	58.43	54.33
BG100-../D..11.A.	12.56	3.43	8.58	44.57	6.50	6.93	48.43	48.81	52.45	48.43
BG100Z-../D..11.A.	12.56	10.20	8.58	51.34	6.50	6.93	55.20	55.58	59.22	55.20
BG100-../D..11.B.	15.24	3.43	8.58	47.25	6.50	6.93	51.03	51.48	55.12	51.03
BG100Z-../D..11.B.	15.24	10.20	8.58	54.02	6.50	6.93	57.80	58.25	61.90	57.80
BG100-../D..13.A.	15.47	3.94	10.16	47.99	8.54	8.54	52.36	52.21	56.34	52.25
BG100Z-../D..13.A.	15.47	10.71	10.16	54.77	8.54	8.54	59.14	58.98	63.12	59.02
BG100-../D..16.B.	17.89	4.49	12.20	50.97	9.57	9.57	56.62	55.18	60.70	56.62
BG100Z-../D..16.B.	17.89	11.26	12.20	57.74	9.57	9.57	63.39	61.96	67.47	63.39
BG100-../D..18.B.	21.34	5.35	13.70	55.28	11.34	11.34	57.48	59.44	61.56	57.48
BG100Z-../D..18.B.	21.34	12.13	13.70	62.05	11.34	11.34	67.94	66.21	72.01	67.94
BG100-../D..20.A.	27.70	6.02	14.29	62.31	11.02	11.02	67.33	66.46	71.48	62.31
BG100-../D..22.A.	27.70	6.02	14.29	62.31	11.02	11.02	67.33	66.46	71.48	62.31
Dimensions in inch										

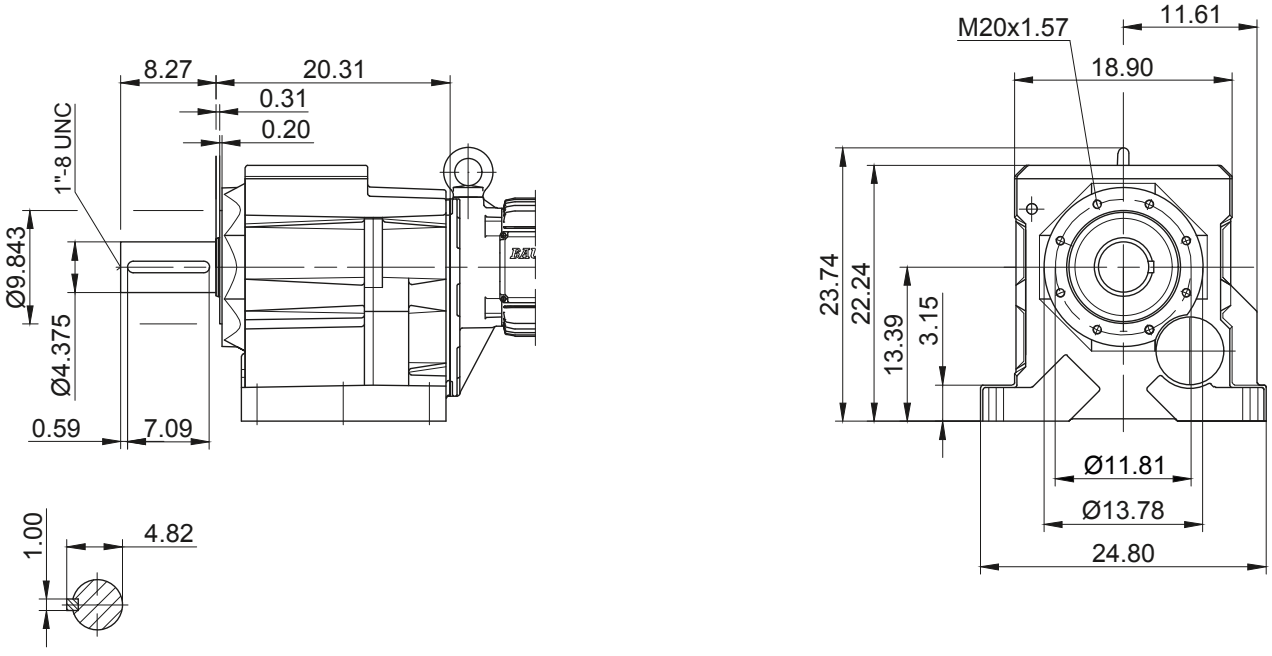
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG100 - BG100Z

Flange with clearance holes
Code -37/
(Code -47/)



Flange with tapped holes
Code -71/

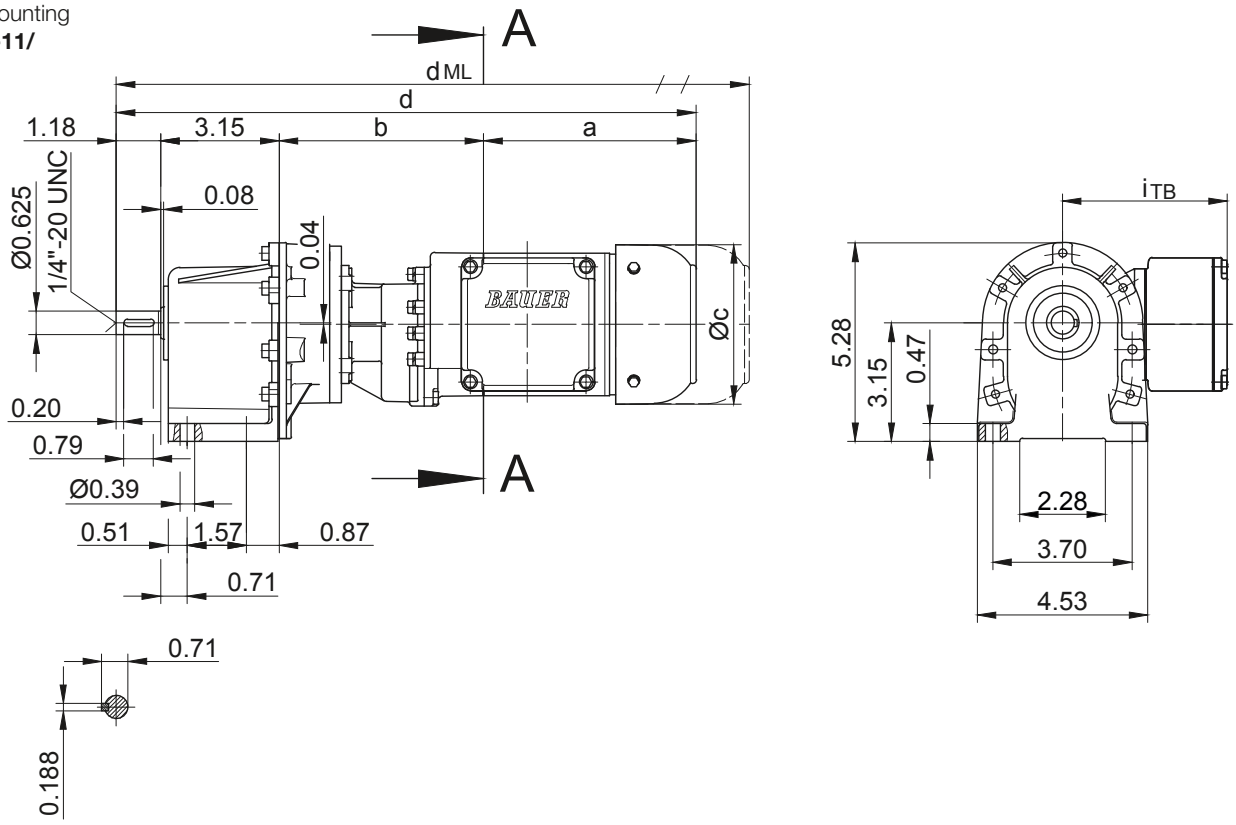


10

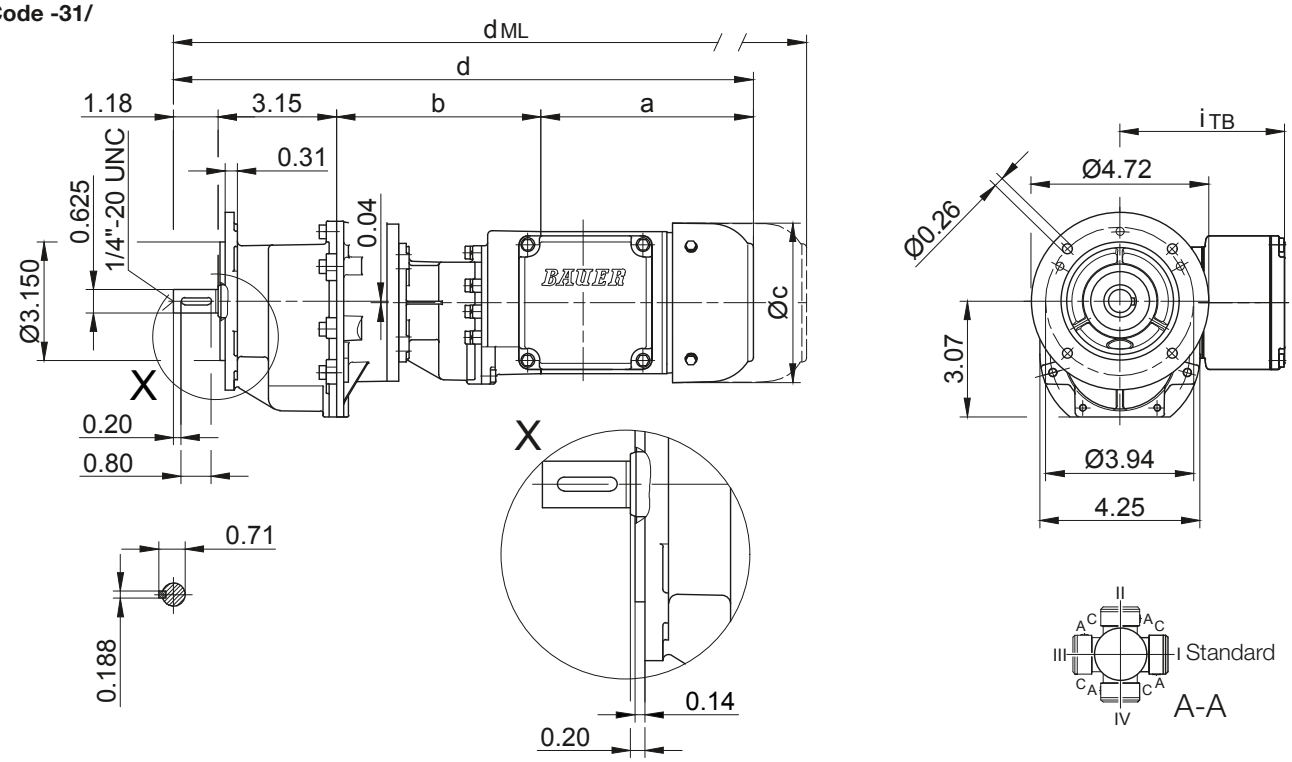
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG06G04

Foot mounting
Code -11/



Flange with clearance holes
Code -31/



Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG06G04-../D04.A.	6.70	7.76	4.84	21.70	4,00	4.69	23.35	25.74	27.21	-
Dimensions in inch										

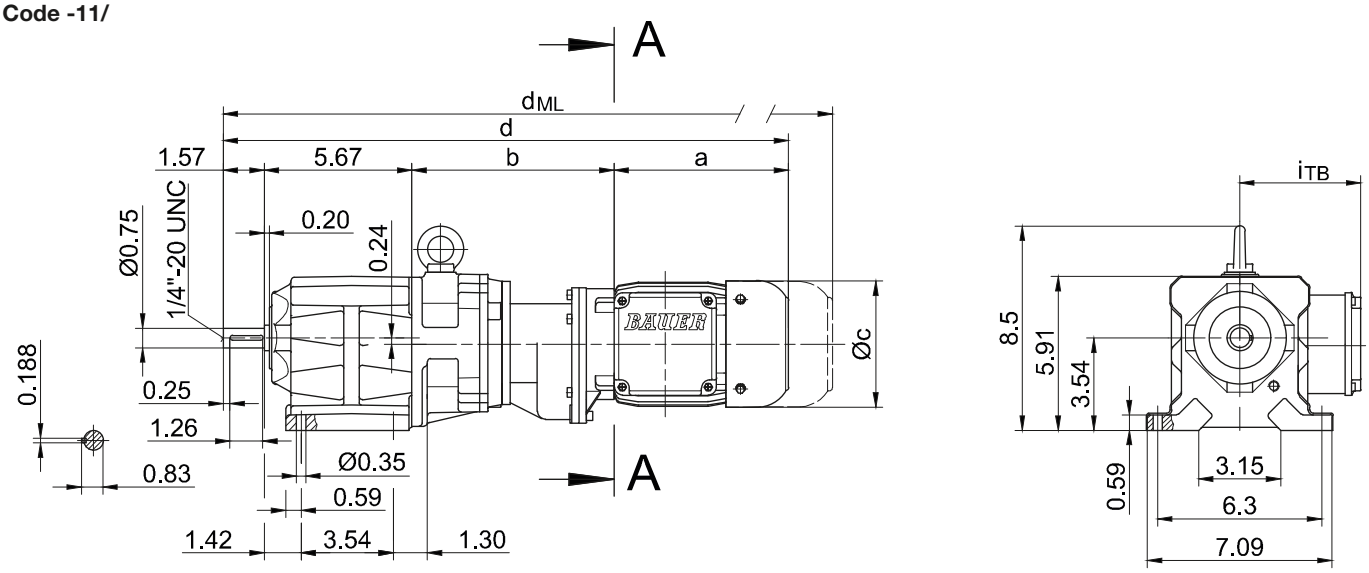
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

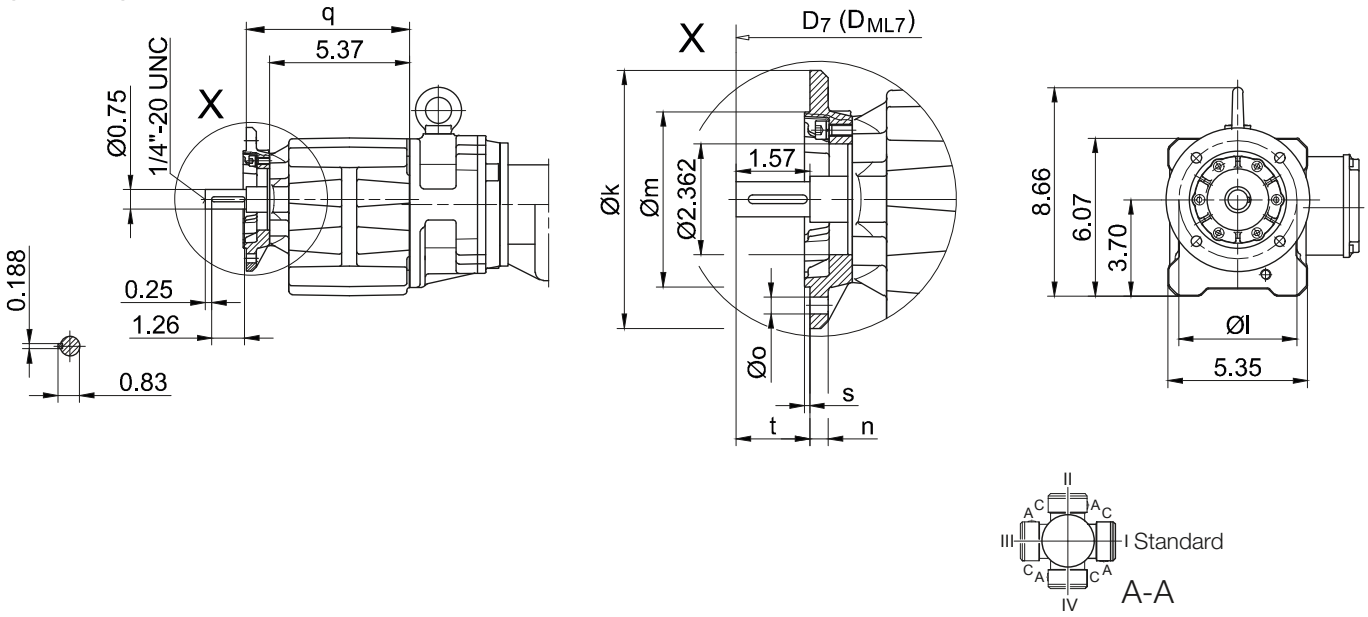
Dimension -Tandem Gearbox Imperial

BG10G06

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10..	Code -37V/	5.512	4.528	3.740	0.394	0.354	6.280	0.118	1.570	d+0.610	d_{ML}+0.610
BG10..	Code -27V/	4.724	3.937	3.150	0.315	0.260	6.083	0.118	1.767	d+0.610	d_{ML}+0.610
Dimensions in inch											

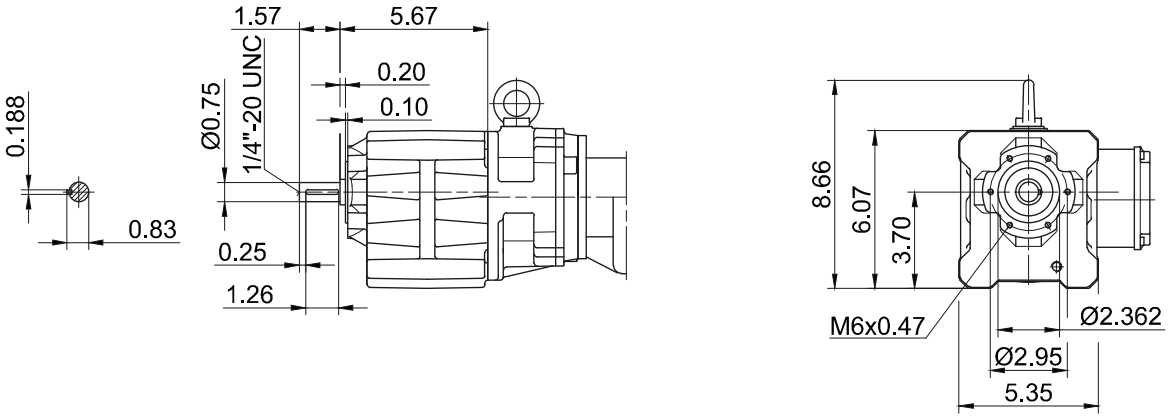
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10G06-../D04.A.	5.61	7.68	4.35	20.53	3.54	4.41	22.24	23.97	25.68	-
BG10G06-../D..05.A.	6.72	7.76	4.84	21.71	4,00	4.61	23.37	25.75	27.22	-
BG10G06-../D..06.A.	6.70	7.76	4.84	21.70	4,00	4.69	23.35	25.74	27.21	-
BG10G06-../D..07.A.	7.49	7.76	4.84	22.49	4,00	4.69	24.14	26.52	28.00	-
BG10G06-../D..08.A.	7.85	9.49	6.14	24.58	4.57	5.37	27.18	28.99	31.41	27.18
BG10G06-../D..08.B.	9.04	9.49	6.14	25.76	4.57	5.37	28.36	30.17	32.57	28.36
Dimensions in inch										

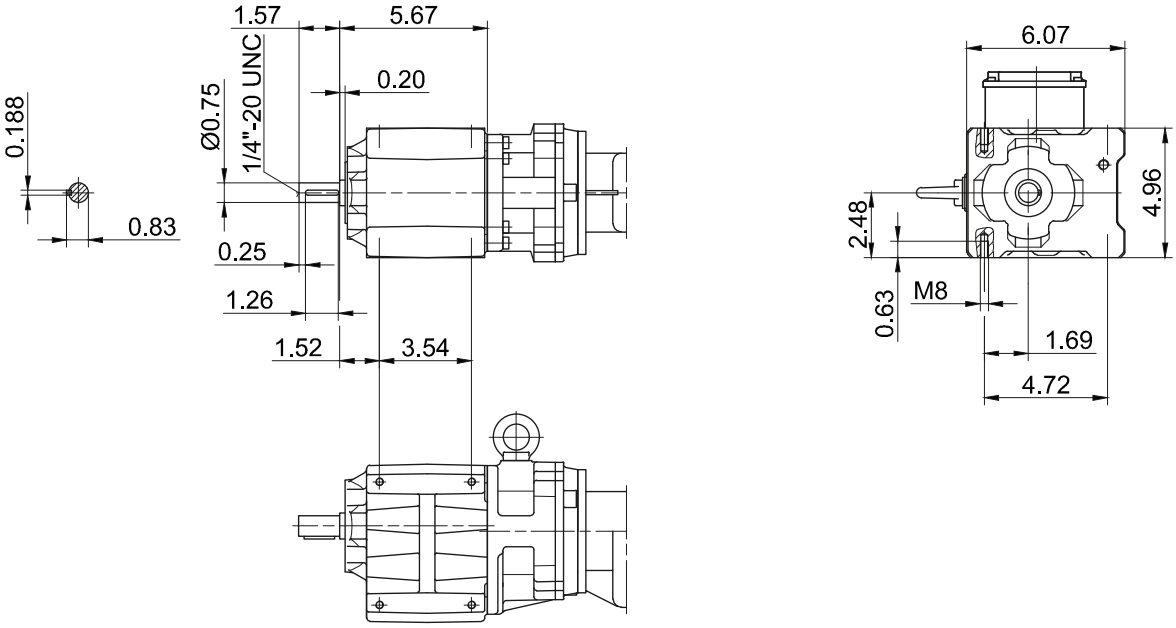
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10G06

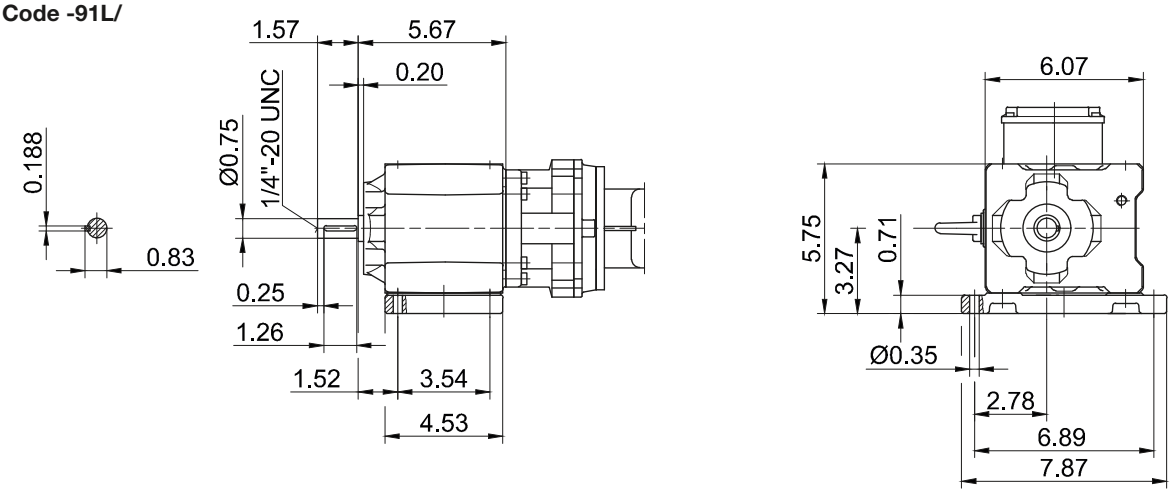
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



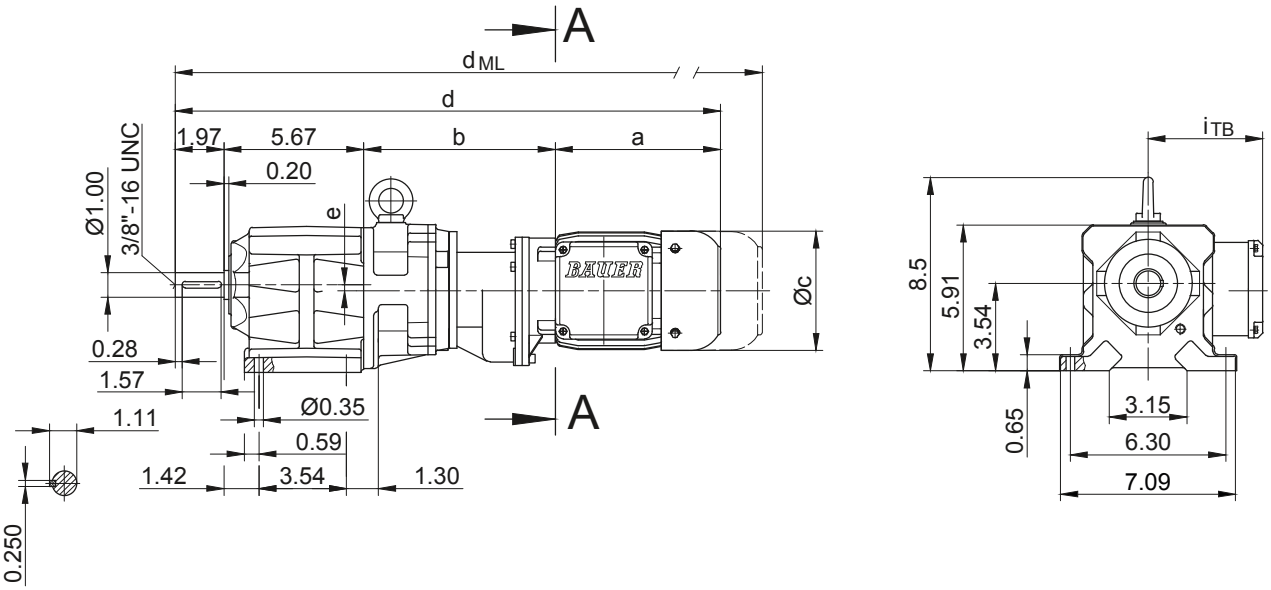
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

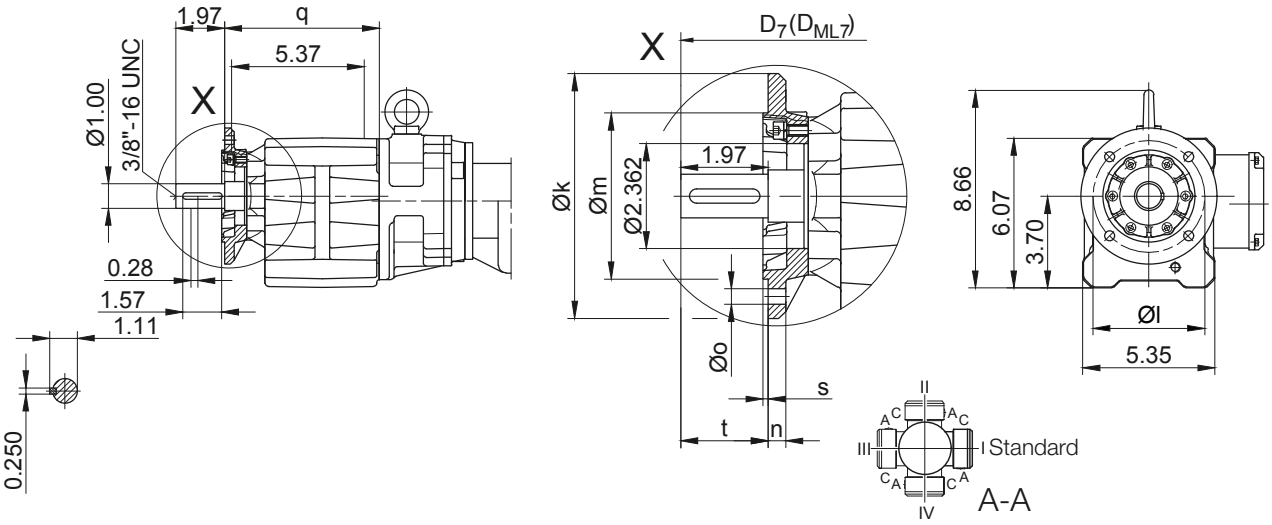
Dimension -Tandem Gearbox Imperial

BG10XG06

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10X..	Code -37V/	5.512	4.528	3.740	0.394	0.354	6.280	0.118	1.970	d+0.610	d_{ML}+0.610
BG10X..	Code -27V/	4.724	3.937	3.150	0.315	0.260	6.083	0.118	2.167	d+0.610	d_{ML}+0.610
Dimensions in inch											

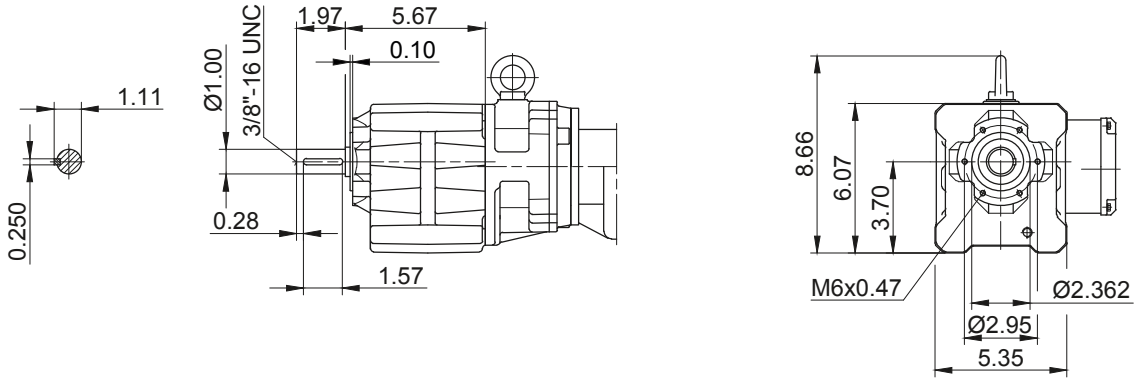
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10XG06-../D04.A.	5.61	7.68	4.35	20.93	3.54	4.41	22.24	24.37	26.08	-
BG10XG06-../D..05.A.	6.72	7.76	4.84	22.11	4,00	4.61	23.77	26.15	27.62	-
BG10XG06-../D..06.A.	6.70	7.76	4.84	22.10	4,00	4.69	23.75	26.14	27.61	-
BG10XG06-../D..07.A.	7.49	7.76	4.84	22.89	4,00	4.69	24.54	26.92	28.40	-
BG10XG06-../D..08.A.	7.85	9.49	6.14	24.98	4.57	5.37	27.58	29.39	31.81	27.58
BG10XG06-../D..08.B.	9.04	9.49	6.14	26.16	4.57	5.37	28.76	30.57	32.97	28.76
Dimensions in inch										

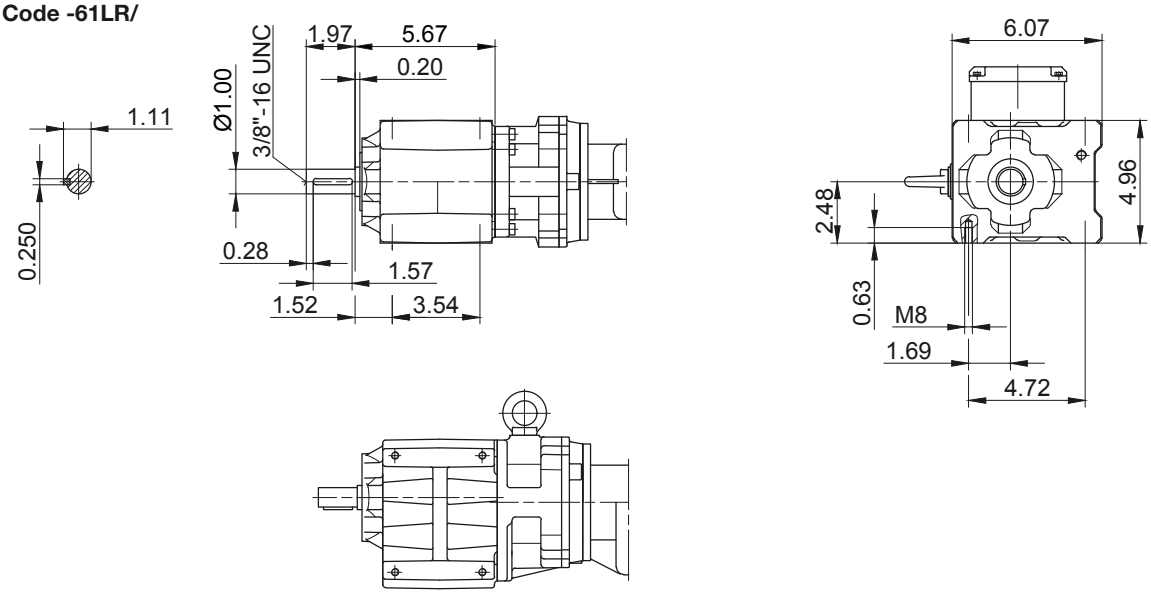
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10XG06

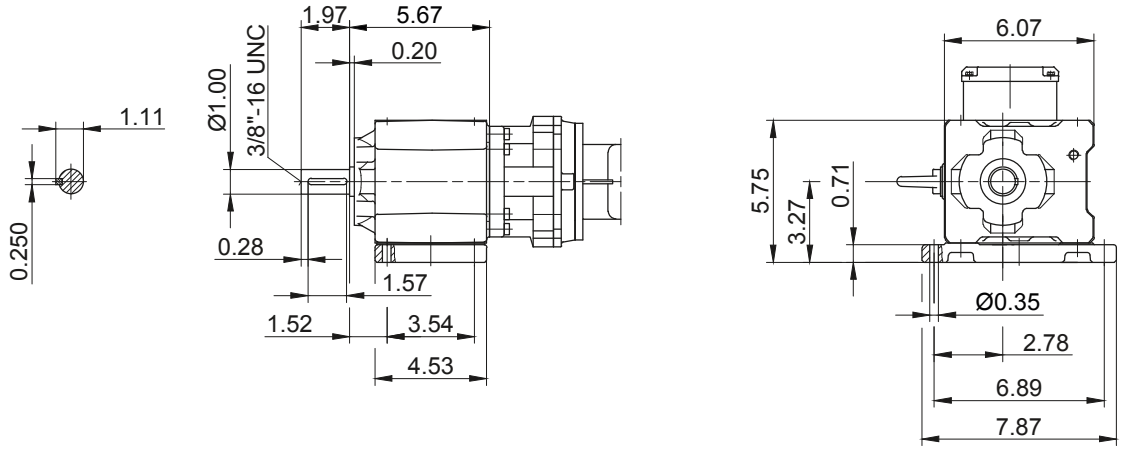
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



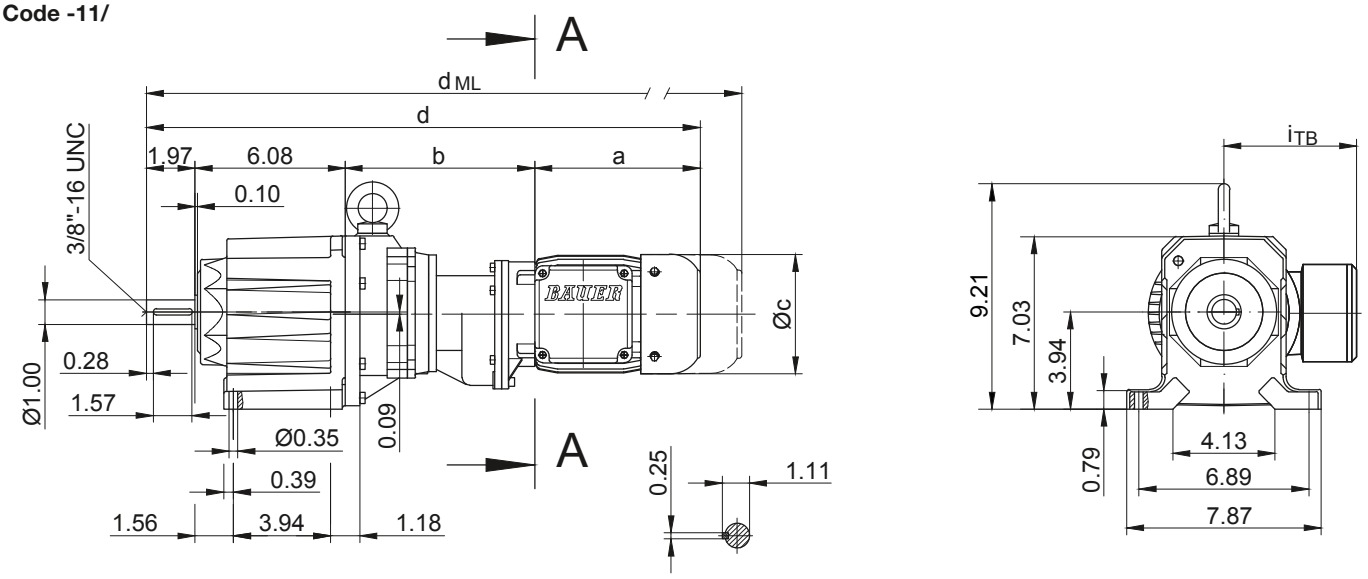
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

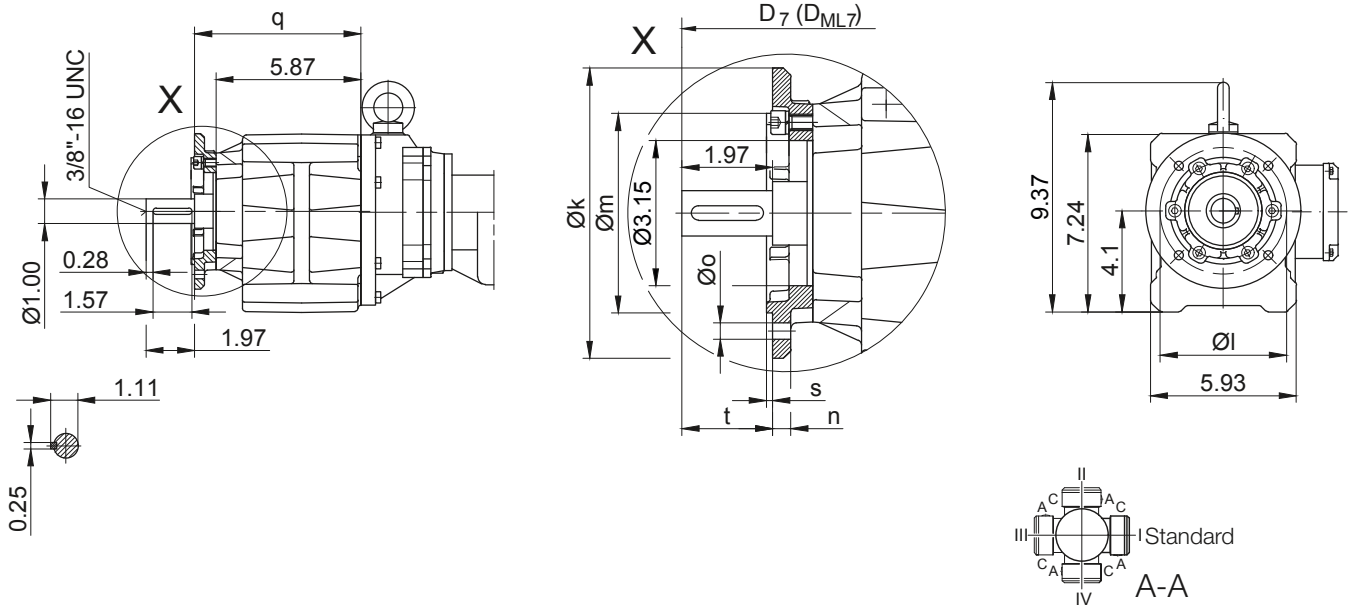
Dimension -Tandem Gearbox Imperial

BG20G06

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG20..	Code -37V/	6.299	5.118	4.331	0.394	0.354	6.732	0.138	1.970	d+0.650	d_{ML}+0.650
BG20..	Code -47V/	7.874	6.496	5.118	0.472	0.433	7.008	0.138	1.694	d+0.650	d_{ML}+0.650
Dimensions in inch											

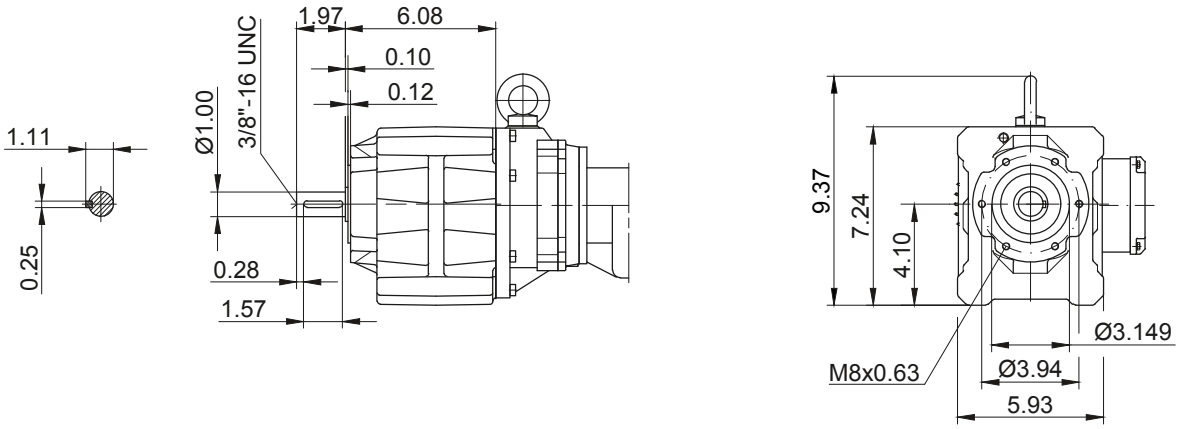
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG20G06-../D04.A.	5.61	7.60	4.35	21.26	3.54	4.41	22.97	24.70	26.41	-
BG20G06-../D..05.A.	6.72	7.68	4.84	22.45	4,00	4.61	24.10	26.48	27.96	-
BG20G06-../D..06.A.	6.70	7.68	4.84	22.43	4,00	4.69	24.09	26.47	27.95	-
BG20G06-../D..07.A.	7.49	7.68	4.84	23.22	4,00	4.69	24.88	27.26	28.73	-
BG20G06-../D..08.A.	7.85	9.41	6.14	25.32	4.57	5.37	27.91	29.73	32.15	27.91
BG20G06-../D..08.B.	9.04	9.41	6.14	26.50	4.57	5.37	29.10	30.91	33.31	29.10
Dimensions in inch										

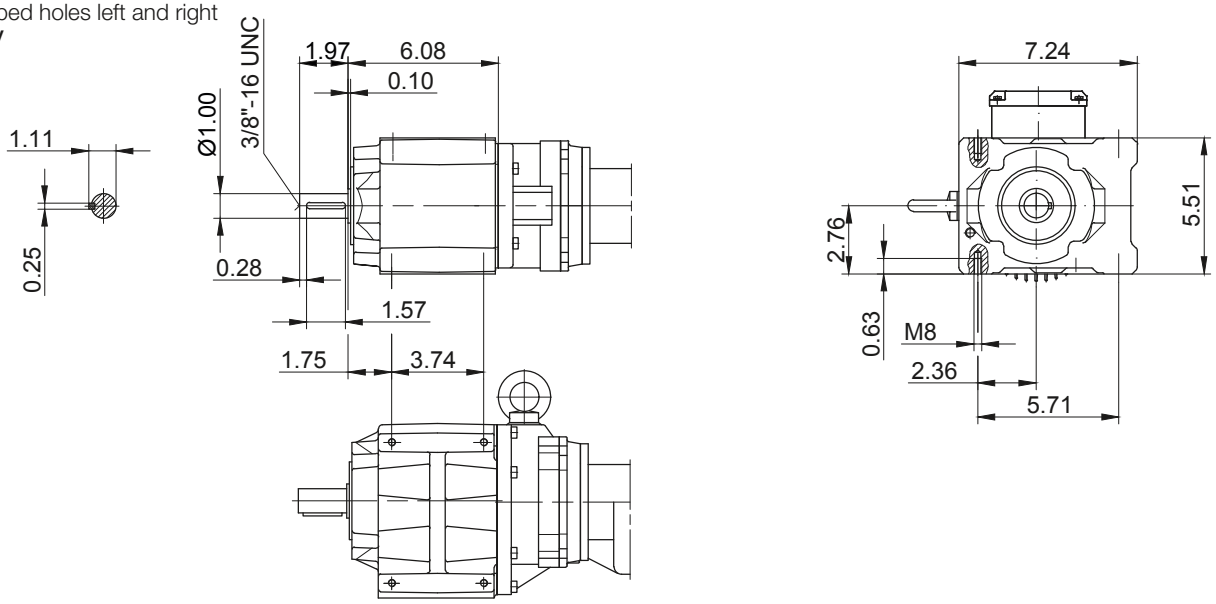
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG20G06

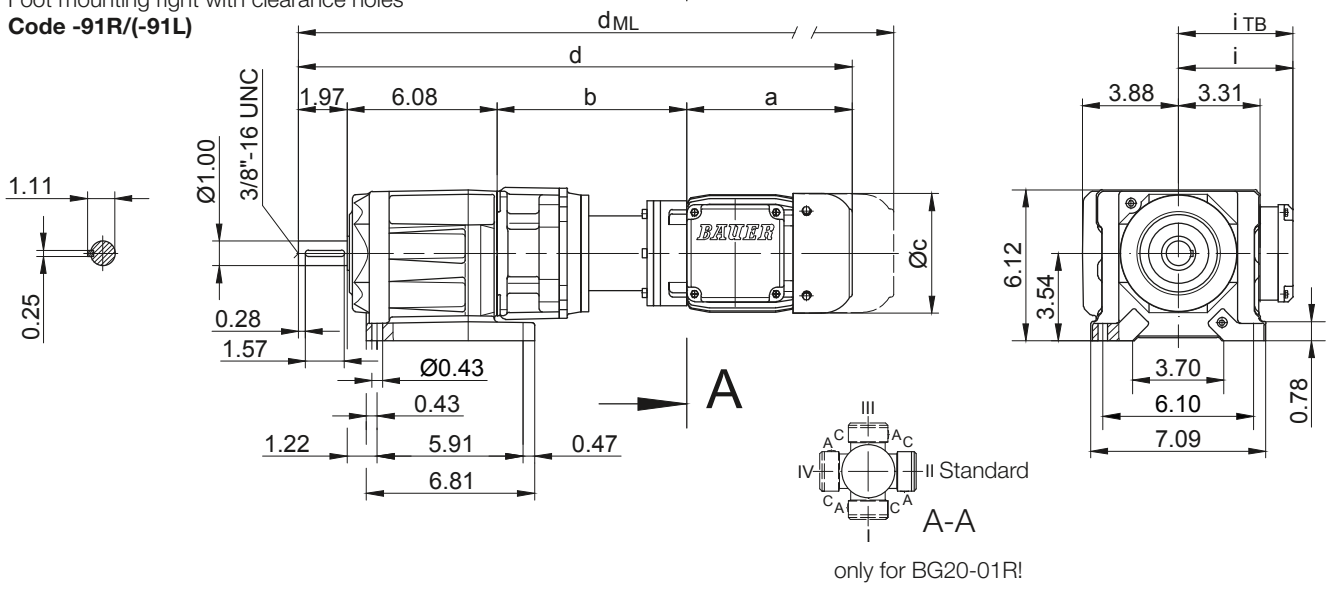
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot mounting right with clearance holes
Code -91R/(-91L)



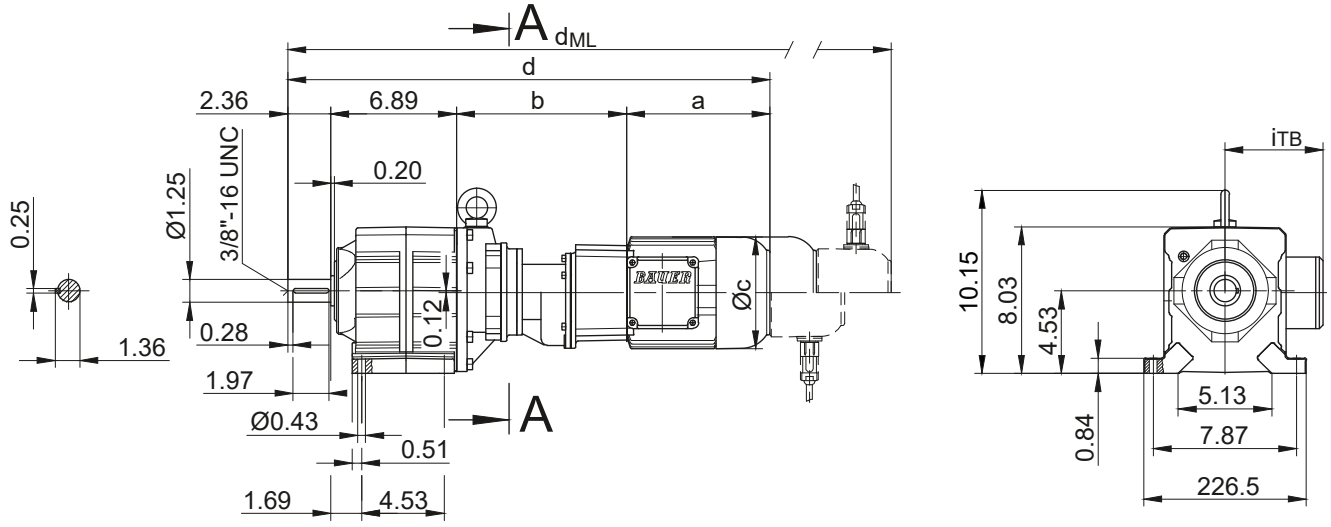
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

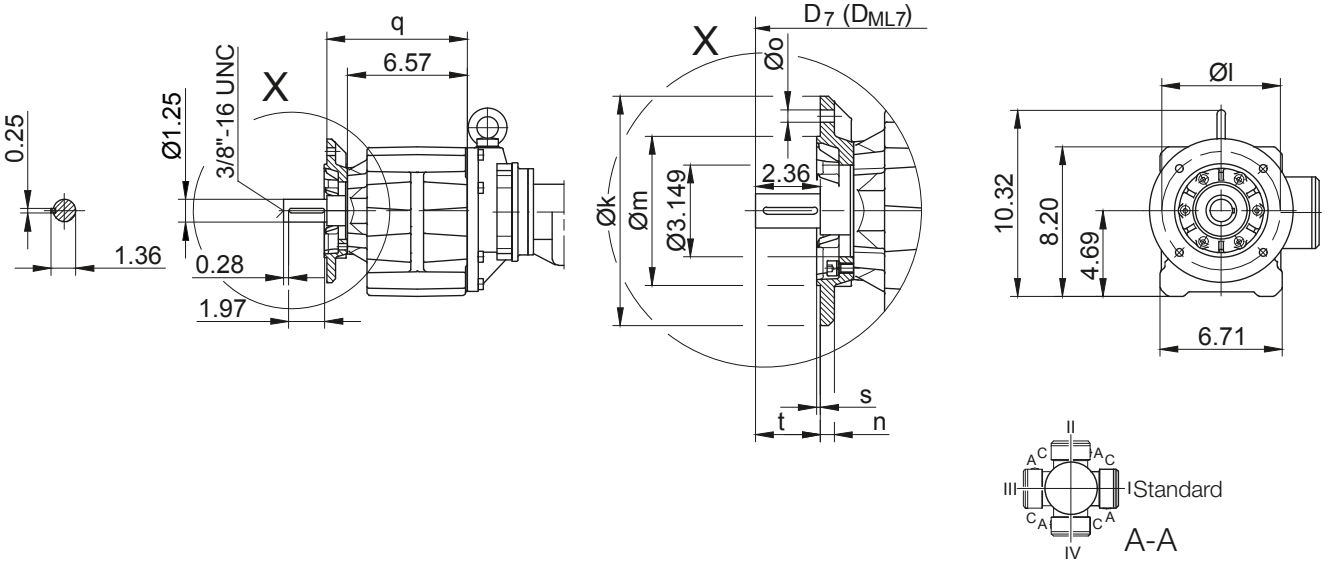
Dimension -Tandem Gearbox Imperial

BG30G06

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG30..	Code -37/	7.874	6.496	5.118	0.472	0.433	7.717	0.138	2.360	d+0.827	d_{ML}+0.827
BG30..	Code -27/	6.299	5.118	4.331	0.394	0.354	7.441	0.138	2.636	d+0.827	d_{ML}+0.827
Dimensions in inch											

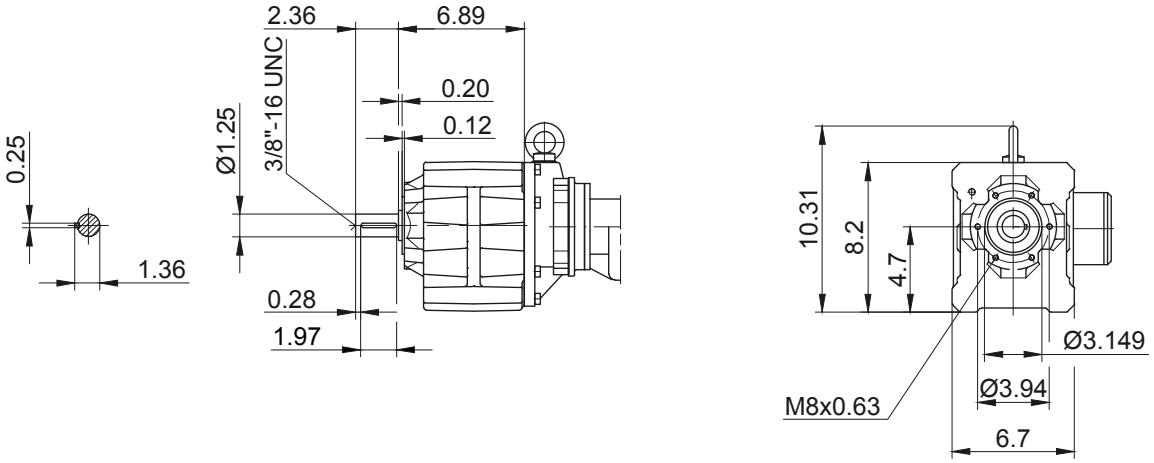
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG30G06-../D04.A.	5.61	7.52	4.35	22.38	3.54	4.41	24.09	25.82	27.53	-
BG30G06-../D..05.A.	6.72	7.60	4.84	23.56	4,00	4.61	25.22	27.60	29.08	-
BG30G06-../D..06.A.	6.70	7.60	4.84	23.55	4,00	4.69	25.21	27.59	29.06	-
BG30G06-../D..07.A.	7.49	7.60	4.84	24.34	4,00	4.69	25.99	28.38	29.85	-
BG30G06-../D..08.A.	7.85	9.33	6.14	26.43	4.57	5.37	29.03	30.84	33.27	29.03
BG30G06-../D..08.B.	9.04	9.33	6.14	27.62	4.57	5.37	30.21	32.03	34.43	30.21
Dimensions in inch										

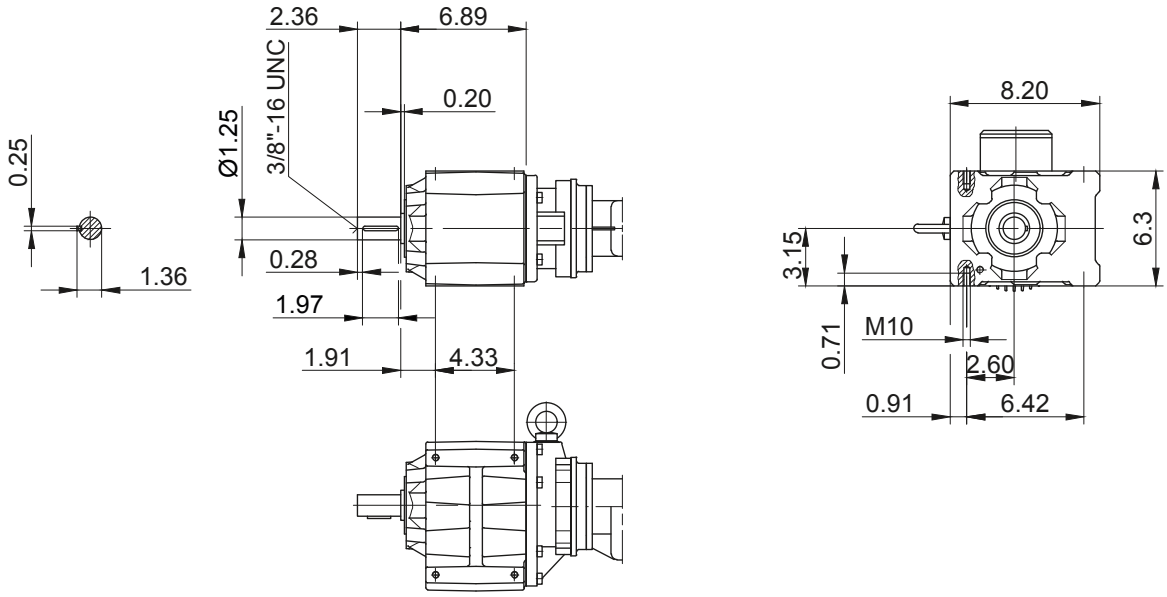
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG30G06

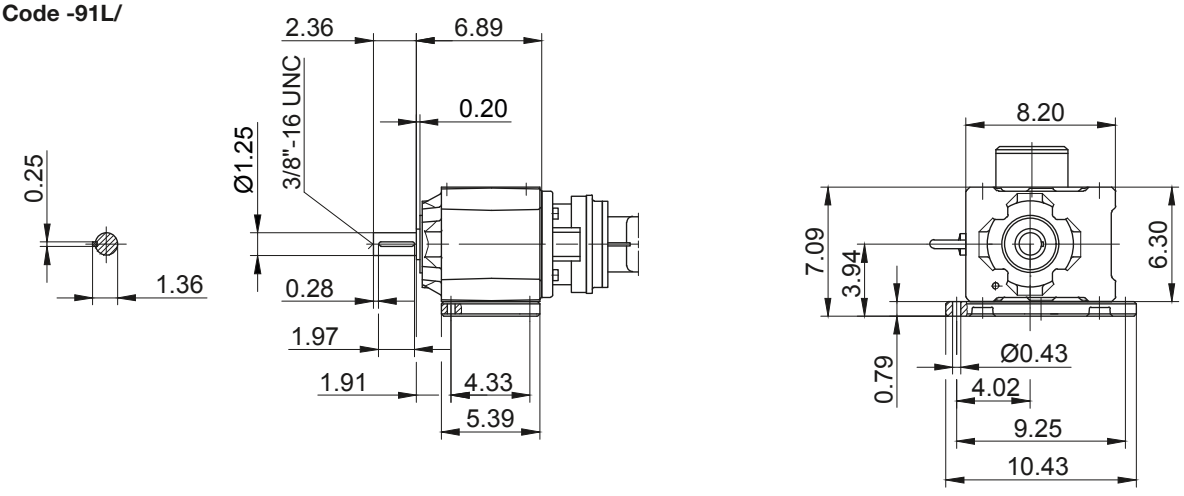
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



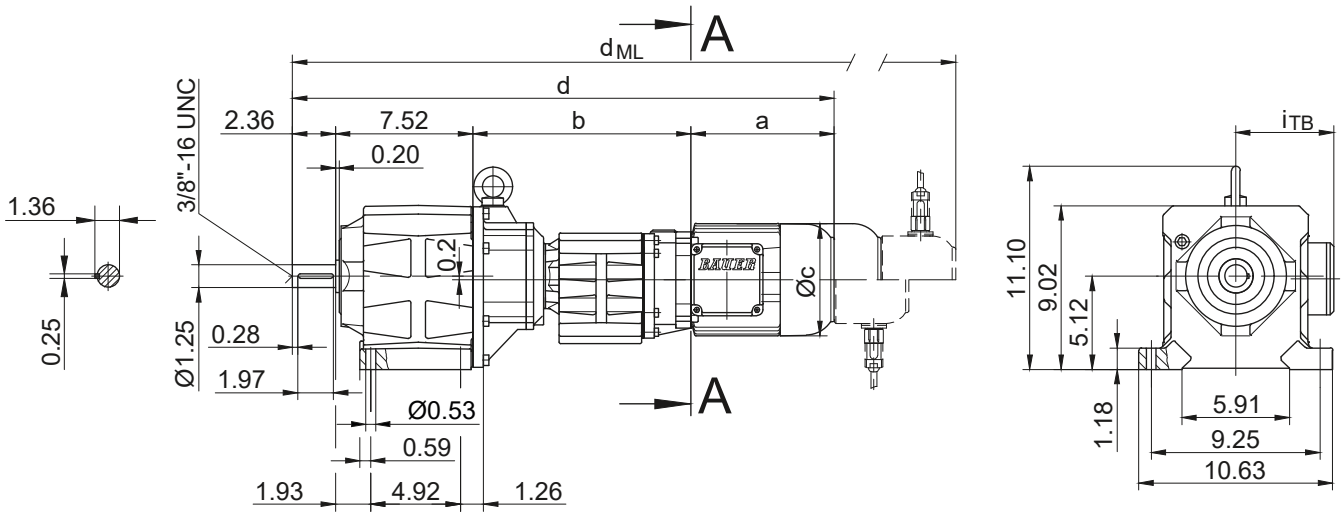
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

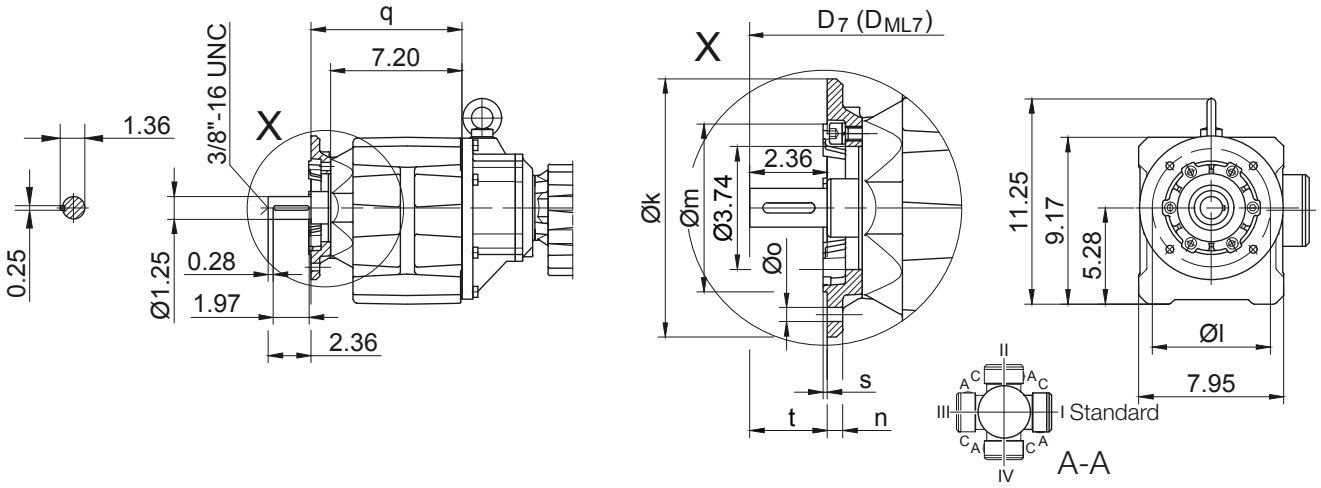
Dimension -Tandem Gearbox Imperial

BG40G10

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG40..	Code -37/	7.874	6.496	5.118	0.472	0.433	8.268	0.138	2.360	d+0.748	d_{ML}+0.748
BG40..	Code -47/	9.843	8.465	7.087	0.630	0.531	8.622	0.157	2.006	d+0.748	d_{ML}+0.748
Dimensions in inch											

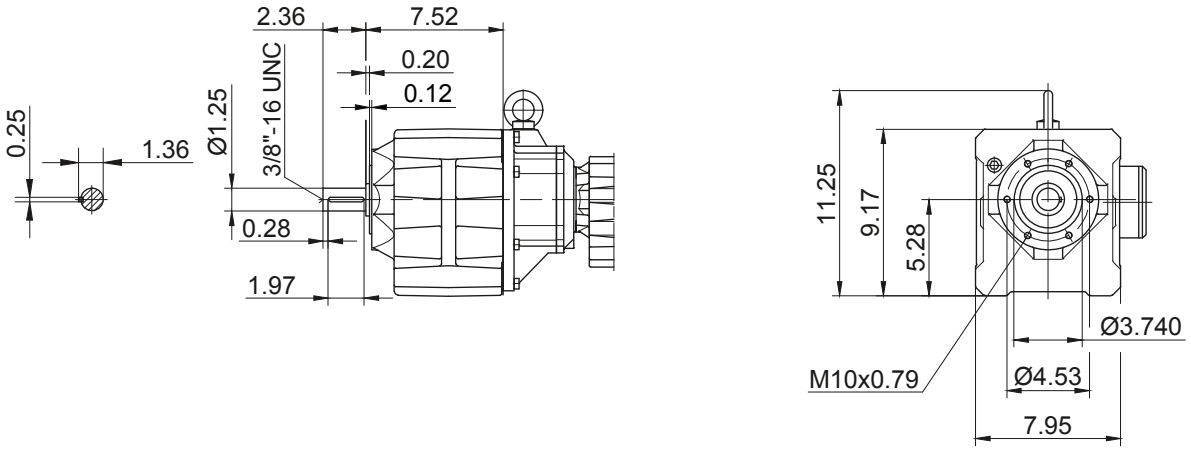
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG40G10-../D..05.A.	6.72	11.81	4.84	28.41	4,00	4.61	30.06	32.44	33.92	-
BG40G10-../D..06.A.	6.70	11.81	4.84	28.40	4,00	4.69	30.05	32.43	33.91	-
BG40G10-../D..07.A.	7.49	11.81	4.84	29.18	4,00	4.69	30.84	33.22	34.69	-
BG40G10-../D..08.A.	7.85	11.97	6.14	29.70	4.57	5.37	32.30	34.11	36.53	32.30
BG40G10-../D..08.B.	9.04	11.97	6.14	30.88	4.57	5.37	33.48	35.29	37.69	33.48
BG40G10-../D..09.A.	9.86	12.54	6.93	32.28	4.94	6.18	35.94	36.52	40.04	35.94
BG40G10-../D..09.B.	12.15	12.54	6.93	34.56	4.94	6.18	38.23	38.78	42.32	38.23
Dimensions in inch										

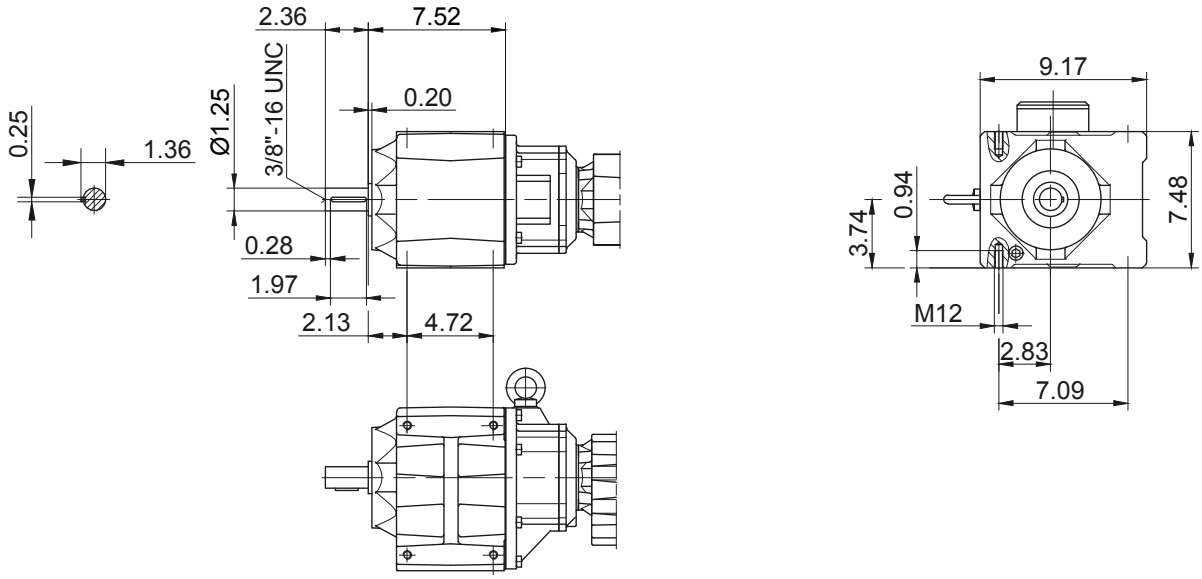
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG40G10

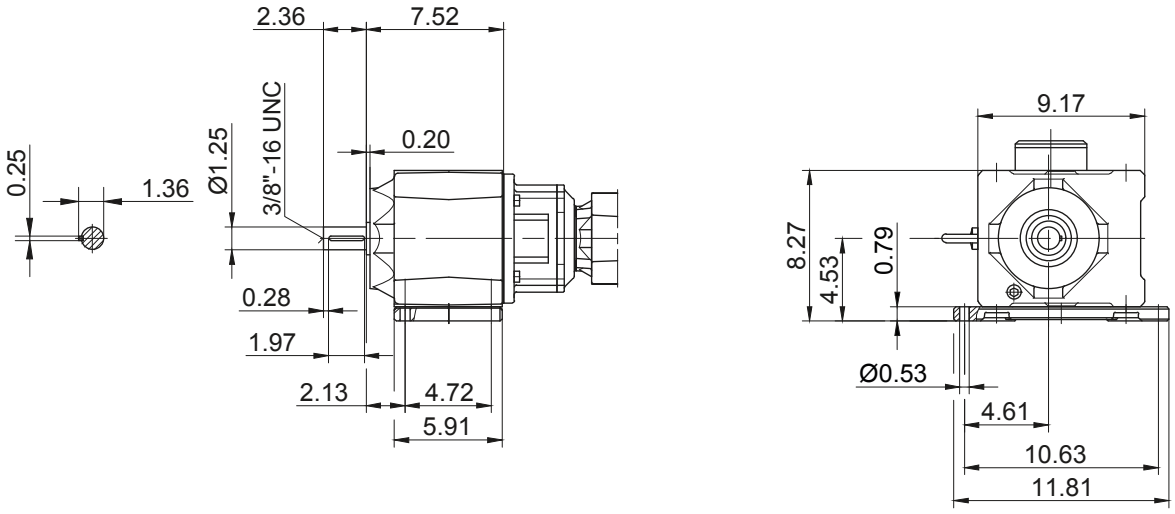
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



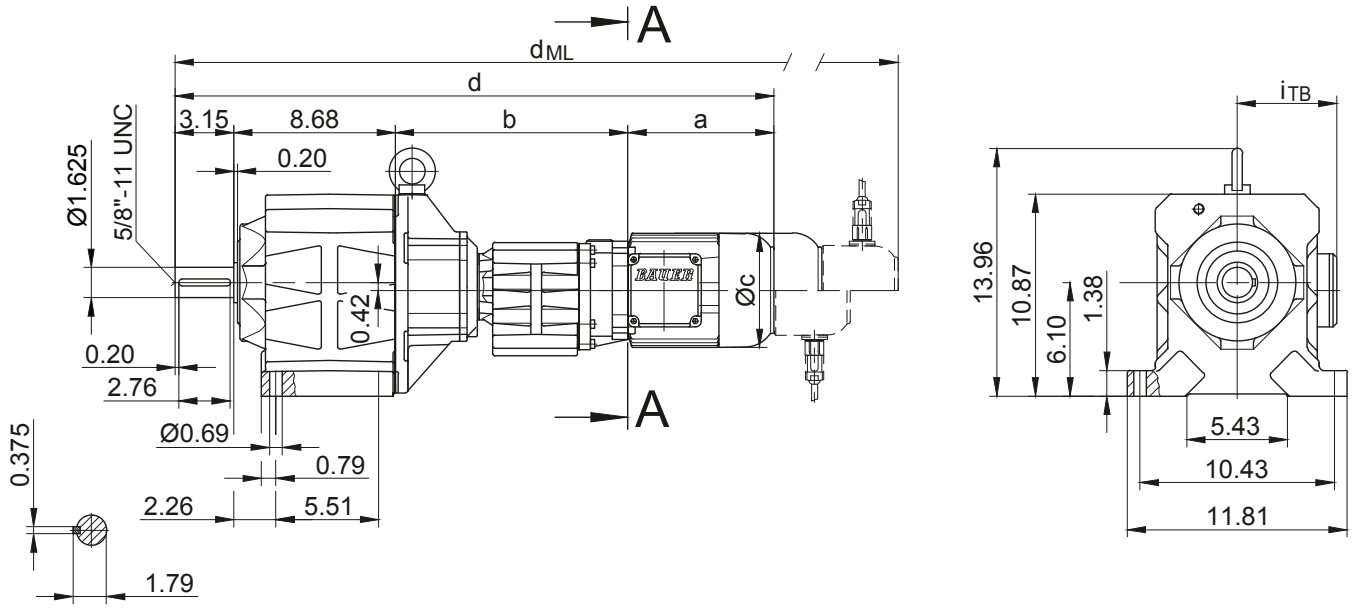
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

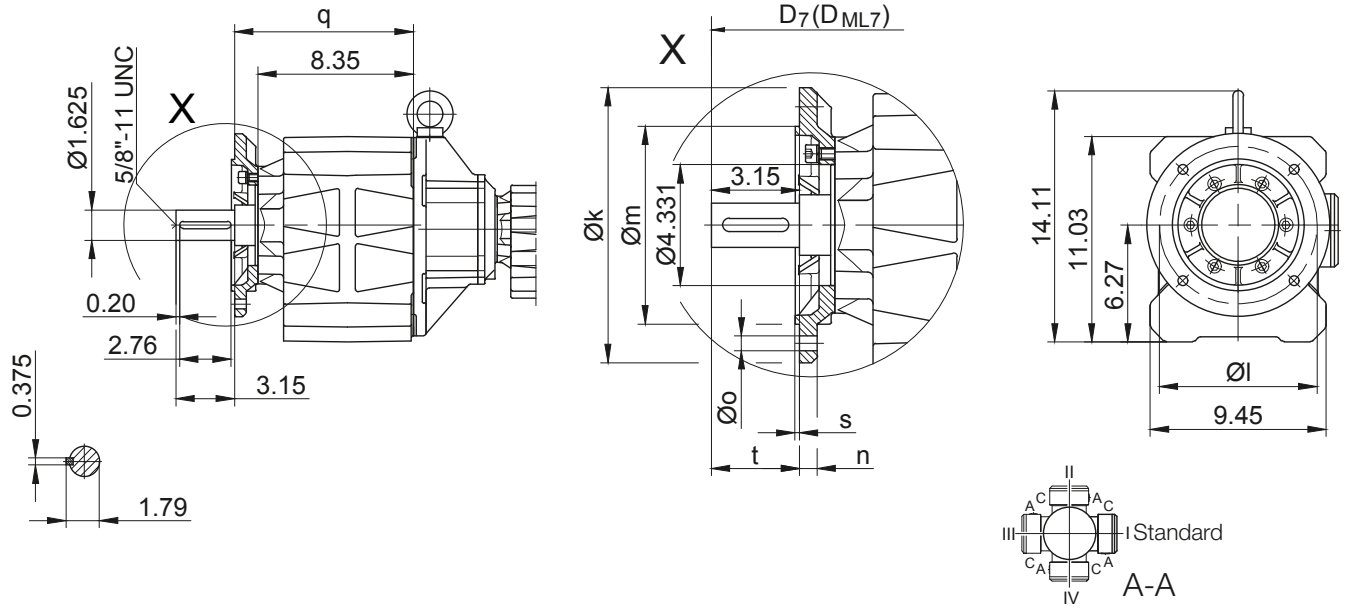
Dimension -Tandem Gearbox Imperial

BG50G10

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG50..	Code -37/	9.843	8.465	7.087	0.630	0.531	9.606	0.157	3.150	d+0.925	d_{ML}+0.925
BG50..	Code -27/	7.874	6.496	5.118	0.472	0.433	9.488	0.138	3.268	d+0.925	d_{ML}+0.925
Dimensions in inch											

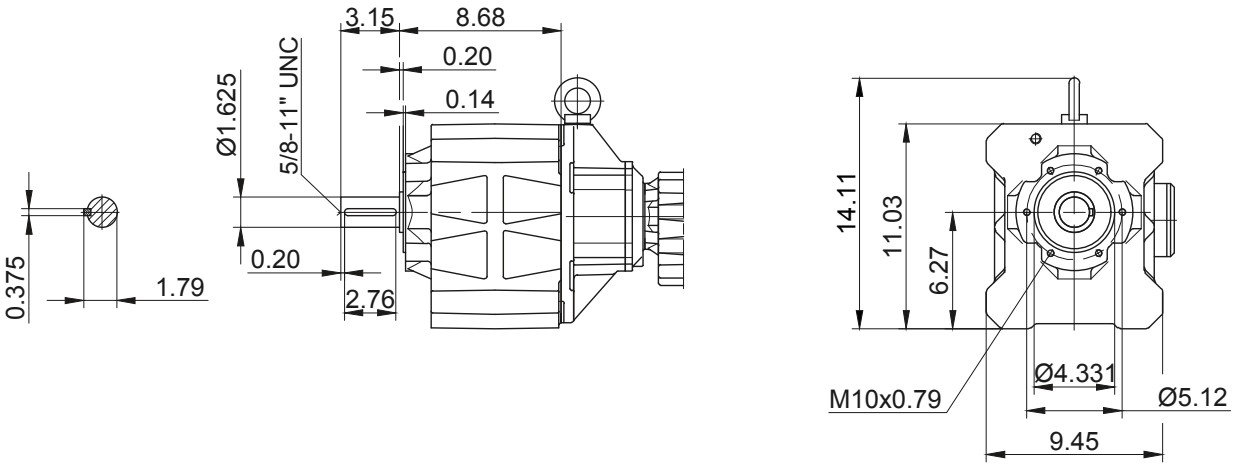
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG50G10-../D..05.A.	6.72	12.32	4.84	30.87	4,00	4.61	32.52	34.91	36.38	-
BG50G10-../D..06.A.	6.70	12.32	4.84	30.86	4,00	4.69	32.51	34.89	36.37	-
BG50G10-../D..07.A.	7.49	12.32	4.84	31.65	4,00	4.69	33.30	35.68	37.16	-
BG50G10-../D..08.A.	7.85	12.48	6.14	32.17	4.57	5.37	34.76	36.58	39.00	34.76
BG50G10-../D..08.B.	9.04	12.48	6.14	33.35	4.57	5.37	35.95	37.76	40.16	35.95
BG50G10-../D..09.A.	9.86	13.05	6.93	34.74	4.94	6.18	38.41	38.98	42.50	38.41
BG50G10-../D..09.B.	12.15	13.05	6.93	37.03	4.94	6.18	40.69	41.24	44.79	40.69
Dimensions in inch										

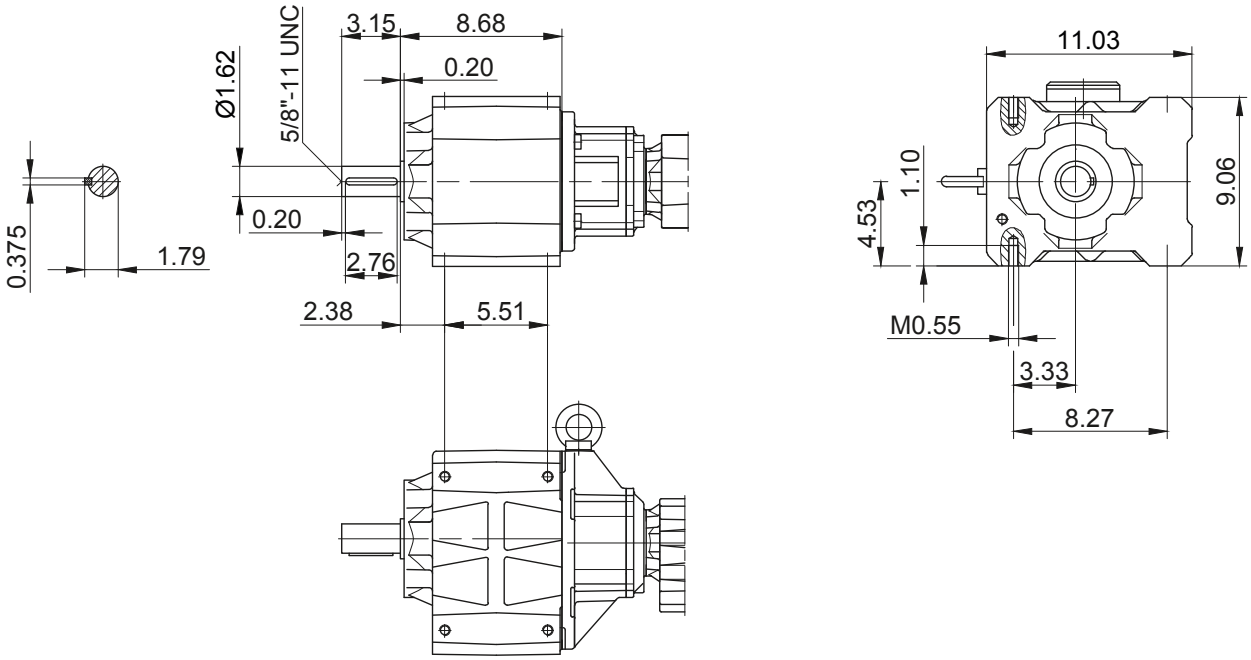
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG50G10

Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



10

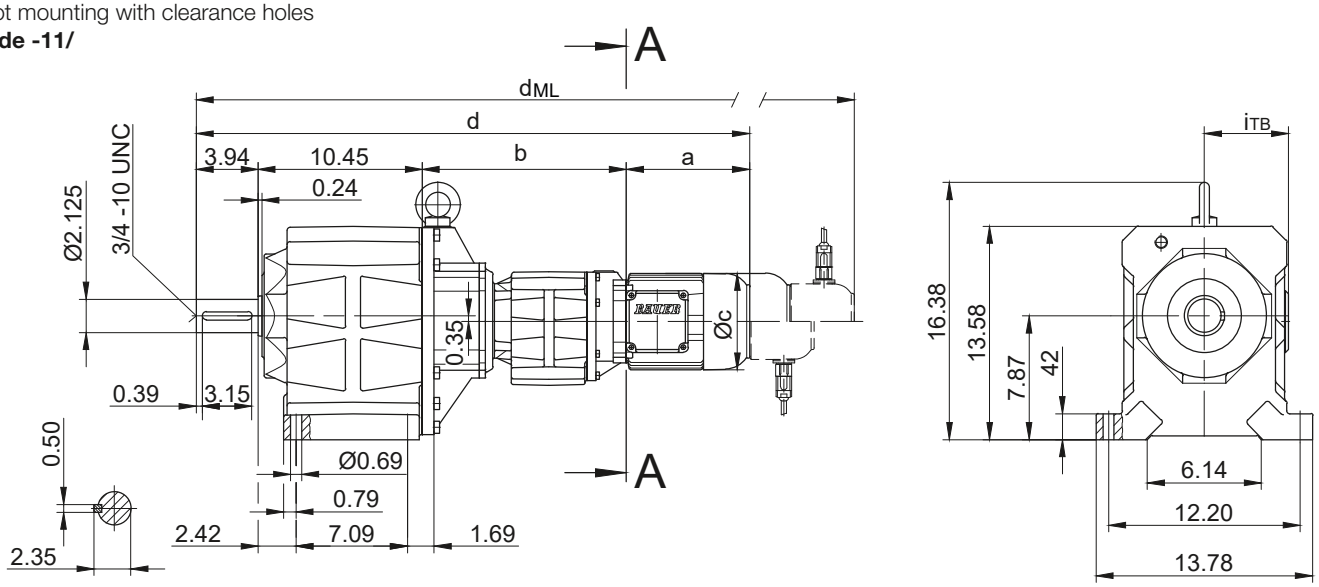
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

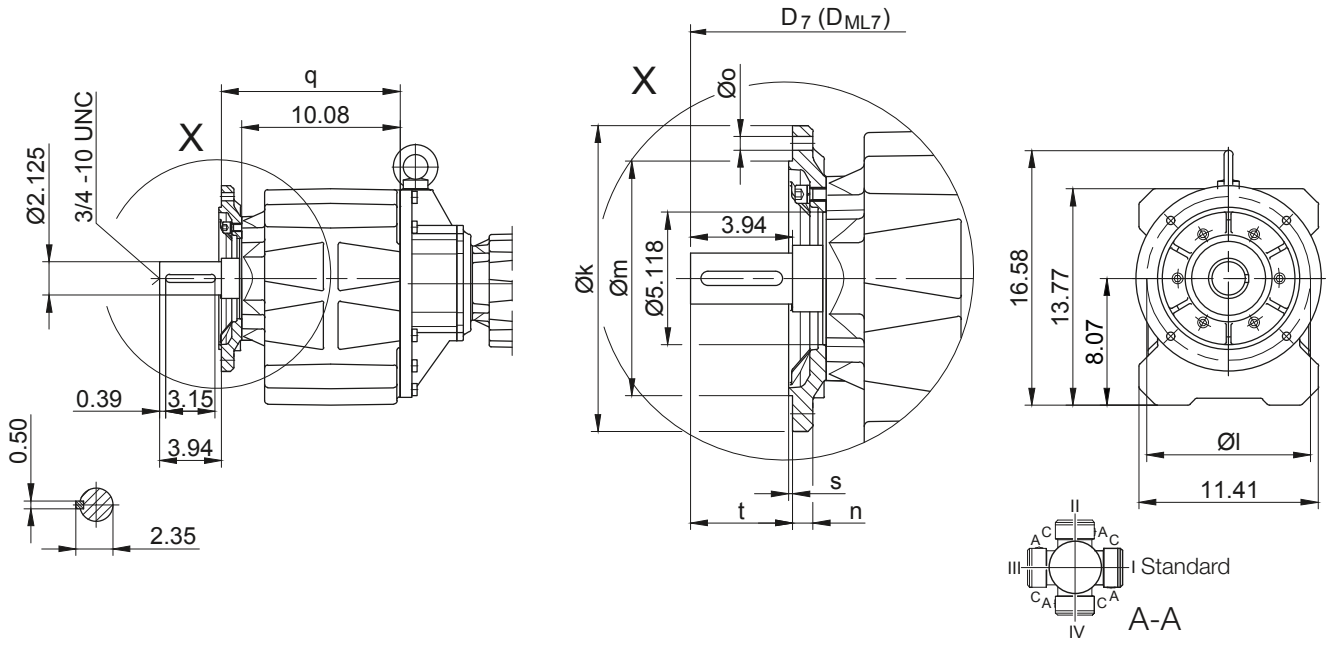
Dimension -Tandem Gearbox Imperial

BG60G20

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG60..	Code -37/	11.811	10.433	9.055	0.787	0.531	11.378	0.157	3.940	d+0.925	d_{ML}+0.925
BG60..	Code -27/	9.843	8.465	7.087	0.630	0.531	11.260	0.157	4.058	d+0.925	d_{ML}+0.925
Dimensions in inch											

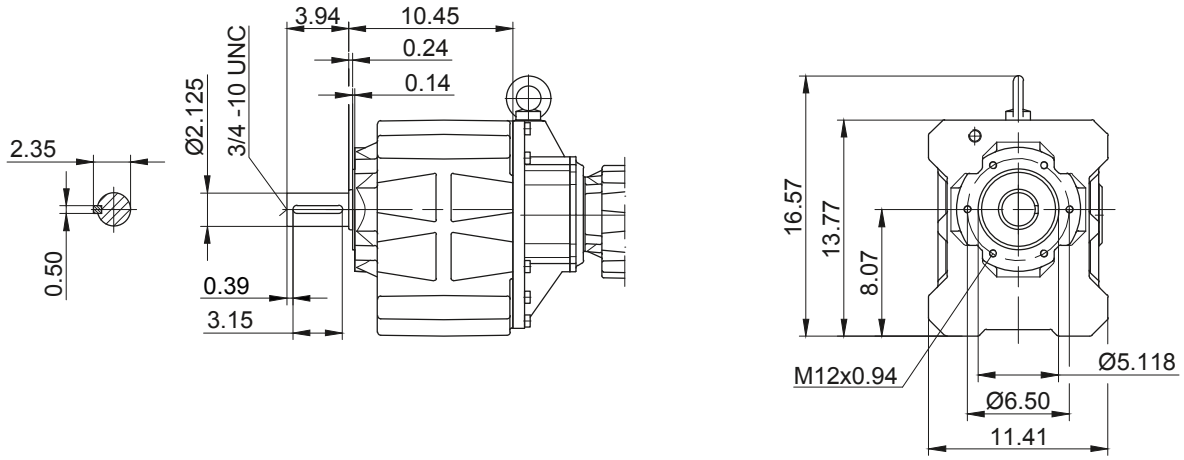
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG60G20-../D..05.A.	6.72	12.83	4.84	33.94	4,00	4.61	35.60	37.98	39.46	-
BG60G20-../D..06.A.	6.70	12.83	4.84	33.93	4,00	4.69	35.59	37.97	39.44	-
BG60G20-../D..07.A.	7.49	12.83	4.84	34.72	4,00	4.69	36.37	38.75	40.23	-
BG60G20-../D..08.A.	7.85	12.99	6.14	35.24	4.57	5.37	37.84	39.65	42.07	37.84
BG60G20-../D..08.B.	9.04	12.99	6.14	36.42	4.57	5.37	39.02	40.83	43.23	39.02
BG60G20-../D..09.A.	9.86	13.56	6.93	37.82	4.94	6.18	41.48	42.05	45.58	41.48
BG60G20-../D..09.B.	12.15	13.56	6.93	40.10	4.94	6.18	43.76	44.32	47.86	43.76
Dimensions in inch										

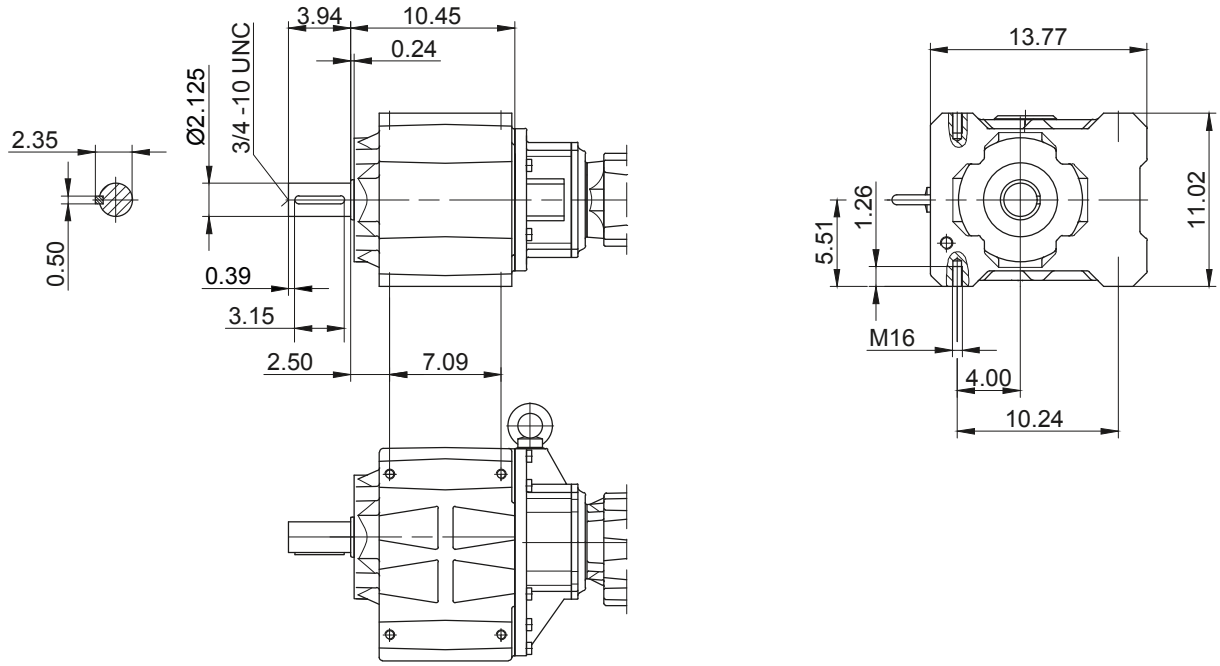
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG60G20

Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



10

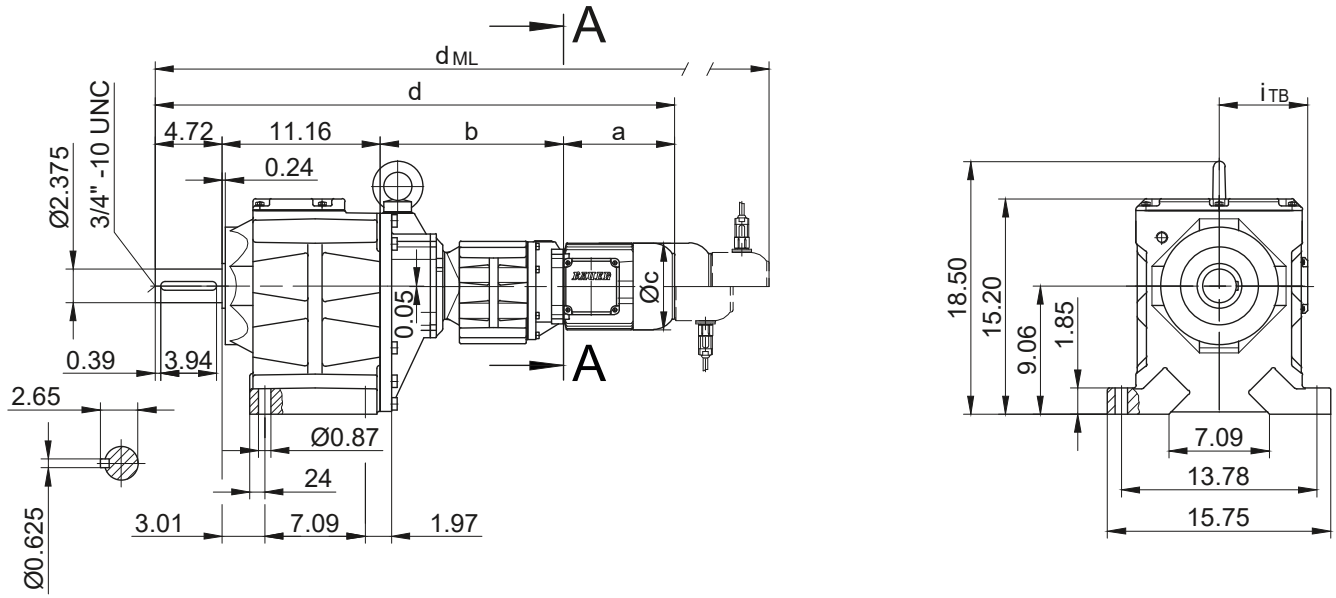
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

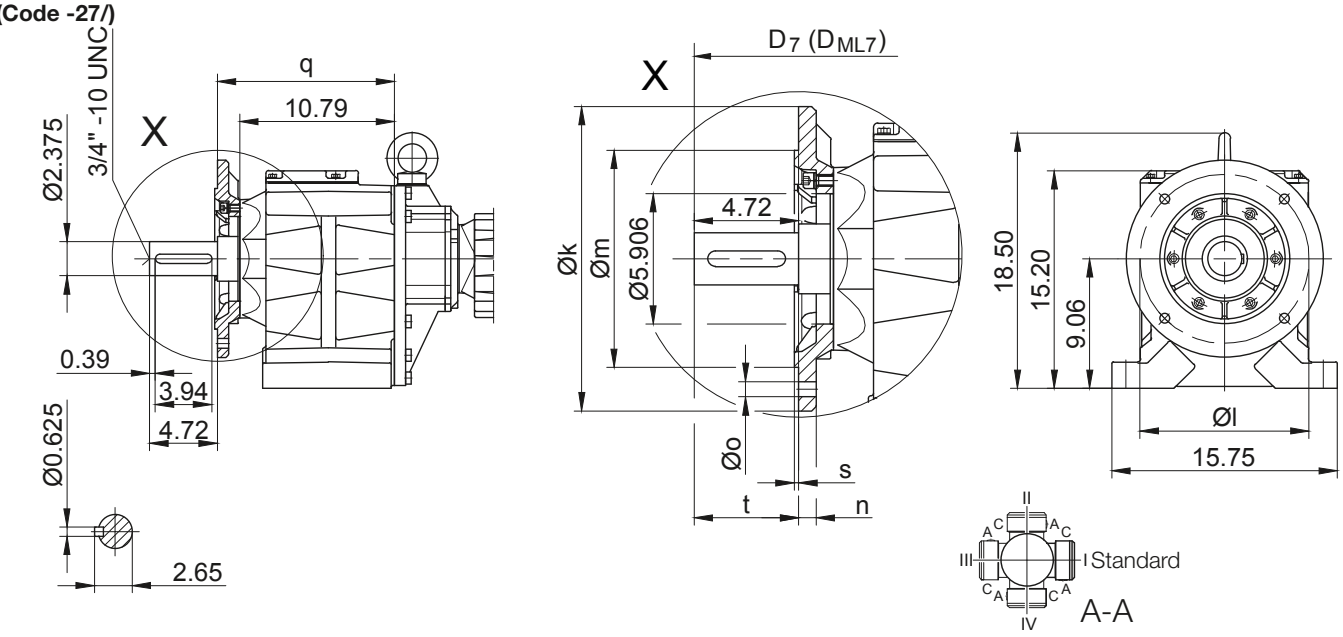
Dimension -Tandem Gearbox Imperial

BG70G20

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG70..	Code -37/	13.780	11.811	9.843	0.787	0.689	12.362	0.197	4.720	d+1.201	d_{ML}+1.201
BG70..	Code -27/	11.811	10.433	9.055	0.787	0.531	12.677	0.157	4.405	d+1.201	d_{ML}+1.201
Dimensions in inch											

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

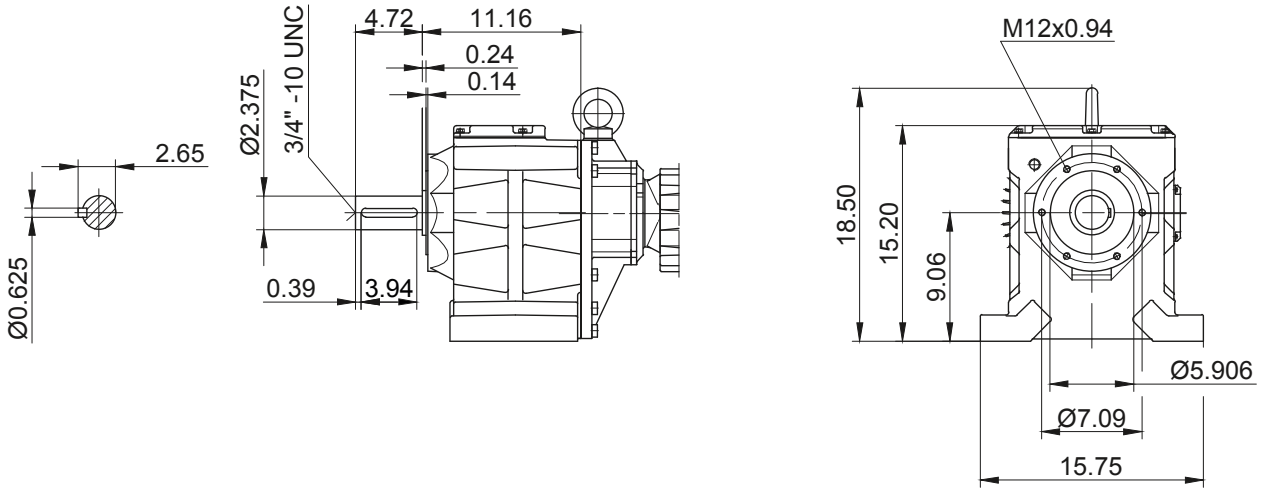
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG70G20-../D..05.A.	6.72	12.76	4.84	35.35	4,00	4.61	37.01	39.39	40.87	-
BG70G20-../D..06.A.	6.70	12.76	4.84	35.34	4,00	4.69	37.00	39.38	40.85	-
BG70G20-../D..07.A.	7.49	12.76	4.84	36.13	4,00	4.69	37.78	40.16	41.64	-
BG70G20-../D..08.A.	7.85	12.91	6.14	36.65	4.57	5.37	39.25	41.06	43.48	39.25
BG70G20-../D..08.B.	9.04	12.91	6.14	37.83	4.57	5.37	40.43	42.24	44.64	40.43
BG70G20-../D..09.A.	9.86	13.48	6.93	39.23	4.94	6.18	42.89	43.46	46.99	42.89
BG70G20-../D..09.B.	12.15	13.48	6.93	41.51	4.94	6.18	45.17	45.73	49.27	45.17
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG70G20

Flange with tapped holes

Code -71/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

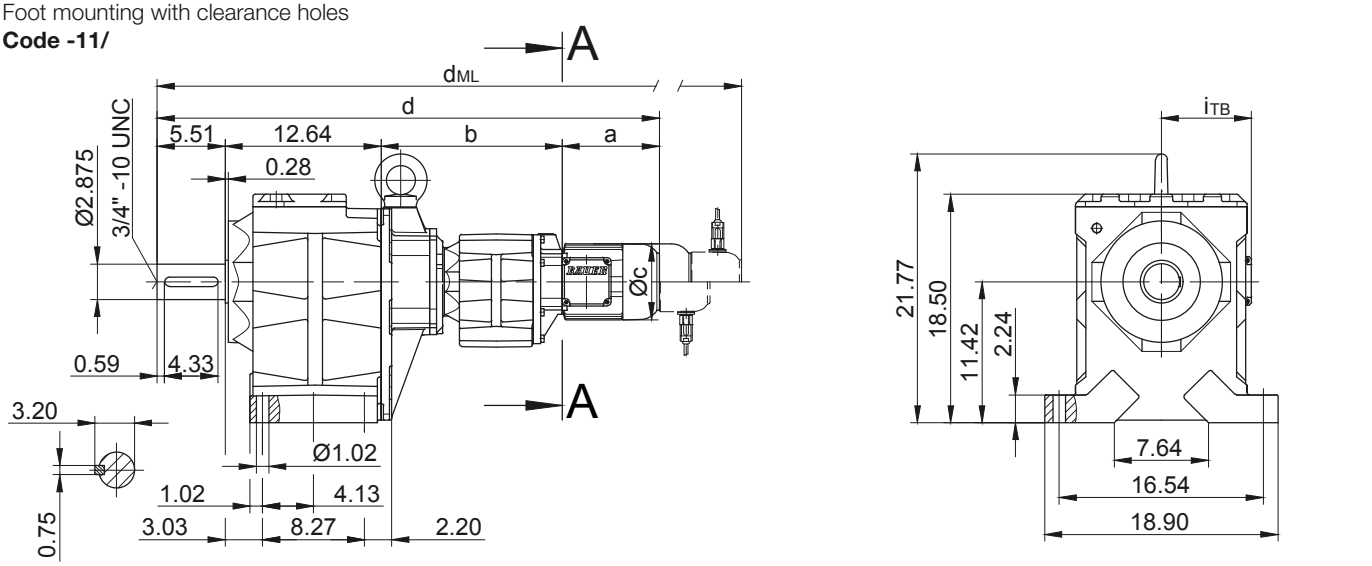
BG-series helical-geared motors

Dimension -Tandem Gearbox Imperial

BG80G40

Foot mounting with clearance holes

Code -11/

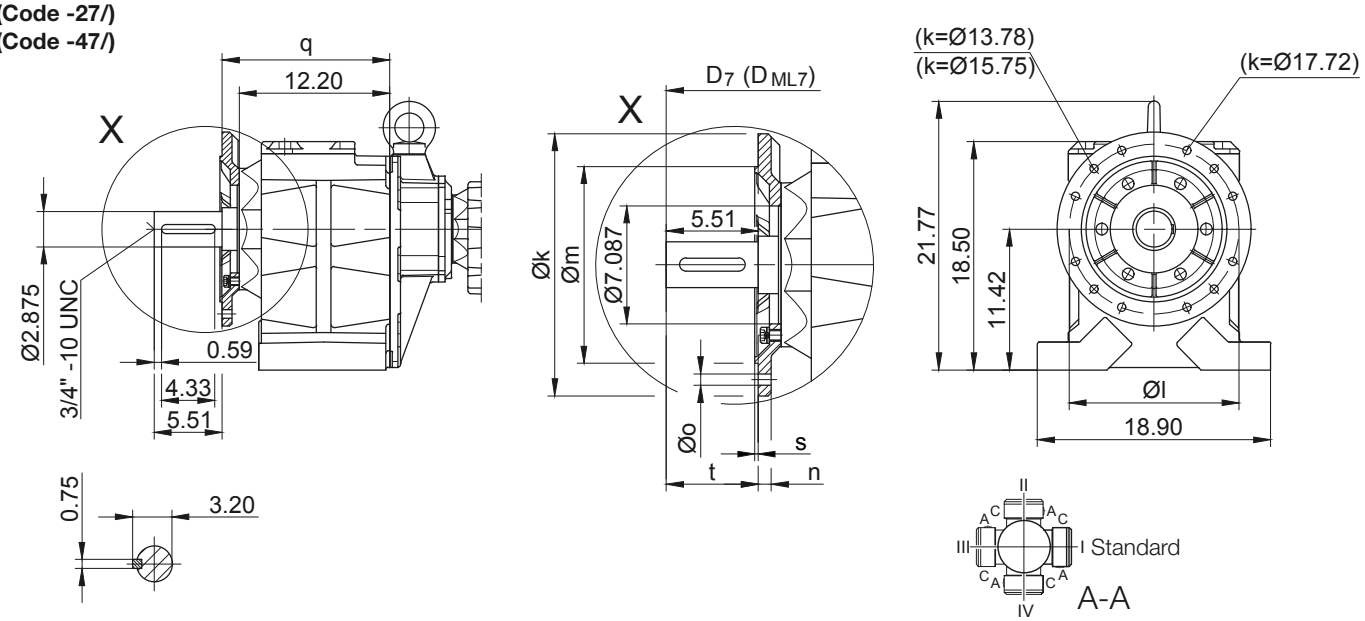


Flange with clearance holes

Code -37/

(Code -27/)

(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG80..	Code -37/	15.748	13.780	11.811	0.787	4 x 0.689	13.583	0.197	5.510	d+0.945	d_{ML}+0.945
BG80..	Code -27/	13.780	11.811	9.843	0.787	4 x 0.689	13.583	0.197	5.510	d+0.945	d_{ML}+0.945
BG80..	Code -47/	17.717	15.748	13.780	0.866	8 x 0.689	13.976	0.197	5.116	d+0.945	d_{ML}+0.945
Dimensions in inch											

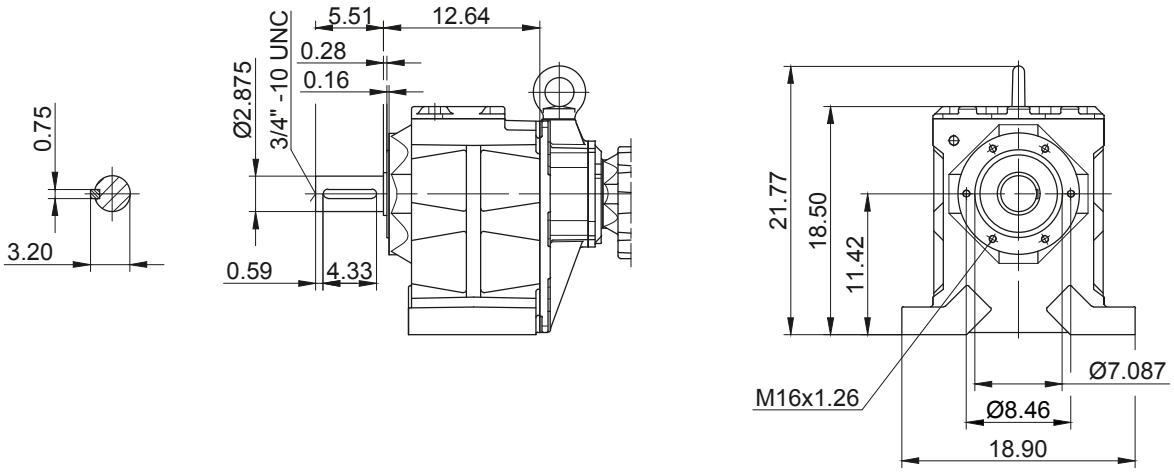
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG80G40-../D..08.A.	7.85	14.69	6.14	40.69	4.57	5.37	43.29	45.10	47.52	43.29
BG80G40-../D..08.B.	9.04	14.69	6.14	41.87	4.57	5.37	44.47	46.28	48.68	44.47
BG80G40-../D..09.A.	9.86	15.26	6.93	43.27	4.94	6.18	46.93	47.50	51.03	46.93
BG80G40-../D..09.B.	12.15	15.26	6.93	45.55	4.94	6.18	49.21	49.77	53.31	49.21
BG80G40-../D..11.A.	12.56	15.51	8.58	46.22	6.50	6.93	50.08	50.45	54.10	50.08
BG80G40-../D..11.B.	15.24	15.51	8.58	48.90	6.50	6.93	52.68	53.13	56.77	52.68
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG80G40

Flange with tapped holes
Code -71/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

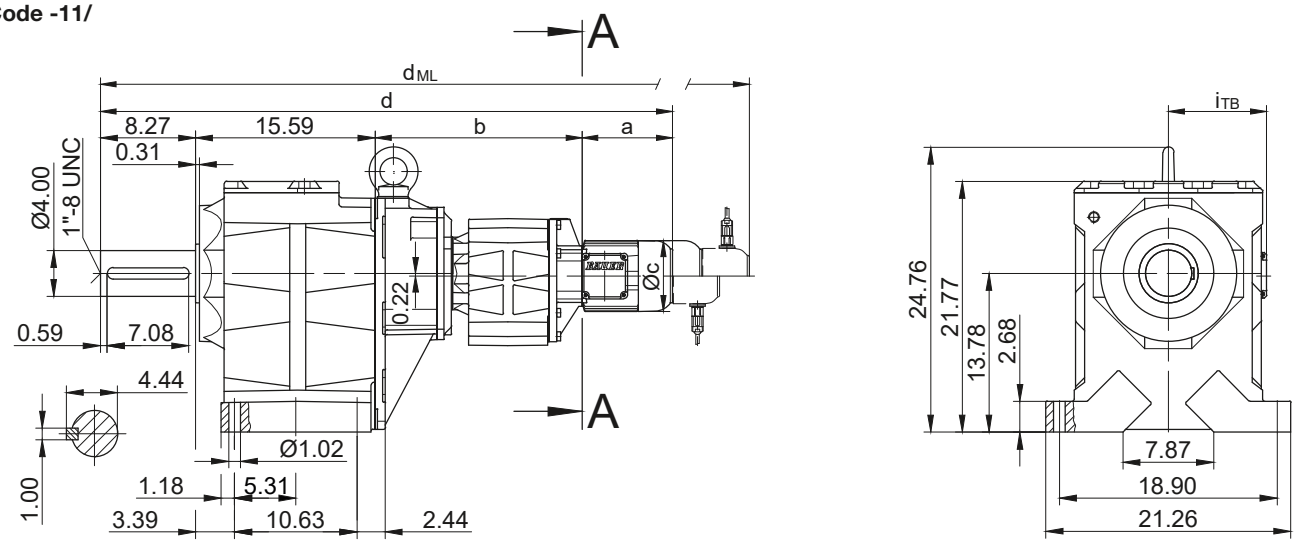
BG-series helical-geared motors

Dimension -Tandem Gearbox Imperial

BG90G50

Foot mounting with clearance holes

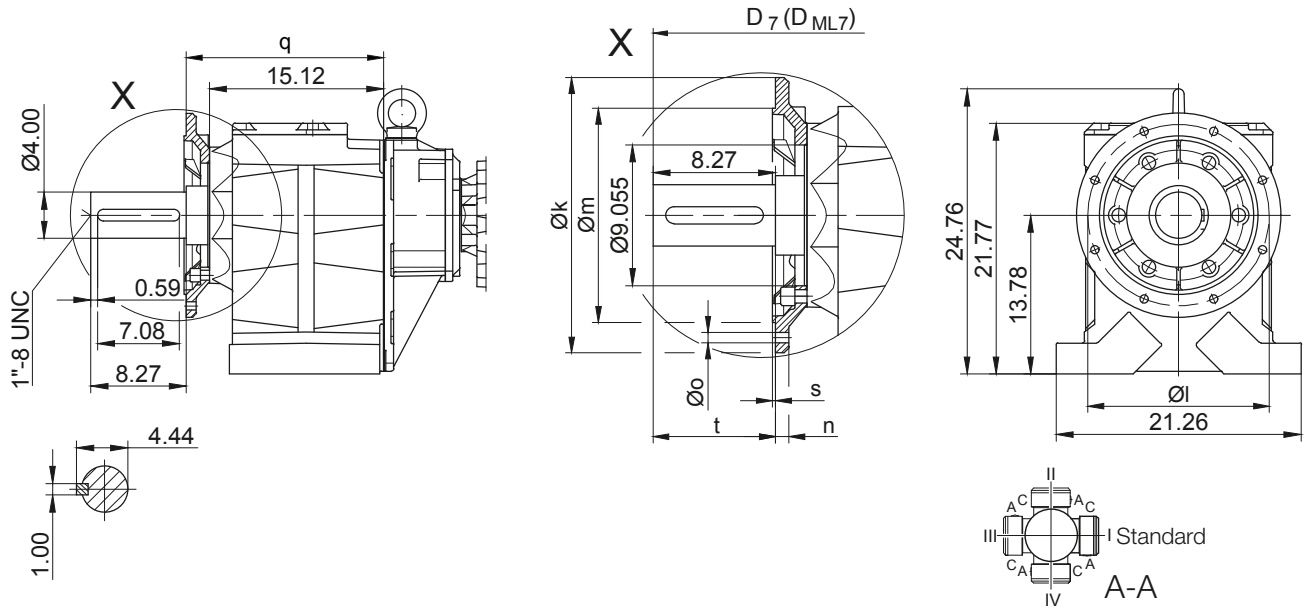
Code -11/



Flange with clearance holes

Code -37/

(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG90..	Code -37/	17.717	15.748	13.780	0.866	0.689	17.283	0.197	8.270	d+1.693	d_{ML}+1.693
BG90..	Code -47/	21.654	19.685	17.717	0.866	0.689	17.480	0.197	8.073	d+1.693	d_{ML}+1.693
Dimensions in inch											

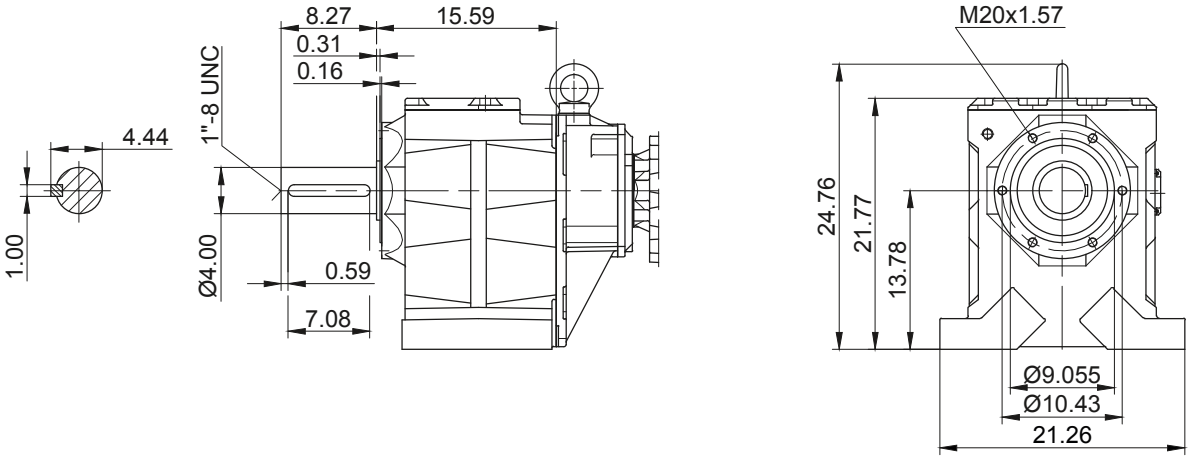
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG90G50-../D..08.A.	7.85	17.95	6.14	49.67	4.57	5.37	52.27	54.08	56.50	52.27
BG90G50-../D..08.B.	9.04	17.95	6.14	50.85	4.57	5.37	53.45	55.26	57.66	53.45
BG90G50-../D..09.A.	9.86	18.52	6.93	52.25	4.94	6.18	55.91	56.48	60.01	55.91
BG90G50-../D..09.B.	12.15	18.52	6.93	54.53	4.94	6.18	58.19	58.75	62.29	58.19
BG90G50-../D..11.A.	12.56	18.78	8.58	55.20	6.50	6.93	59.06	59.44	63.08	59.06
BG90G50-../D..11.B.	15.24	18.78	8.58	57.88	6.50	6.93	61.66	62.11	65.75	61.66
BG90G50-../D..13.A.	15.47	19.29	10.16	58.62	8.54	8.54	62.99	62.84	66.97	62.88
BG90G50-../D..16.B.	17.89	19.84	12.20	61.60	9.57	9.57	67.25	65.81	71.33	67.25
BG90G50-../D..18.B.	21.34	20.71	13.70	65.91	11.34	11.34	71.79	70.07	75.87	71.79
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG90G50

Flange with tapped holes
Code -71/



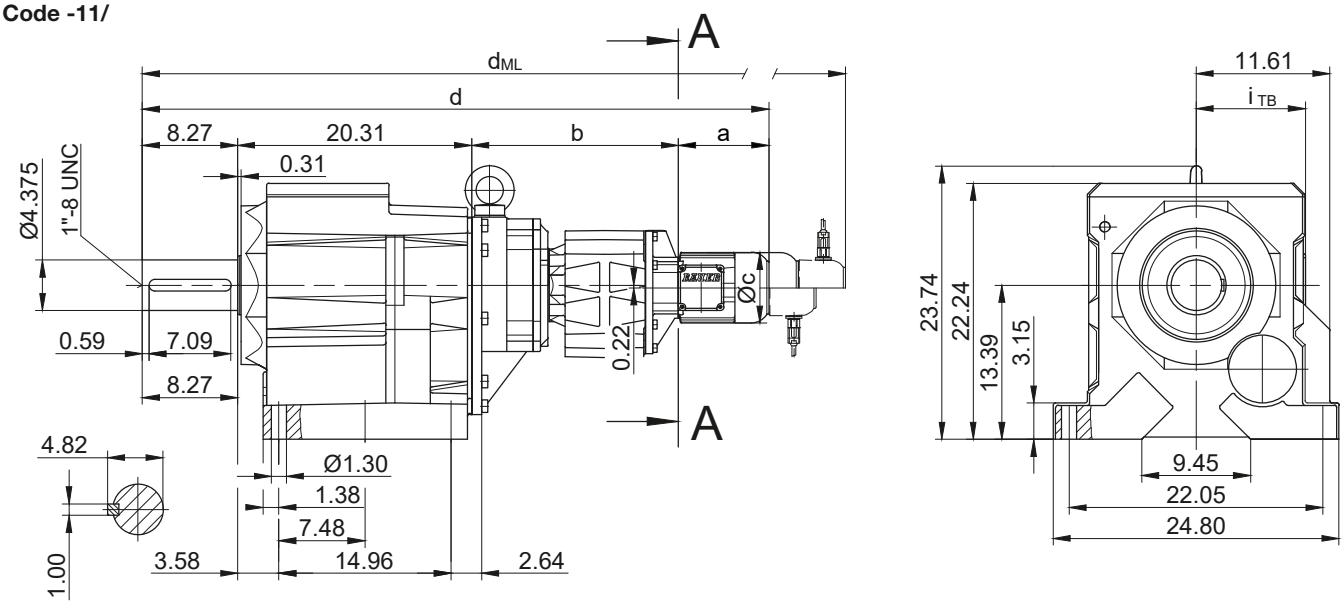
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

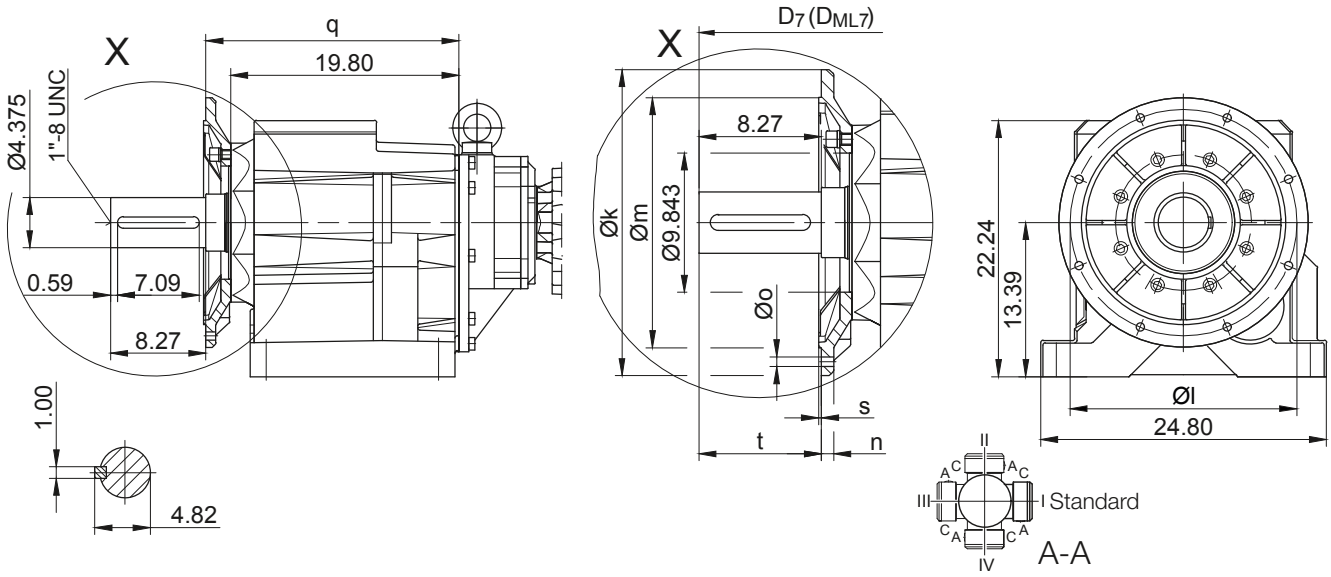
Dimension -Tandem Gearbox Imperial

BG100G50

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -47/)



Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG100..	Code -37/	21.654	19.685	17.717	0.866	0.689	21.969	0.197	8.270	d+1.653	d_{ML}+1.653
BG100..	Code -47/	25.984	23.622	21.654	0.984	0.866	21.732	0.236	8.506	d+1.653	d_{ML}+1.653
Dimensions in inch											

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

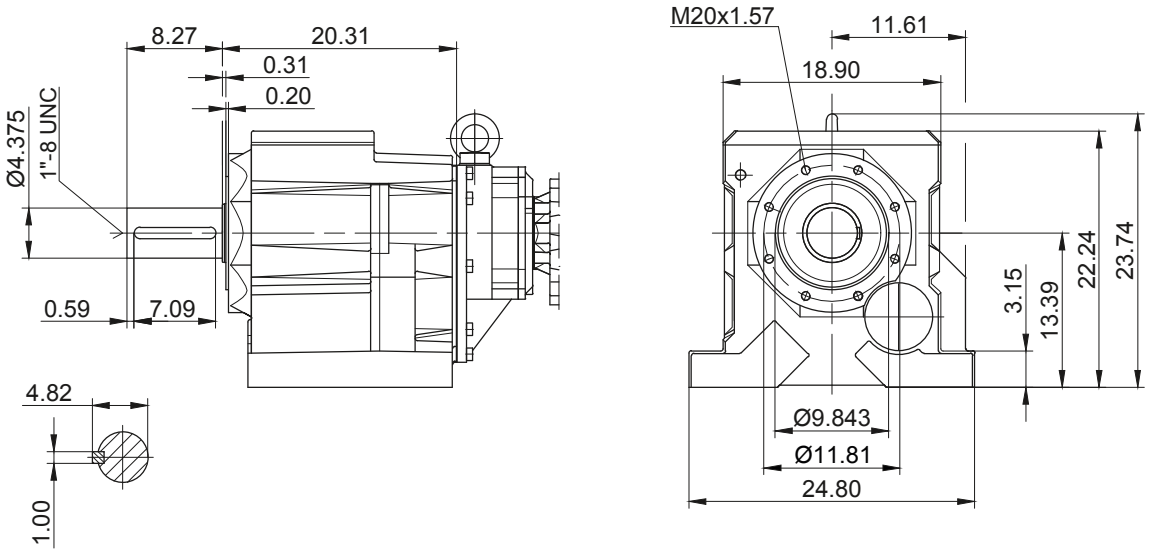
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG100G50-../D..08.A.	7.85	17.95	6.14	54.39	4.57	5.37	56.99	58.80	61.22	56.99
BG100G50-../D..08.B.	9.04	17.95	6.14	55.57	4.57	5.37	58.17	59.98	62.38	58.17
BG100G50-../D..09.A.	9.86	18.52	6.93	56.97	4.94	6.18	60.63	61.21	64.73	60.63
BG100G50-../D..09.B.	12.15	18.52	6.93	59.25	4.94	6.18	62.92	63.47	67.01	62.92
BG100G50-../D..11.A.	12.56	18.78	8.58	59.92	6.50	6.93	63.78	64.16	67.80	63.78
BG100G50-../D..11.B.	15.24	18.78	8.58	62.60	6.50	6.93	66.38	66.84	70.48	66.38
BG100G50-../D..13.A.	15.47	19.29	10.16	63.35	8.54	8.54	67.72	67.57	71.70	67.60
BG100G50-../D..16.B.	17.89	19.84	12.20	66.32	9.57	9.57	71.97	70.54	76.05	71.97
BG100G50-../D..18.B.	21.34	20.71	13.70	70.63	11.34	11.34	76.52	74.79	80.60	76.52
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG100G50

Flange with tapped holes

Code -71/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

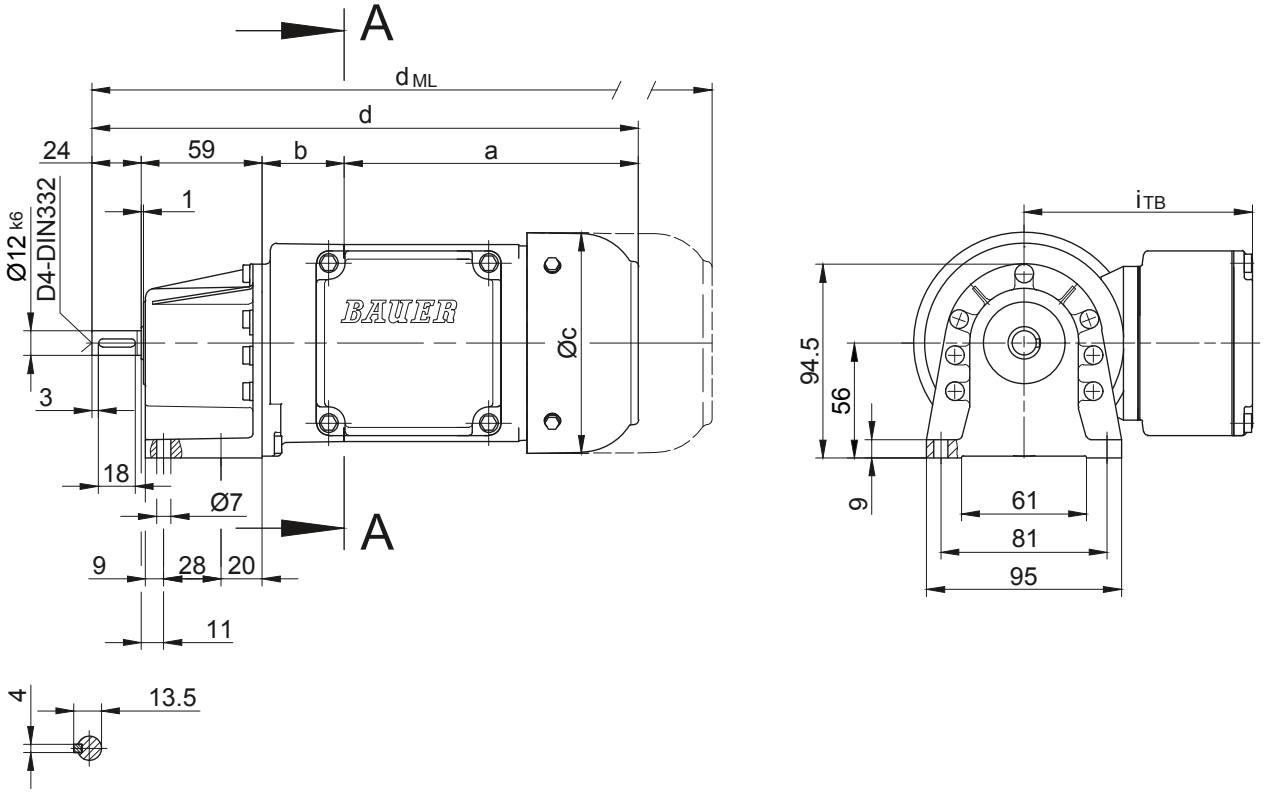
BG-series helical-geared motors

Dimension - Standard Metric

BG04

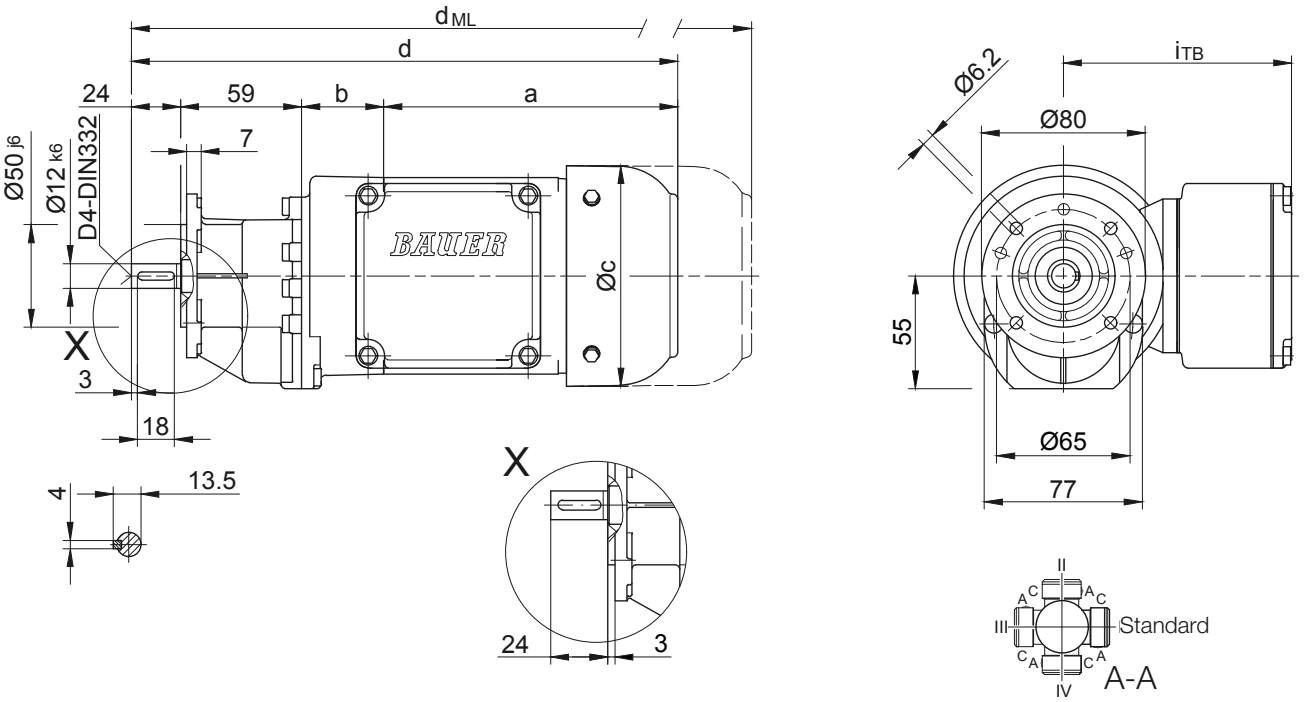
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



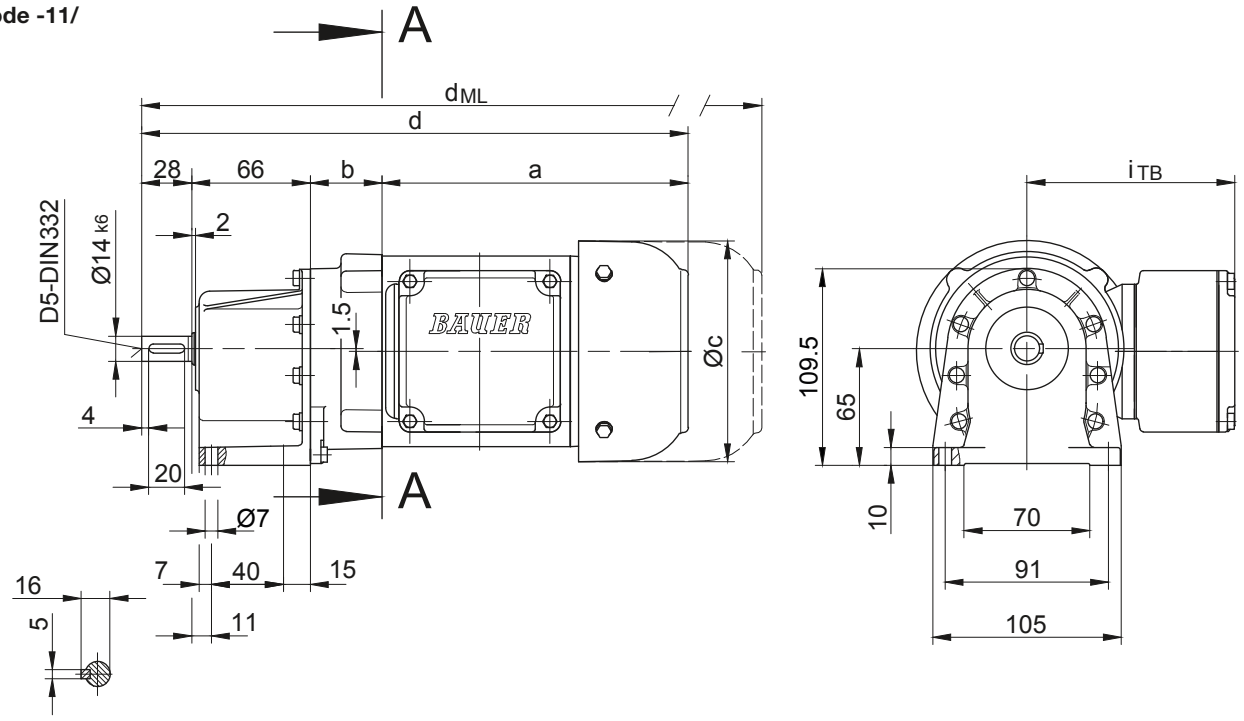
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG04-../D04.A.	142.5	40	110.5	265.5	90	112	309	353	396.5	-
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG05

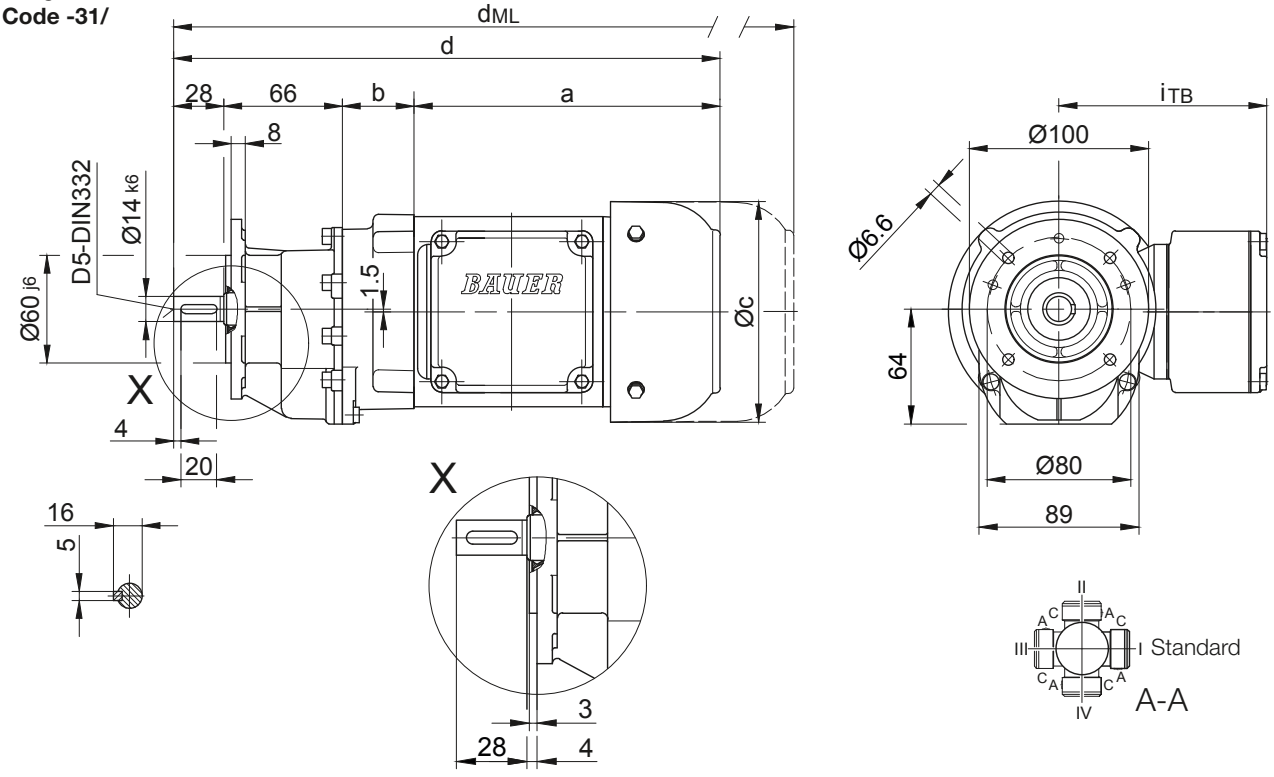
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



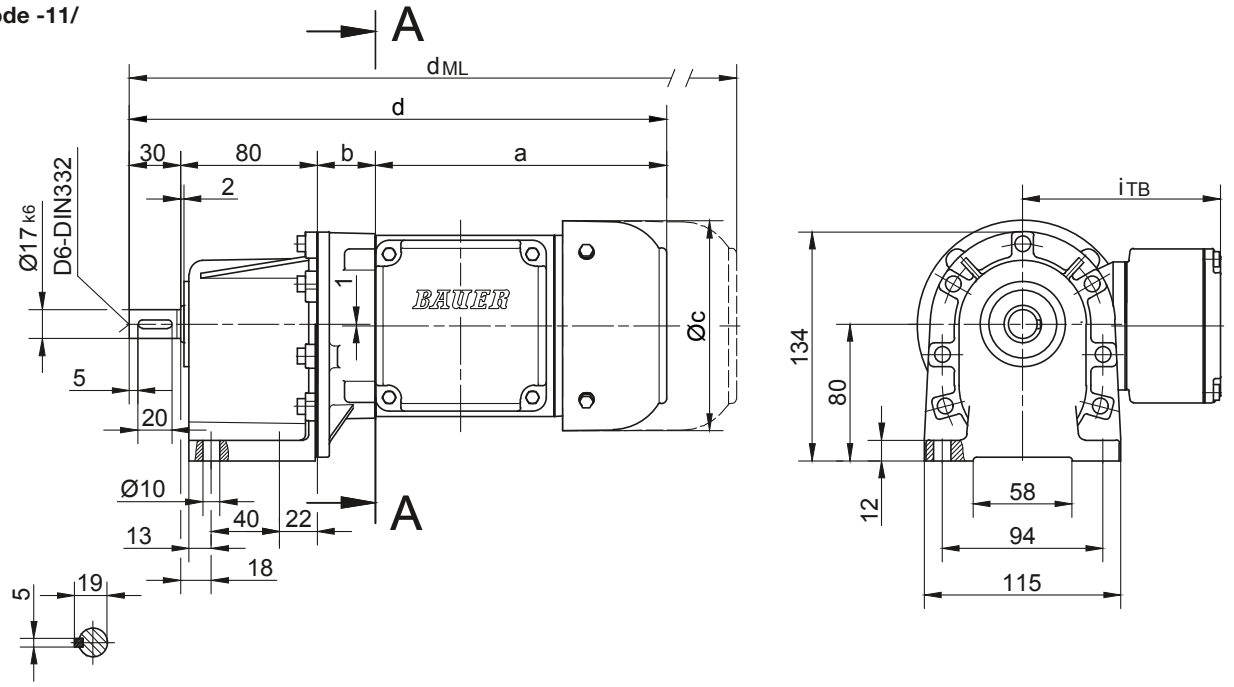
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG05-../D04.A.	142.5	38	110.5	274.5	90	112	318	362	405.5	-
BG05-../D..05.A.	170.5	40	123	304.5	101,5	117	346.5	407	444.5	-
BG05-../D..06.A.	170.5	40	123	304.5	101,5	119	346.5	407	444.5	-
BG05-../D..07.A.	190.5	40	123	324.5	101,5	119	366.5	427	464.5	-
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG06

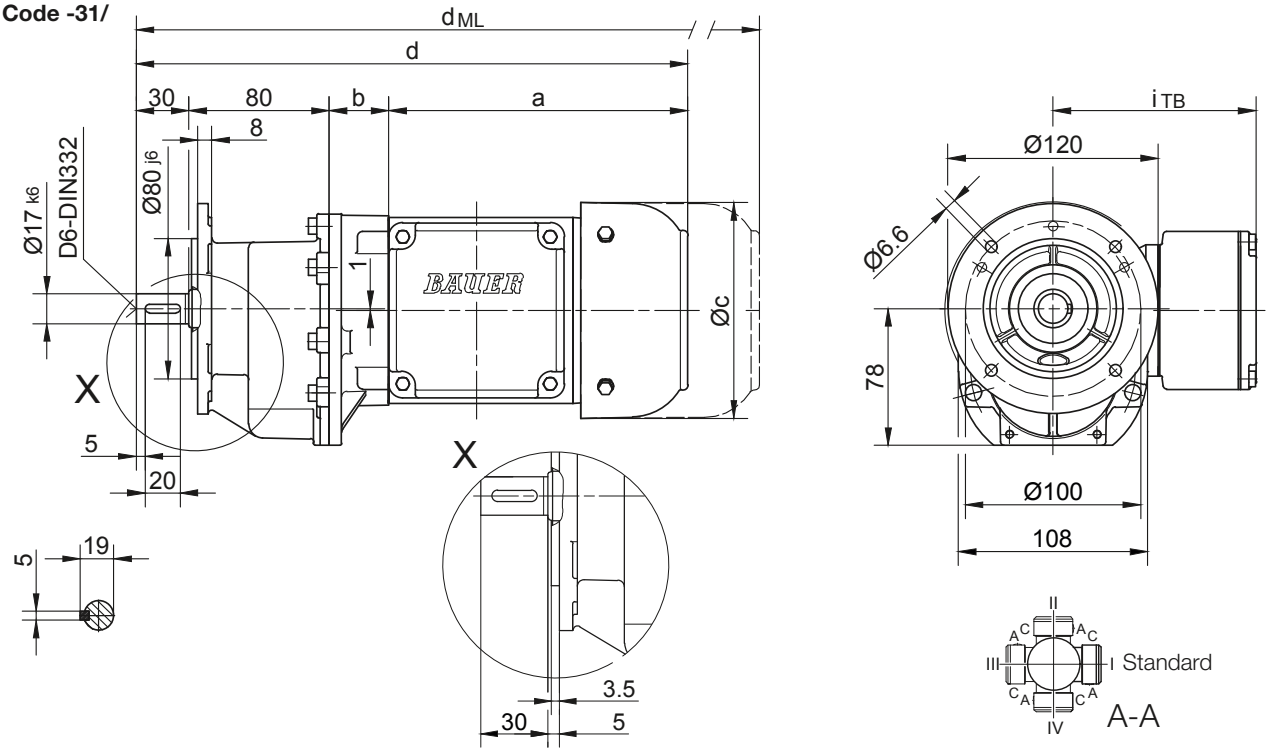
Foot mounting

Code -11/



Flange with clearance holes

Code -31/



Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG06-../D04.A.	142.5	32	110.5	284.5	90	112	328	372	415.5	-
BG06-../D..05.A.	170.5	34	123	314.5	101,5	117	356.5	417	454.5	-
BG06-../D..06.A.	170.5	34	123	314.5	101,5	119	356.5	417	454.5	-
BG06-../D..07.A.	190.5	34	123	334.5	101,5	119	376.5	437	474.5	-
BG06-../D..08.A.	199.5	78	156	387.5	116	136.5	453.5	499.5	561	453.5
BG06-../D..08.B.	229.5	78	156	417.5	116	136.5	483.5	529.5	590.5	483.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

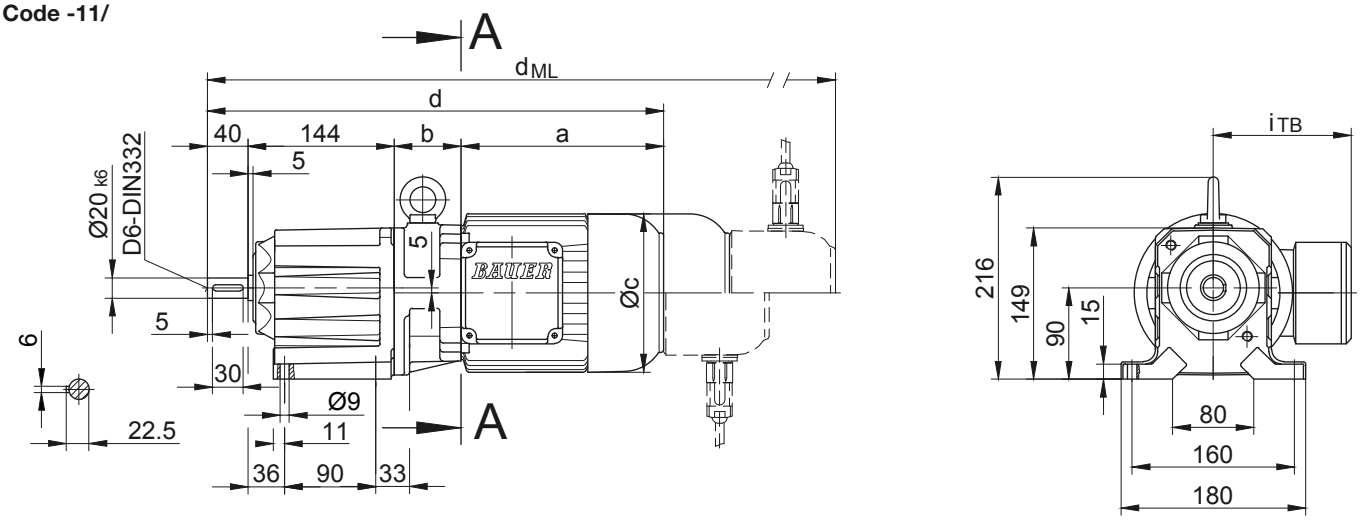
BG-series helical-geared motors

Dimension - Standard Metric

BG10 - BG10Z

Foot mounting with clearance holes

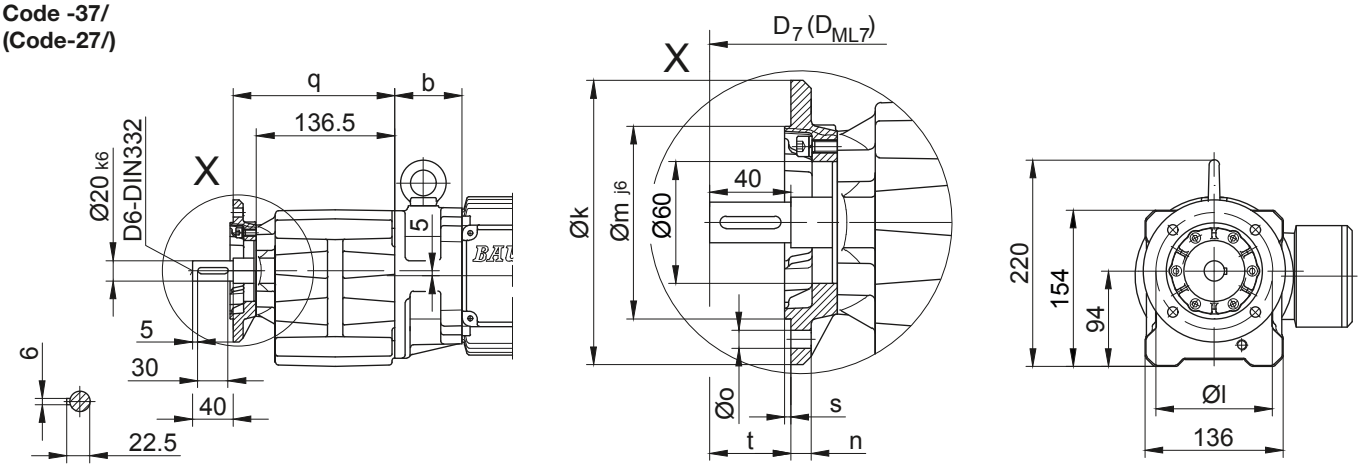
Code -11/

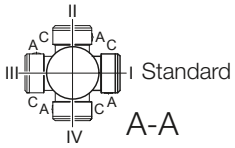


Flange with clearance holes

Code -37/

(Code-27/)





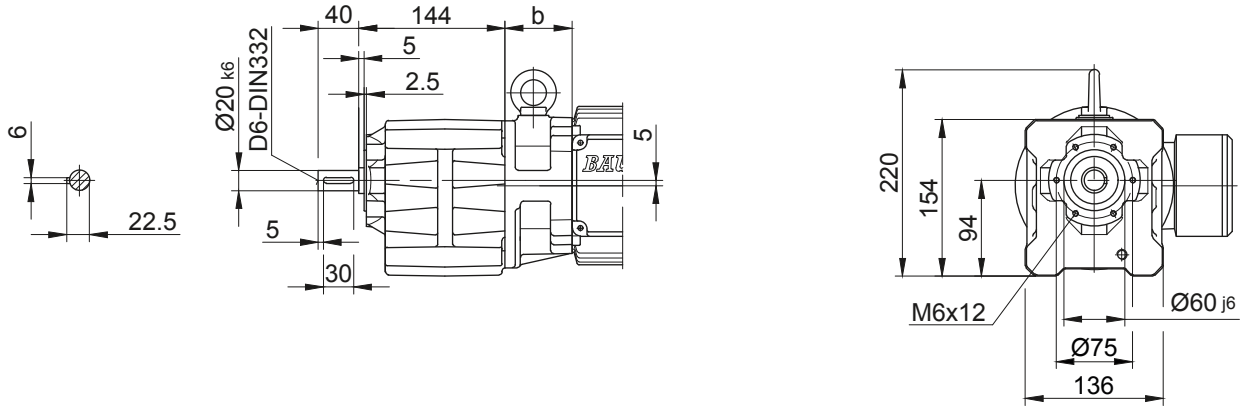
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10..	Code -37V/	140	115	95	10	9	159.5	3	40	d+15.5	d_{ML}+15.5
BG10..	Code -27V/	120	100	80	8	6.6	154.5	3	45	d+15.5	d_{ML}+15.5
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10Z-../D04.A.	142.5	86	110.5	412.5	90	112	456	500	543.5	-
BG10-../D..05.A.	170.5	62	123	416.5	101,5	117	458.5	519	556.5	-
BG10Z-../D..05.A.	170.5	88	123	442.5	101,5	117	484.5	545	582.5	-
BG10-../D..06.A.	170.5	62	123	416.5	101,5	119	458.5	519	556.5	-
BG10Z-../D..06.A.	170.5	88	123	442.5	101,5	119	484.5	545	582.5	-
BG10-../D..07.A.	190.5	62	123	436.5	101,5	119	478.5	539	576.5	-
BG10Z-../D..07.A.	190.5	88	123	462.5	101,5	119	504.5	565	602.5	-
BG10-../D..08.A.	199.5	66	156	449.5	116	136.5	515.5	561.5	623	515.5
BG10Z-../D..08.A.	199.5	132	156	515.5	116	136.5	581.5	627.5	689	581.5
BG10-../D..08.B.	229.5	66	156	479.5	116	136.5	545.5	591.5	652.5	545.5
BG10Z-../D..08.B.	229.5	132	156	545.5	116	136.5	611.5	657.5	718.5	611.5
BG10-../D..09.A.	250.5	80.5	176	515	125,5	157	608	622.5	712	608
BG10-../D..09.B.	308.5	80.5	176	573	125,5	157	666	680	770	666
Dimensions in millimetres (mm)										

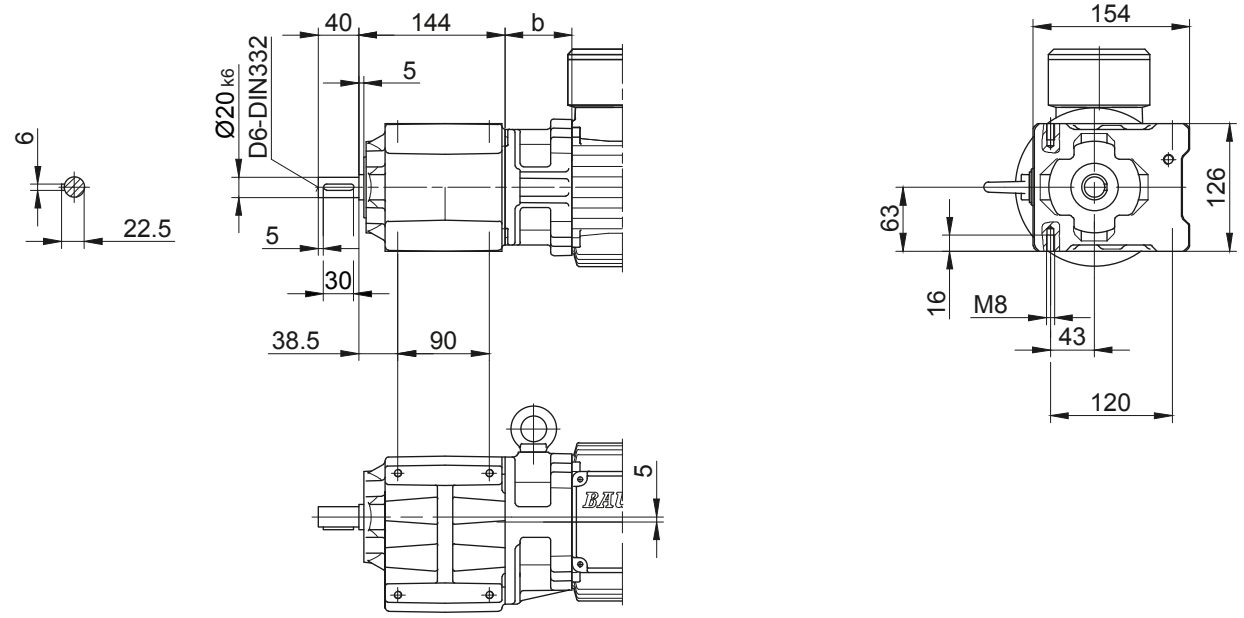
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10 - BG10Z

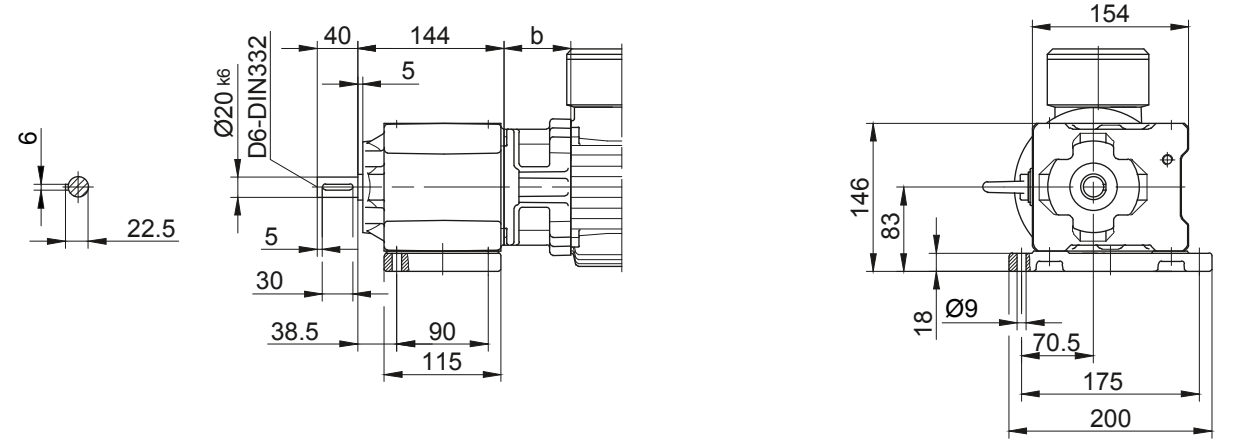
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



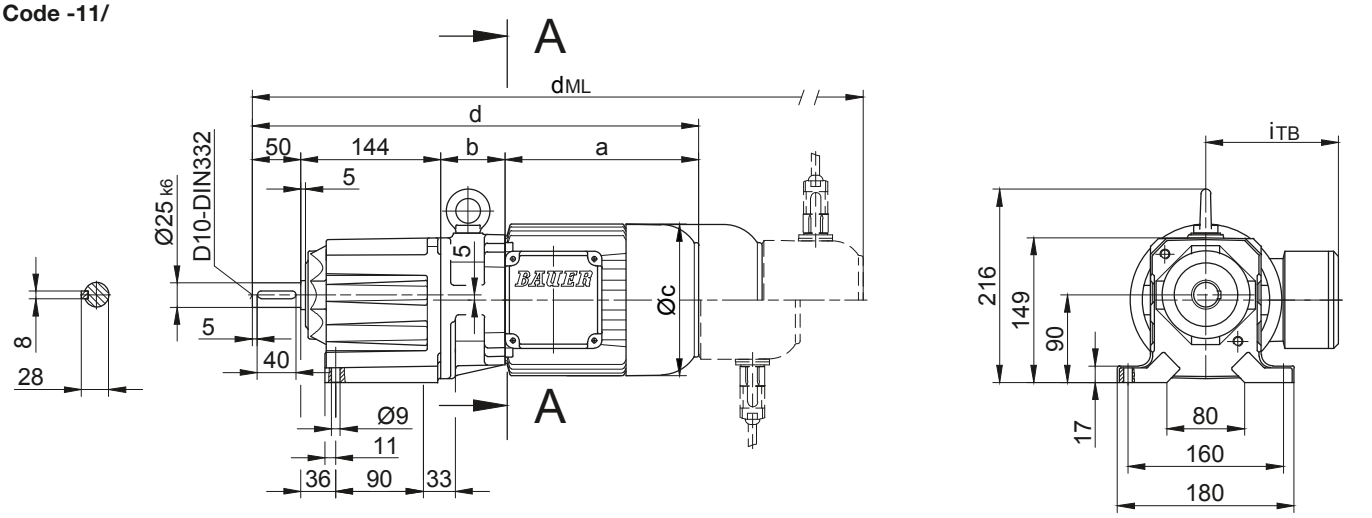
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

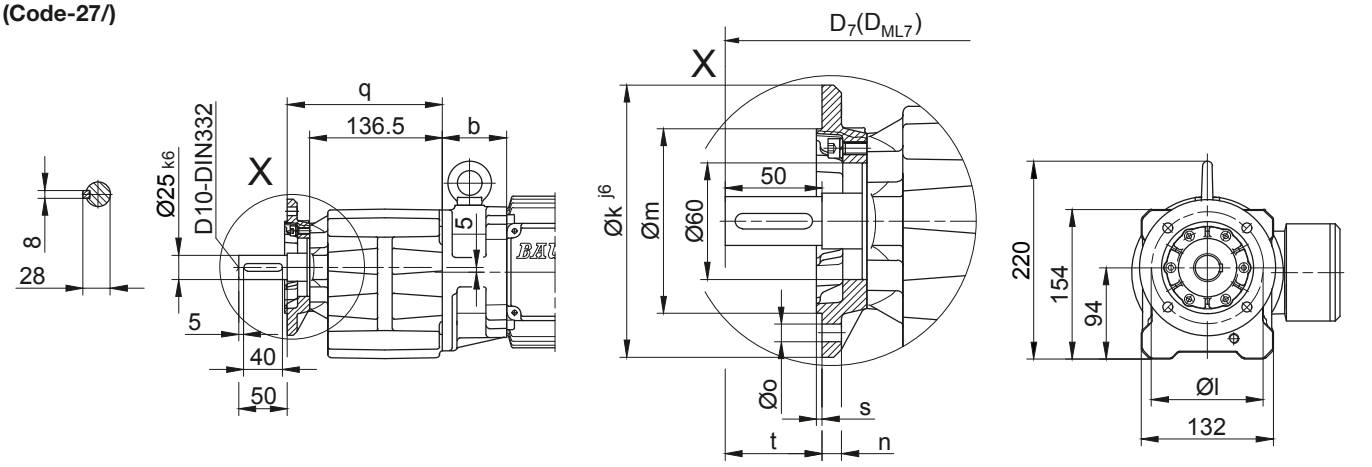
Dimension - Standard Metric

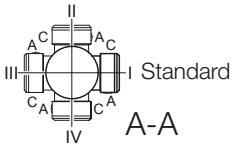
BG10X - BG10XZ

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code-27/)





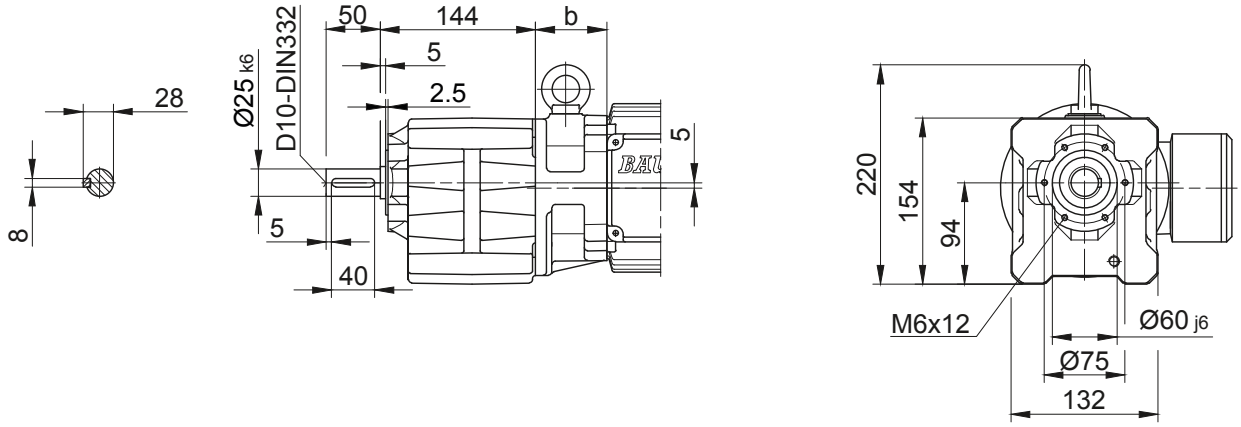
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10X..	Code -37V/	140	115	95	10	9	159.5	3	50	d+15.5	d_{ML}+15.5
BG10X..	Code -27V/	120	100	80	8	6.6	154.5	3	55	d+15.5	d_{ML}+15.5
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10XZ-../D04.A.	142.5	86	110.5	422.5	90	112	466	510	553.5	-
BG10X-../D..05.A.	170.5	62	123	426.5	101,5	117	468.5	529	566.5	-
BG10XZ-../D..05.A.	170.5	88	123	452.5	101,5	117	494.5	555	592.5	-
BG10X-../D..06.A.	170.5	62	123	426.5	101,5	119	468.5	529	566.5	-
BG10XZ-../D..06.A.	170.5	88	123	452.5	101,5	119	494.5	555	592.5	-
BG10X-../D..07.A.	190.5	62	123	446.5	101,5	119	488.5	549	586.5	-
BG10XZ-../D..07.A.	190.5	88	123	472.5	101,5	119	514.5	575	612.5	-
BG10X-../D..08.A.	199.5	66	156	459.5	116	136.5	525.5	571.5	633	525.5
BG10XZ-../D..08.A.	199.5	132	156	525.5	116	136.5	591.5	637.5	699	591.5
BG10X-../D..08.B.	229.5	66	156	489.5	116	136.5	555.5	601.5	662.5	555.5
BG10XZ-../D..08.B.	229.5	132	156	555.5	116	136.5	621.5	667.5	728.5	621.5
BG10X-../D..09.A.	250.5	80.5	176	525	125,5	157	618	632.5	722	618
BG10X-../D..09.B.	308.5	80.5	176	583	125,5	157	676	690	780	676
Dimensions in millimetres (mm)										

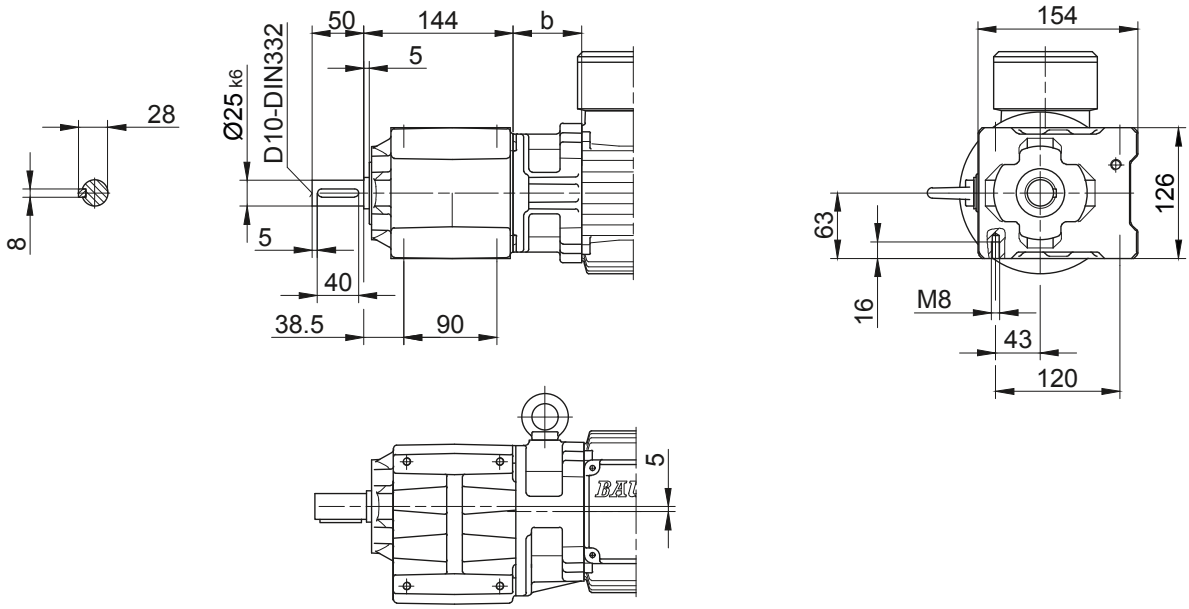
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10X - BG10XZ

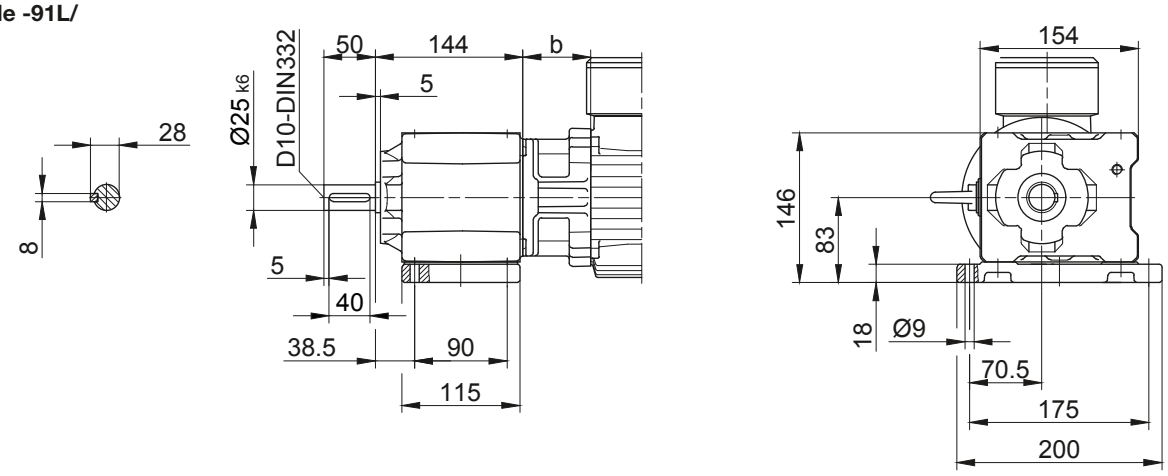
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



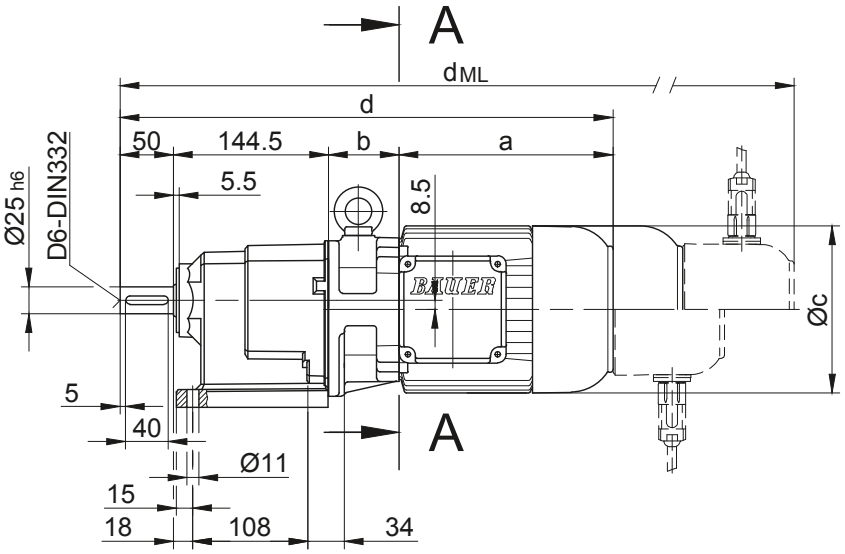
Foot plate left
Code -91L/

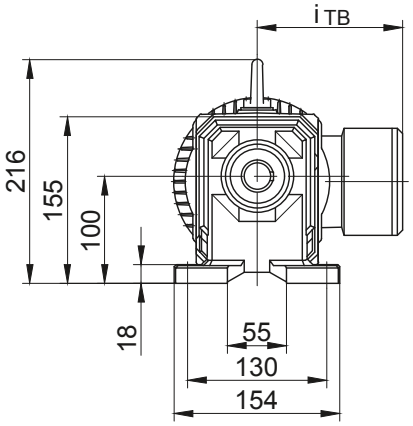


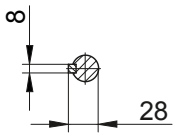
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

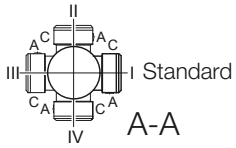
BG15

Foot mounting with clearance holes
Code -11/









Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG15-../D..05.A.	170.5	62	123	427	101,5	117	442.5	486.5	530	-
BG15-../D..06.A.	170.5	62	123	427	101,5	119	469	529.5	567	-
BG15-../D..07.A.	190.5	62	123	447	101,5	119	489	549.5	587	-
BG15-../D..08.A.	199.5	66	156	460	116	136.5	526	572	633.5	331.5
BG15-../D..08.B.	229.5	66	156	490	116	136.5	556	602	663	556
BG15-../D..09.A.	250.5	80.5	176	525.5	125,5	157	618.5	633	722.5	618.5
BG15-../D..09.B.	308.5	80.5	176	583.5	125,5	157	676.5	690.5	780.5	676.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

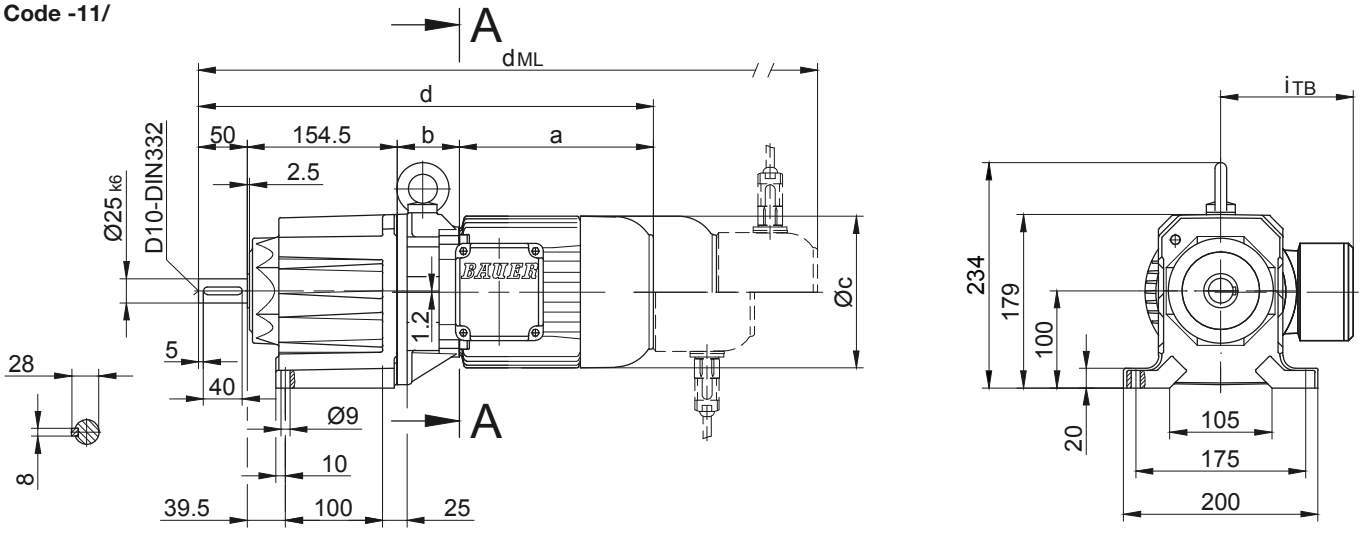
BG-series helical-geared motors

Dimension - Standard Metric

BG20 - BG20Z

Foot mounting with clearance holes

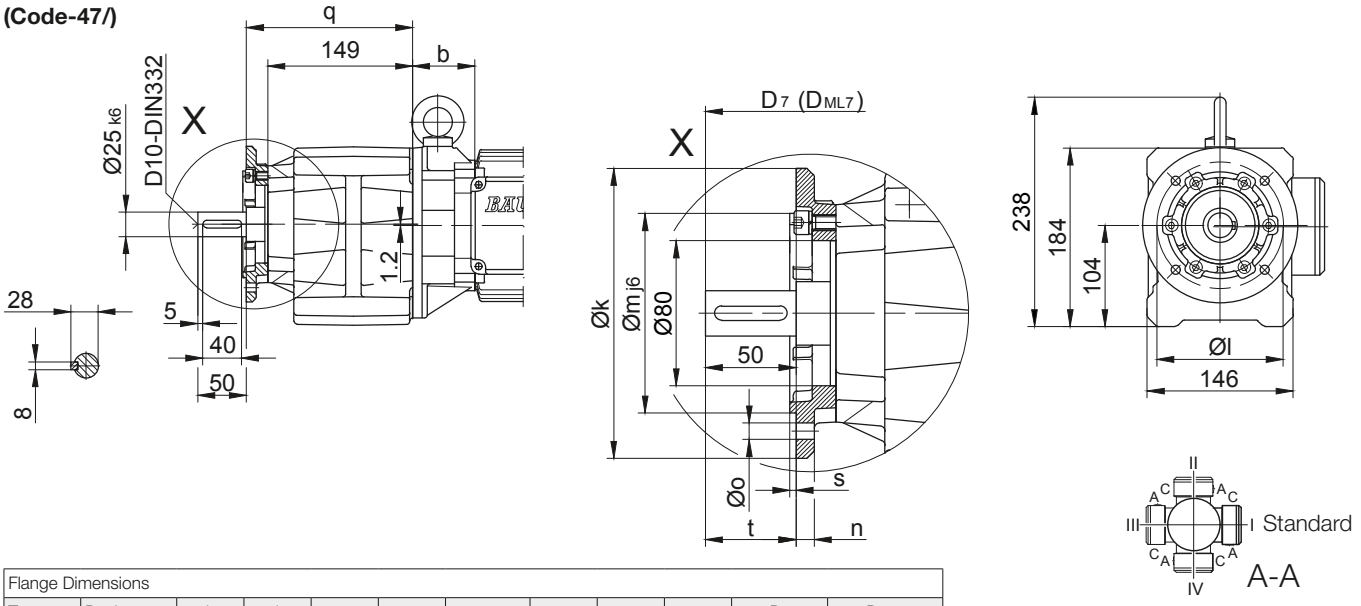
Code -11/



Flange with clearance holes

Code -37/

(Code-47/)



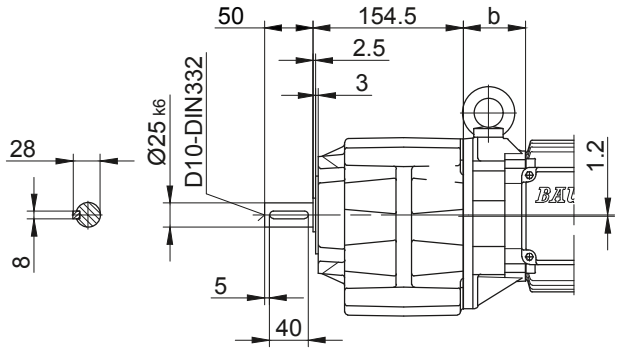
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG20..	Code -37V/	160	130	110	10	9	171	3.5	50	d+16.5	d_{ML}+16.5
BG20..	Code -47V/	200	165	130	12	11	178	3.5	43	d+16.5	d_{ML}+16.5
Dimensions in mm											

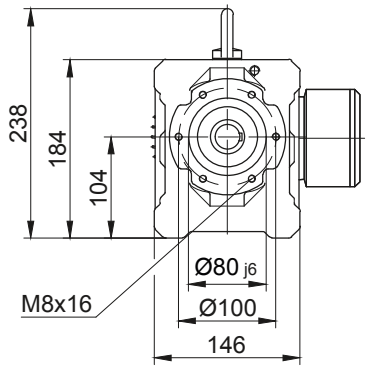
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG20Z-../D04.A.	142.5	100	110.5	447	90	112	490.5	534.5	578	-
BG20-../D..05.A.	170.5	60	123	435	101,5	117	477	537.5	575	-
BG20Z-../D..05.A.	170.5	102	123	477	101,5	117	519	579.5	617	-
BG20-../D..06.A.	170.5	60	123	435	101,5	119	477	537.5	575	-
BG20Z-../D..06.A.	170.5	102	123	477	101,5	119	519	579.5	617	-
BG20-../D..07.A.	190.5	60	123	455	101,5	119	497	557.5	595	-
BG20Z-../D..07.A.	190.5	102	123	497	101,5	119	539	599.5	637	-
BG20-../D..08.A.	199.5	64	156	468	116	136.5	534	580	641.5	534
BG20Z-../D..08.A.	199.5	146	156	550	116	136.5	616	662	723.5	616
BG20-../D..08.B.	229.5	64	156	498	116	136.5	564	610	671	564
BG20Z-../D..08.B.	229.5	146	156	580	116	136.5	646	692	753	646
BG20-../D..09.A.	250.5	78.5	176	533.5	125,5	157	626.5	641	730.5	626.5
BG20-../D..09.B.	308.5	78.5	176	591.5	125,5	157	684.5	698.5	788.5	684.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

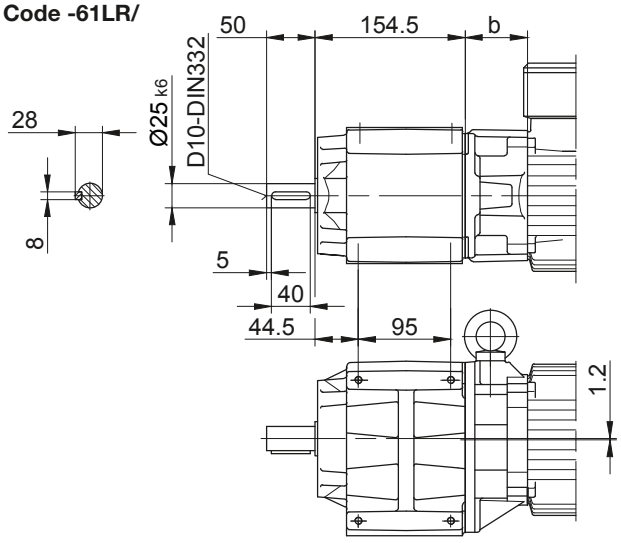
BG20 - BG20Z

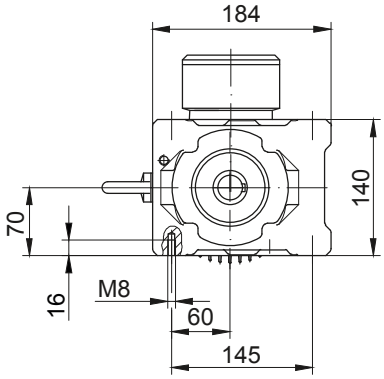
Flange with tapped holes
Code -71/



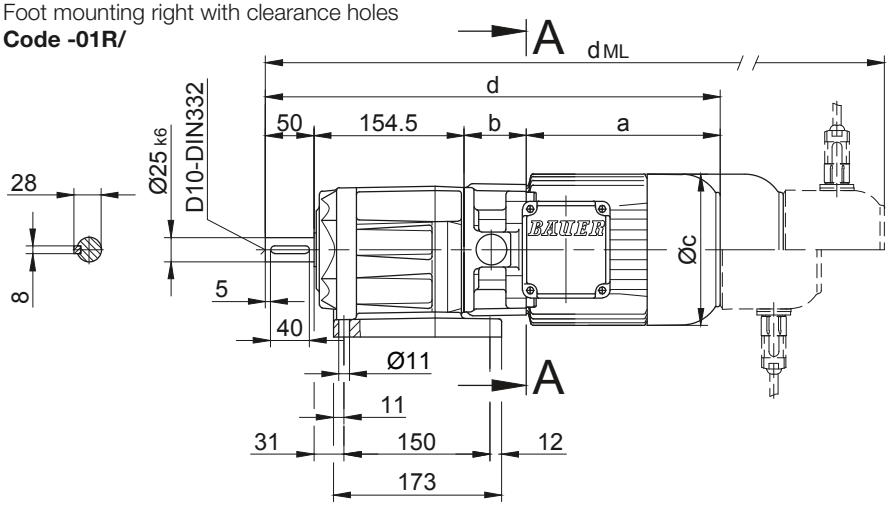


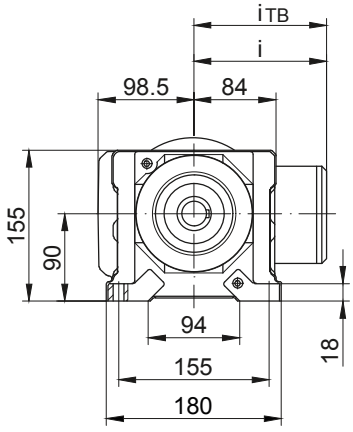
Foot with tapped holes left and right
Code -61LR/

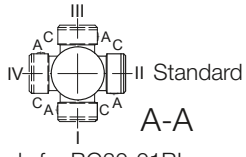




Foot mounting right with clearance holes
Code -01R/







only for BG20-01R!

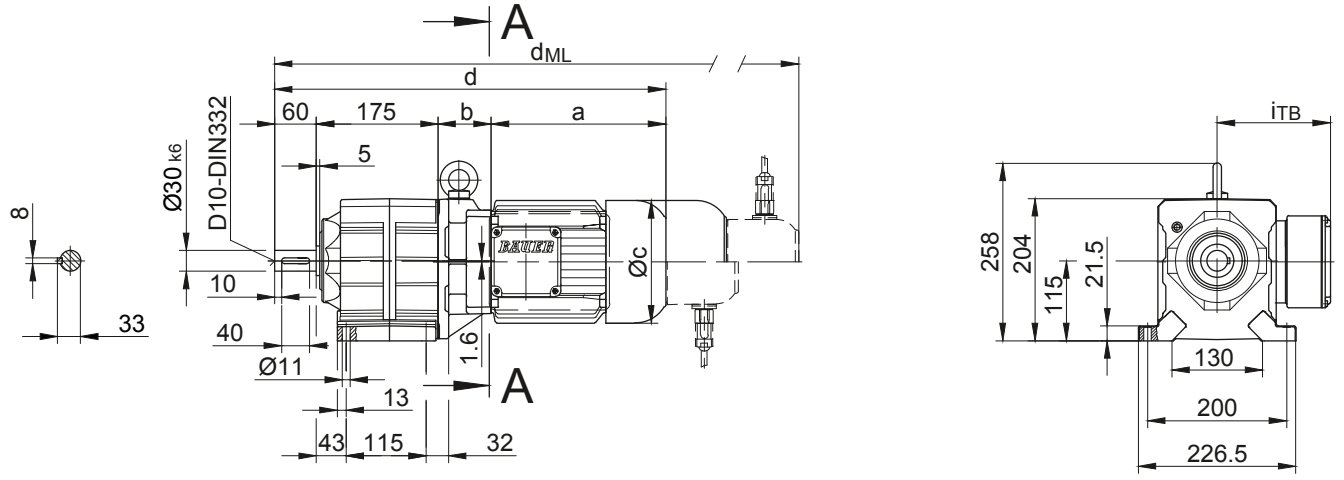
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

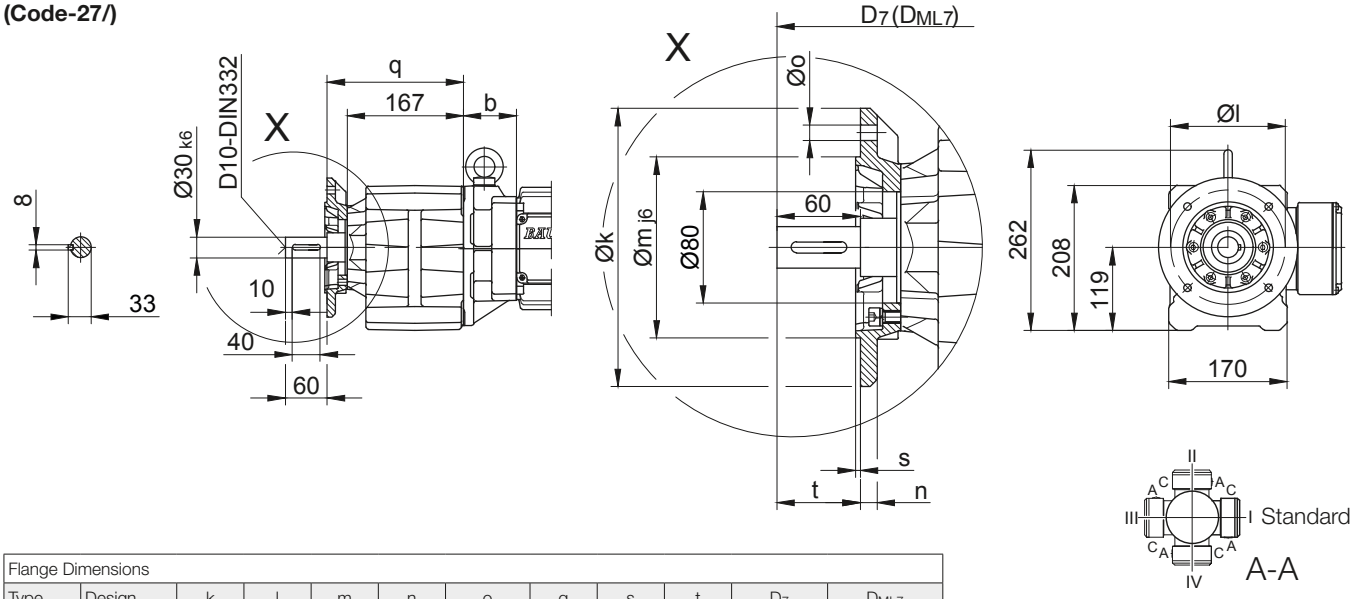
Dimension - Standard Metric

BG30 - BG30Z

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code-27/)



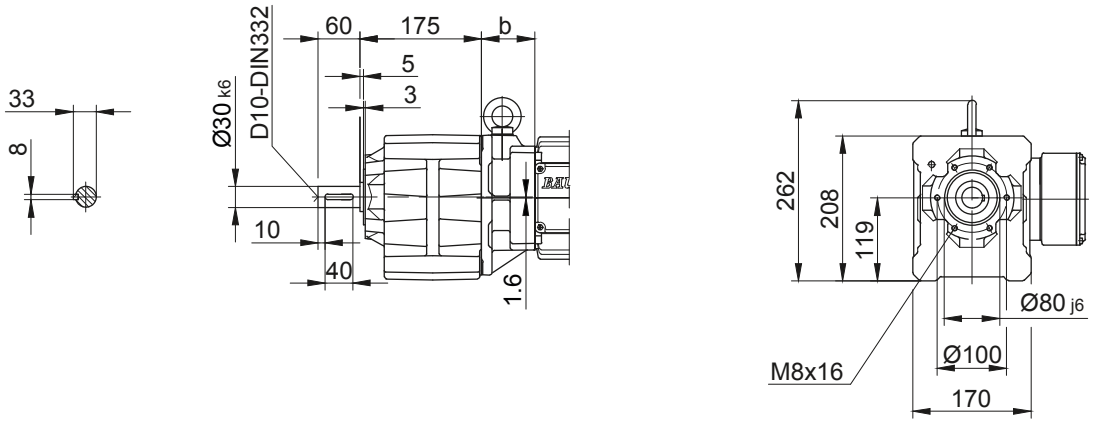
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG30..	Code -37/	200	165	130	12	11	196	3.5	60	d+21	d_{ML}+21
BG30..	Code -27/	160	130	110	10	9	189	3.5	67	d+21	d_{ML}+21
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG30-../D..05.A.	170.5	58	123	463.5	101,5	117	505.5	566	603.5	-
BG30Z-../D..05.A.	170.5	133.5	123	539	101,5	117	581	641.5	679	-
BG30-../D..06.A.	170.5	58	123	463.5	101,5	119	505.5	566	603.5	-
BG30Z-../D..06.A.	170.5	133.5	123	539	101,5	119	581	641.5	679	-
BG30-../D..07.A.	190.5	58	123	483.5	101,5	119	525.5	586	623.5	-
BG30Z-../D..07.A.	190.5	133.5	123	559	101,5	119	601	661.5	699	-
BG30-../D..08.A.	199.5	62	156	496.5	116	136.5	562.5	608.5	670	562.5
BG30Z-../D..08.A.	199.5	137.5	156	572	116	136.5	638	684	745.5	638
BG30-../D..08.B.	229.5	62	156	526.5	116	136.5	592.5	638.5	699.5	592.5
BG30Z-../D..08.B.	229.5	137.5	156	602	116	136.5	668	714	775	668
BG30-../D..09.A.	250.5	76.5	176	562	125,5	157	655	727	759	655
BG30Z-../D..09.A.	250.5	152	176	637.5	125,5	157	730.5	802.5	834.5	730.5
BG30-../D..09.B.	308.5	76.5	176	620	125,5	157	713	727	817	713
BG30Z-../D..09.B.	308.5	152	176	695.5	125,5	157	788.5	802.5	892.5	788.5
BG30-../D..11.A.	319	83	218	637	165	176	735	744.5	837	735
BG30-../D..11.B.	387	83	218	705	165	176	801	812.5	905	801
Dimensions in millimetres (mm)										

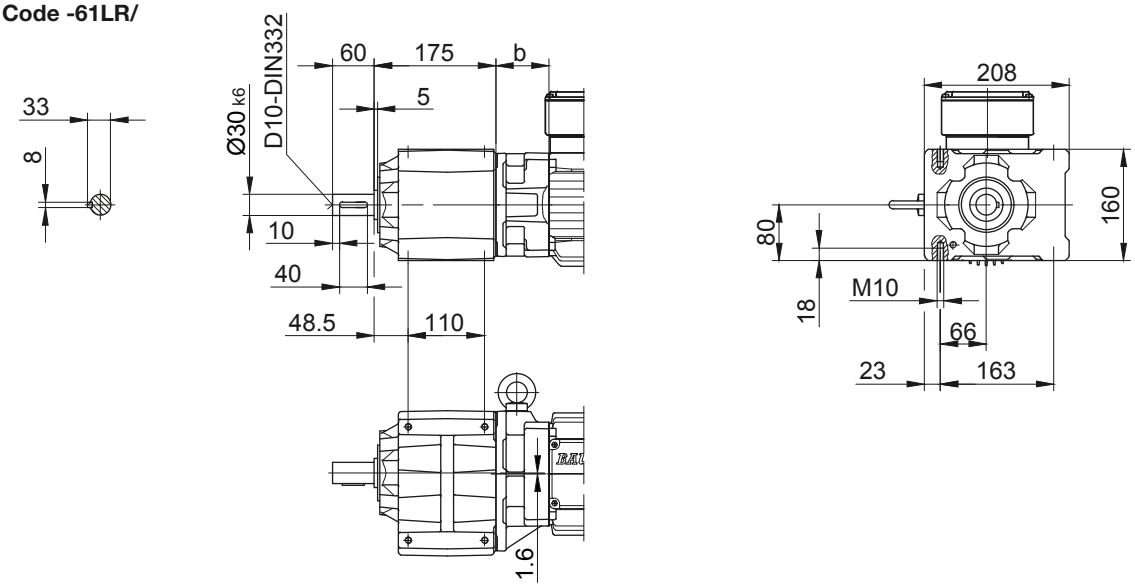
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG30 - BG30Z

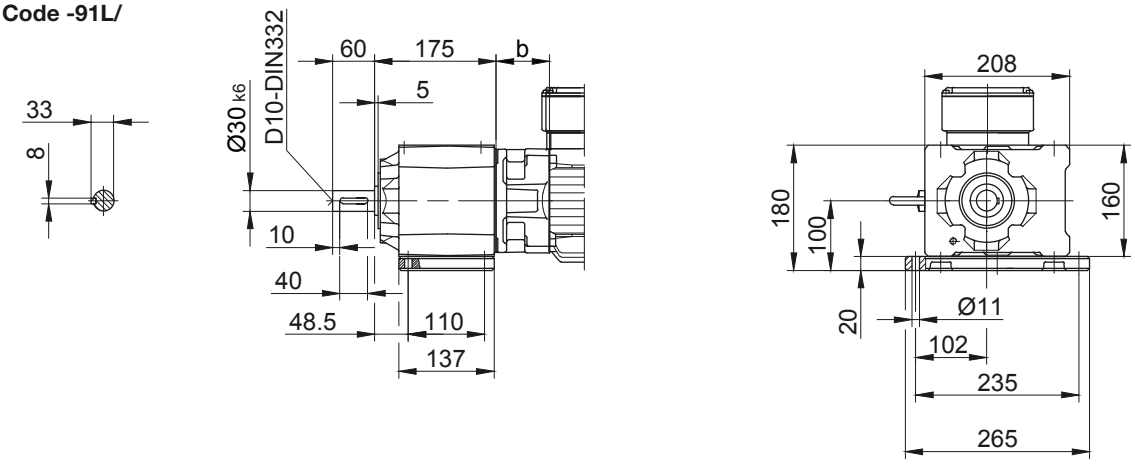
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



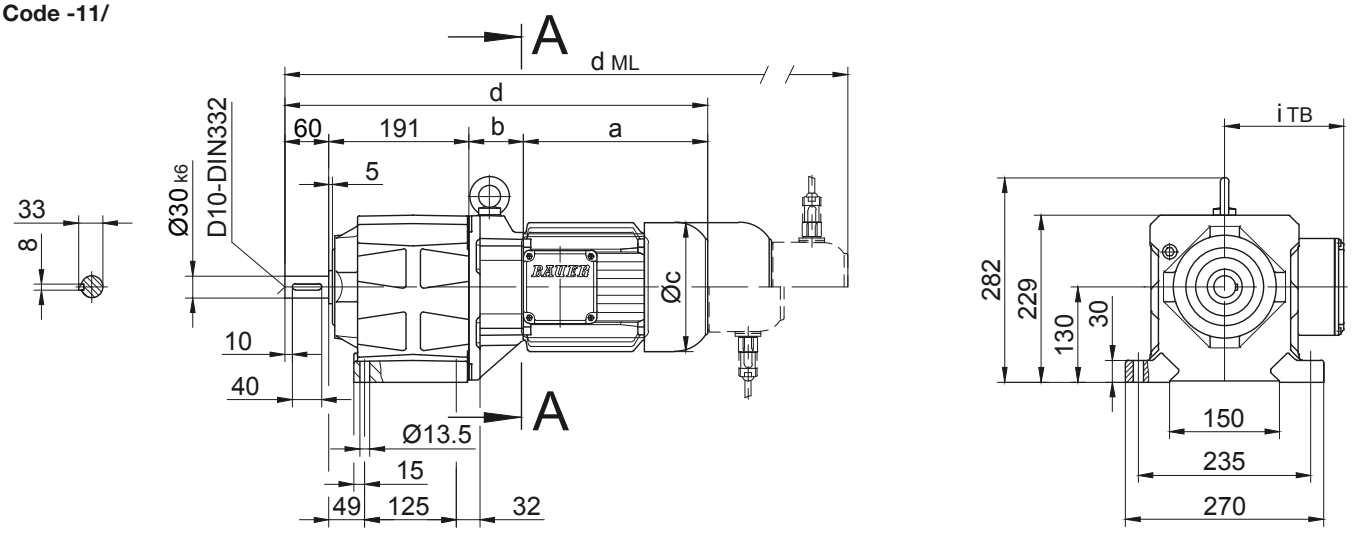
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

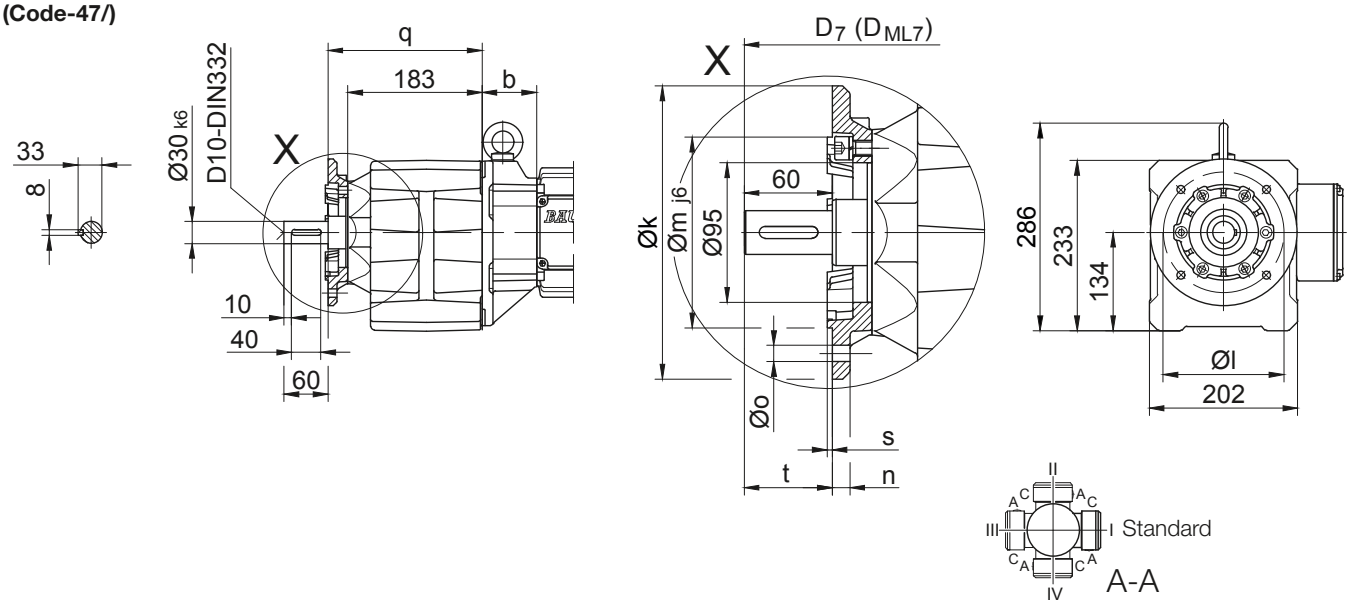
Dimension - Standard Metric

BG40 - BG40Z

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code-47/)



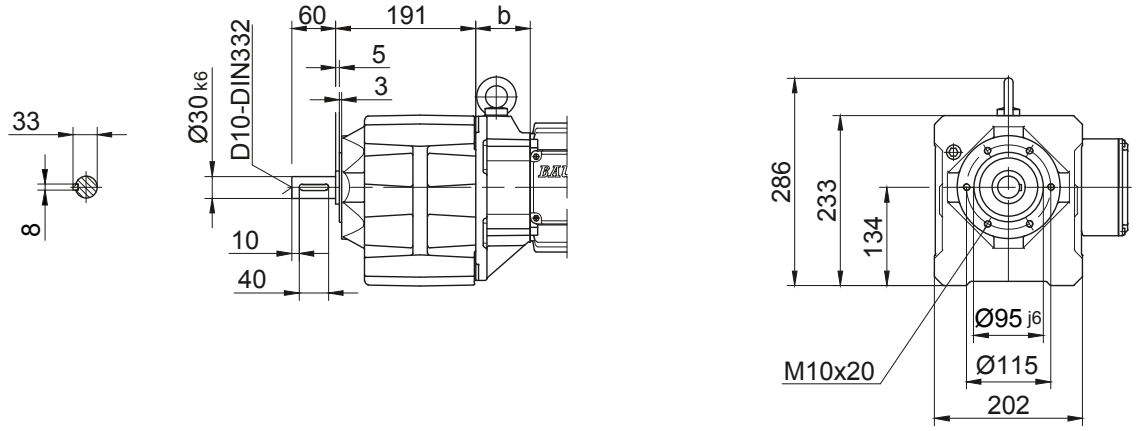
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG40..	Code -37/	200	165	130	12	11	210	3.5	60	d+19	d_{ML}+19
BG40..	Code -47/	250	215	180	16	13.5	219	4	51	d+19	d_{ML}+19
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG40Z-../D..05.A.	170.5	138.5	123	560	101,5	117	602	662.5	700	-
BG40Z-../D..06.A.	170.5	138.5	123	560	101,5	119	602	662.5	700	-
BG40Z-../D..07.A.	190.5	138.5	123	580	101,5	119	622	682.5	720	-
BG40-../D..08.A.	199.5	60	156	510.5	116	136.5	576.5	622.5	684	576.5
BG40Z-../D..08.A.	199.5	142.5	156	593	116	136.5	659	705	766.5	659
BG40-../D..08.B.	229.5	60	156	540.5	116	136.5	606.5	652.5	713.5	606.5
BG40Z-../D..08.B.	229.5	142.5	156	623	116	136.5	689	735	796	689
BG40-../D..09.A.	250.5	74.5	176	576	125,5	157	669	683.5	773	669
BG40Z-../D..09.A.	250.5	157	176	658.5	125,5	157	751.5	766	855.5	751.5
BG40-../D..09.B.	308.5	74.5	176	634	125,5	157	727	741	831	727
BG40Z-../D..09.B.	308.5	157	176	716.5	125,5	157	809.5	823.5	913.5	809.5
BG40-../D..11.A.	319	81	218	651	165	176	749	758.5	851	749
BG40-../D..11.B.	387	81	218	719	165	176	815	826.5	919	815
Dimensions in millimetres (mm)										

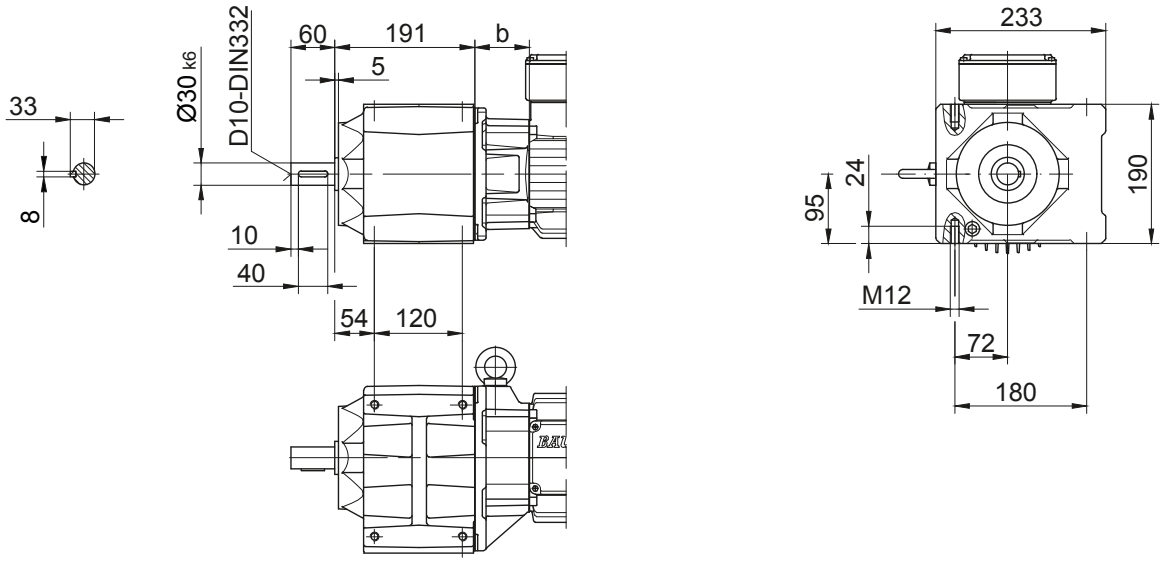
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG40 - BG40Z

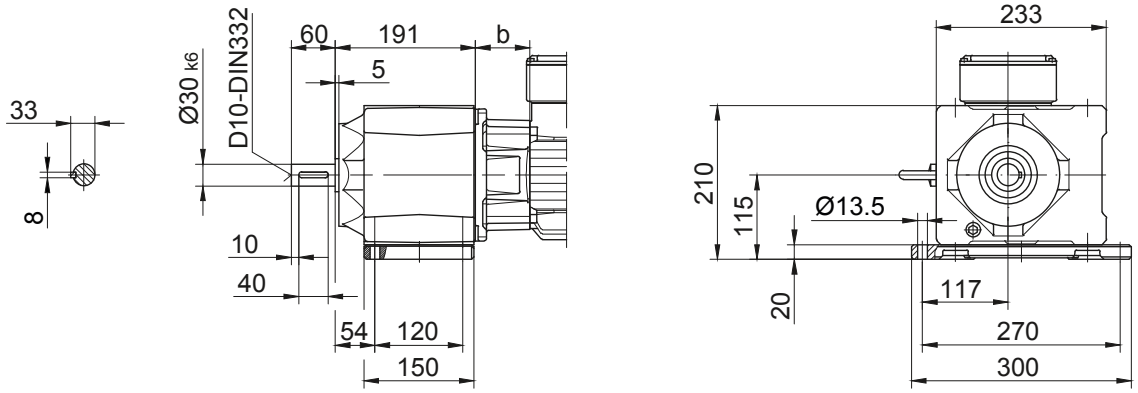
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



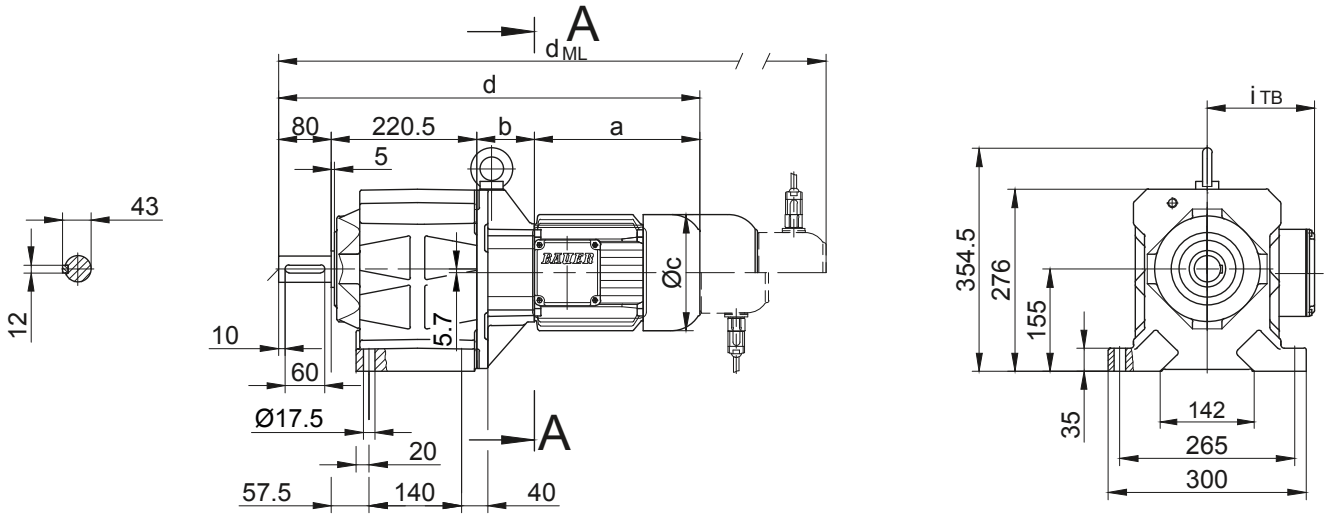
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

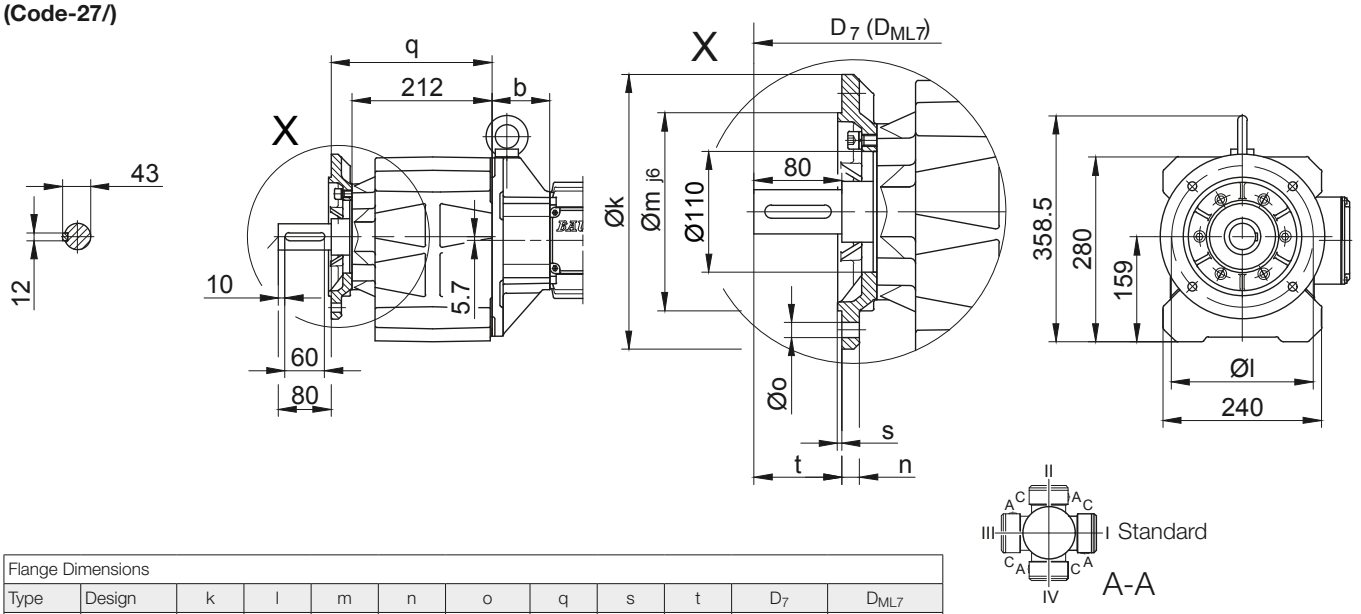
Dimension - Standard Metric

BG50 - BG50Z

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code-27/)



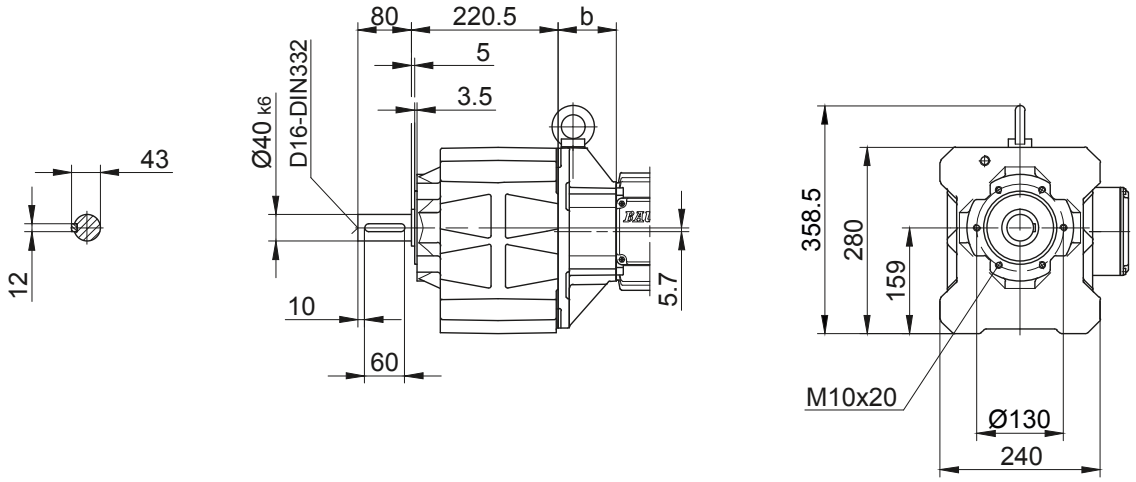
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG50..	Code -37/	250	215	180	16	13.5	244	4	80	d+23.5	d_{ML}+23.5
BG50..	Code -27/	200	165	130	12	11	241	3.5	83	d+23.5	d_{ML}+23.5
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG50Z-../D..05.A.	170.5	155	123	626	101,5	117	668	728.5	766	-
BG50Z-../D..06.A.	170.5	155	123	626	101,5	119	668	728.5	766	-
BG50Z-../D..07.A.	190.5	155	123	646	101,5	119	688	748.5	786	-
BG50-../D..08.A.	199.5	73	156	573	116	136.5	639	685	746.5	639
BG50Z-../D..08.A.	199.5	159	156	659	116	136.5	725	771	832.5	725
BG50-../D..08.B.	229.5	73	156	603	116	136.5	669	715	776	669
BG50Z-../D..08.B.	229.5	159	156	689	116	136.5	755	801	862	755
BG50-../D..09.A.	250.5	87.5	176	638.5	125,5	157	731.5	746	835.5	731.5
BG50Z-../D..09.A.	250.5	173.5	176	724.5	125,5	157	817.5	832	921.5	817.5
BG50-../D..09.B.	308.5	87.5	176	696.5	125,5	157	789.5	803.5	893.5	789.5
BG50Z-../D..09.B.	308.5	173.5	176	782.5	125,5	157	875.5	889.5	979.5	875.5
BG50-../D..11.A.	319	94	218	713.5	165	176	811.5	821	913.5	811.5
BG50-../D..11.B.	387	94	218	781.5	165	176	877.5	889	981.5	877.5
BG50-../D..13.A.	393	107	258	800.5	217	217	911.5	907.5	1012.5	908.5
BG50-../D..16.B.	454.5	121	310	876	243	243	1019.5	983	1123	1019.5
BG50-../D..18.B.	542	143	348	985.5	288	288	1135	1091	1238.5	1135
Dimensions in millimetres (mm)										

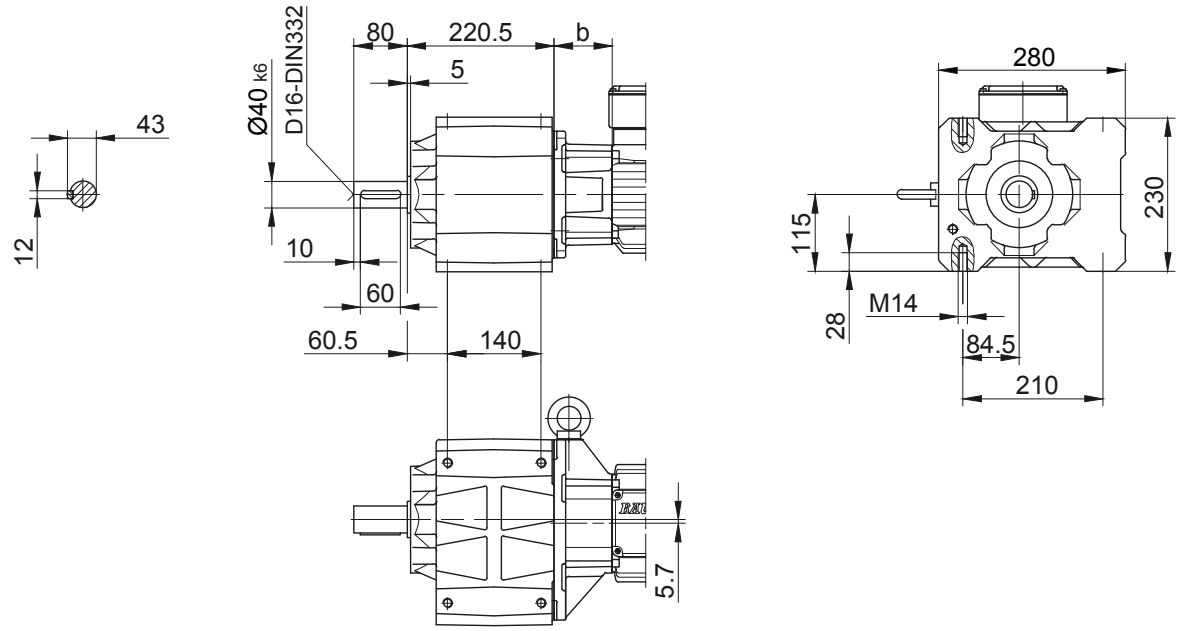
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG50 - BG50Z

Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

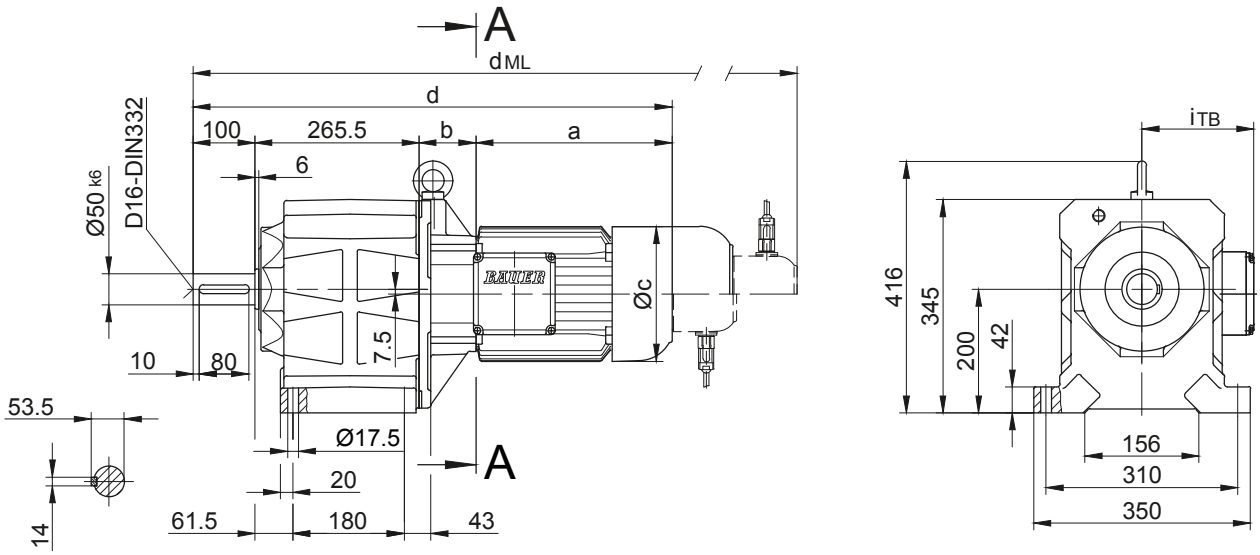
BG-series helical-geared motors

Dimension - Standard Metric

BG60 - BG60Z

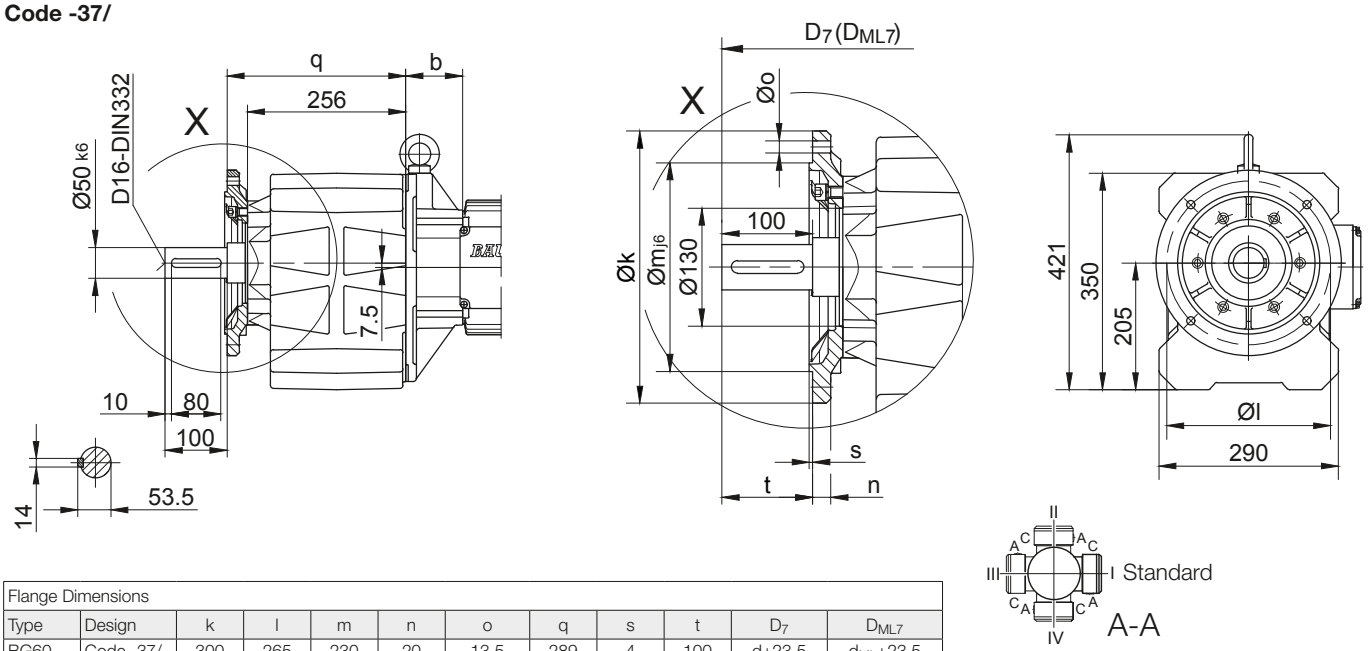
Foot mounting with clearance holes

Code -11/



Flange with clearance holes

Code -37/



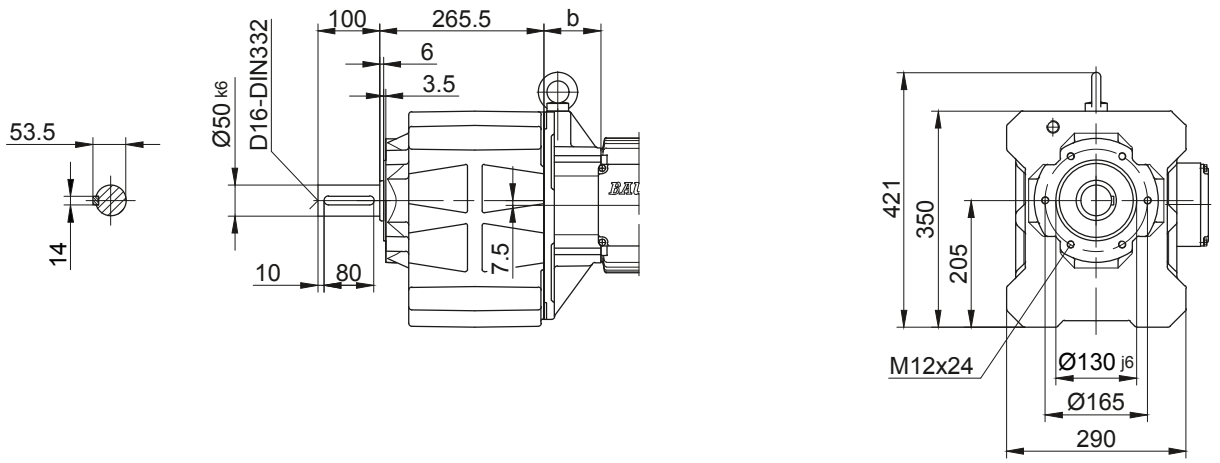
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG60..	Code -37/	300	265	230	20	13.5	289	4	100	d+23.5	d_{ML}+23.5
BG60..	Code -27/	250	215	180	16	13.5	286	4	103	d+23.5	d_{ML}+23.5
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG60Z-../D..08.A.	199.5	181	156	746	116	136.5	812	858	919.5	812
BG60Z-../D..08.B.	229.5	181	156	776	116	136.5	842	888	949	842
BG60-../D..09.A.	250.5	85.5	176	701.5	125,5	157	794.5	809	898.5	794.5
BG60Z-../D..09.A.	250.5	195.5	176	811.5	125,5	157	904.5	919	1008.5	904.5
BG60-../D..09.B.	308.5	85.5	176	759.5	125,5	157	852.5	866.5	956.5	852.5
BG60Z-../D..09.B.	308.5	195.5	176	869.5	125,5	157	962.5	976.5	1066.5	962.5
BG60-../D..11.A.	319	92	218	776.5	165	176	874.5	884	976.5	874.5
BG60Z-../D..11.A.	319	202	218	886.5	165	176	984.5	994	1086.5	984.5
BG60-../D..11.B.	387	92	218	844.5	165	176	940.5	952	1044.5	940.5
BG60Z-../D..11.B.	387	202	218	954.5	165	176	1050.5	1062	1154.5	1050.5
BG60-../D..13.A.	393	105	258	863.5	217	217	974.5	970.5	1075.5	971.5
BG60-../D..16.B.	454.5	119	310	939	243	243	1082.5	1046	1186	1082.5
BG60-../D..18.B.	542	141	348	1048.5	288	288	1198	1154	1301.5	1198
Dimensions in millimetres (mm)										

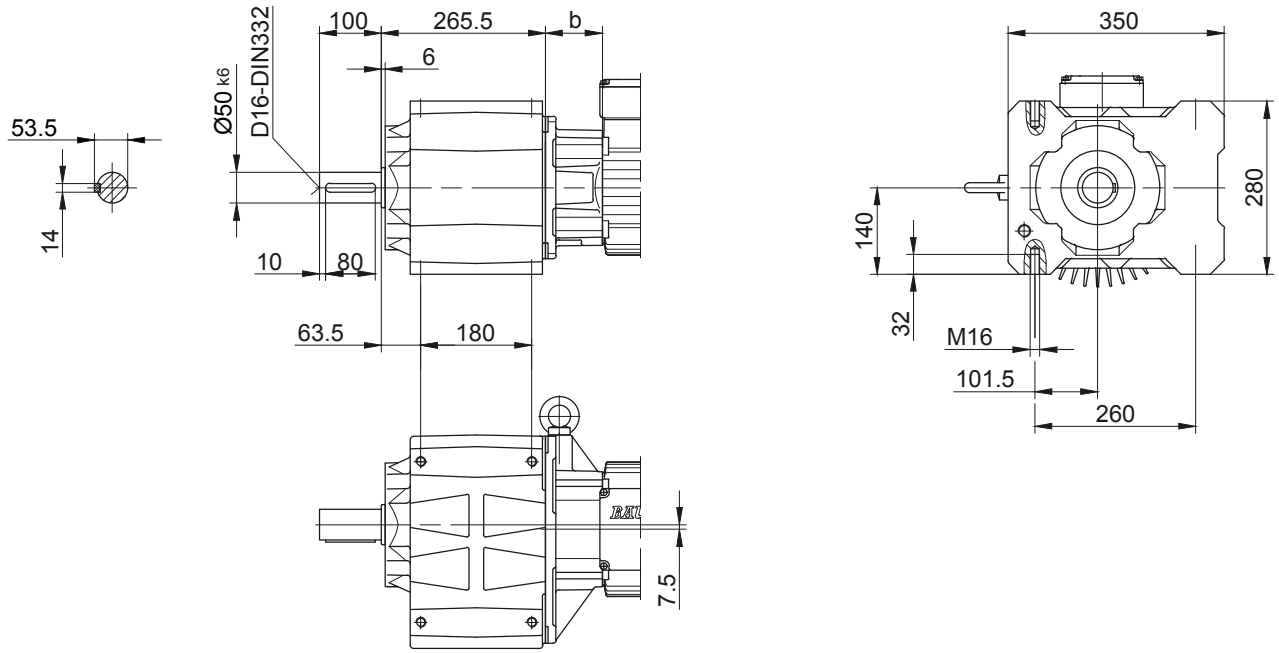
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG60 - BG60Z

Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



10

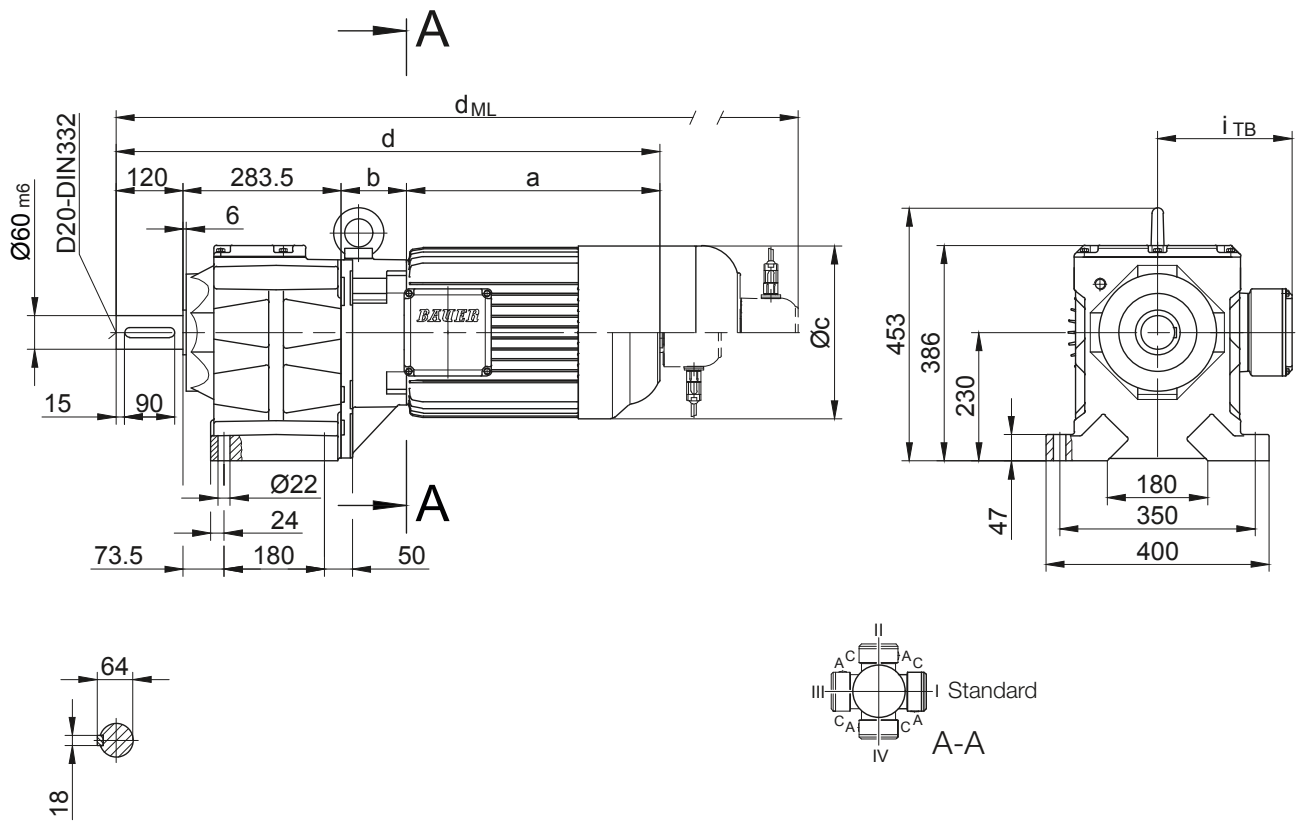
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

Dimension - Standard Metric

BG70 - BG70Z

Foot mounting with clearance holes
Code -11/



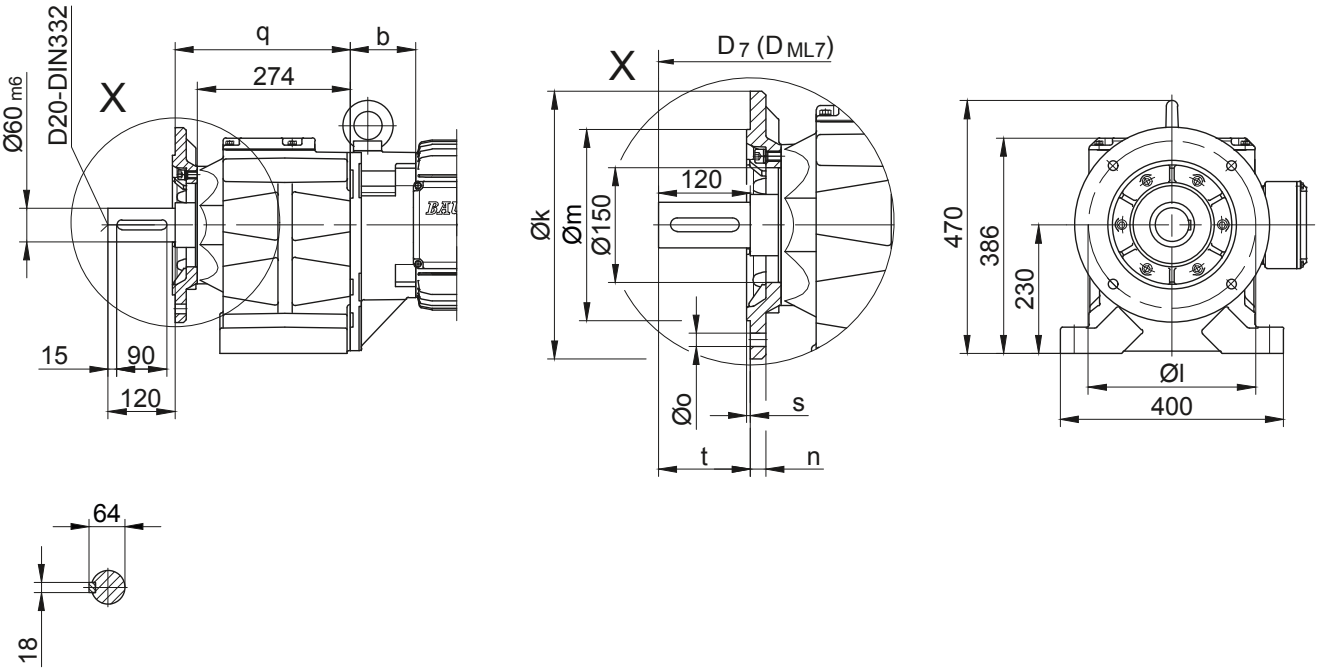
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG70..	Code -37/	350	300	250	20	17.5	314	5	120	d+30.5	d_{ML}+30.5
BG70..	Code -27/	300	265	230	20	13.5	322	4	112	d+30.5	d_{ML}+30.5
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG70Z-../D..08.A.	199.5	202	156	805	116	136.5	871	917	978.5	871
BG70Z-../D..08.B.	229.5	202	156	835	116	136.5	901	947	1008	901
BG70-../D..09.A.	250.5	83.5	176	737.5	125,5	157	830.5	845	934.5	830.5
BG70Z-../D..09.A.	250.5	216.5	176	870.5	125,5	157	963.5	978	1067.5	963.5
BG70-../D..09.B.	308.5	83.5	176	795.5	125,5	157	888.5	902.5	992.5	888.5
BG70Z-../D..09.B.	308.5	216.5	176	928.5	125,5	157	1021.5	1035.5	1125.5	1021.5
BG70-../D..11.A.	319	90	218	812.5	165	176	910.5	920	1012.5	910.5
BG70Z-../D..11.A.	319	223	218	945.5	165	176	1043.5	1053	1145.5	1043.5
BG70-../D..11.B.	387	90	218	880.5	165	176	976.5	988	1080.5	976.5
BG70Z-../D..11.B.	387	223	218	1013.5	165	176	1109.5	1121	1213.5	1109.5
BG70-../D..13.A.	393	103	258	899.5	217	217	1010.5	1006.5	1111.5	1007.5
BG70Z-../D..13.A.	393	236	258	1032.5	217	217	1143.5	1139.5	1244.5	1140.5
BG70-../D..16.B.	454.5	117	310	975	243	243	1118.5	1082	1222	1118.5
BG70Z-../D..16.B.	454.5	250	310	1108	243	243	1251.5	653.5	1355	1251.5
BG70-../D..18.B.	542	139	348	1084.5	288	288	1234	1190	1337.5	1234
BG70Z-../D..18.B.	542	272	348	1217.5	288	288	1367	1323	1470.5	1367
BG70-../D..20.A.	703.5	156	363	1263	280	280	1390.5	1368.5	1496	1263
BG70-../D..22.A.	703.5	156	363	1263	280	280	1390.5	1368.5	1496	1263
Dimensions in millimetres (mm)										

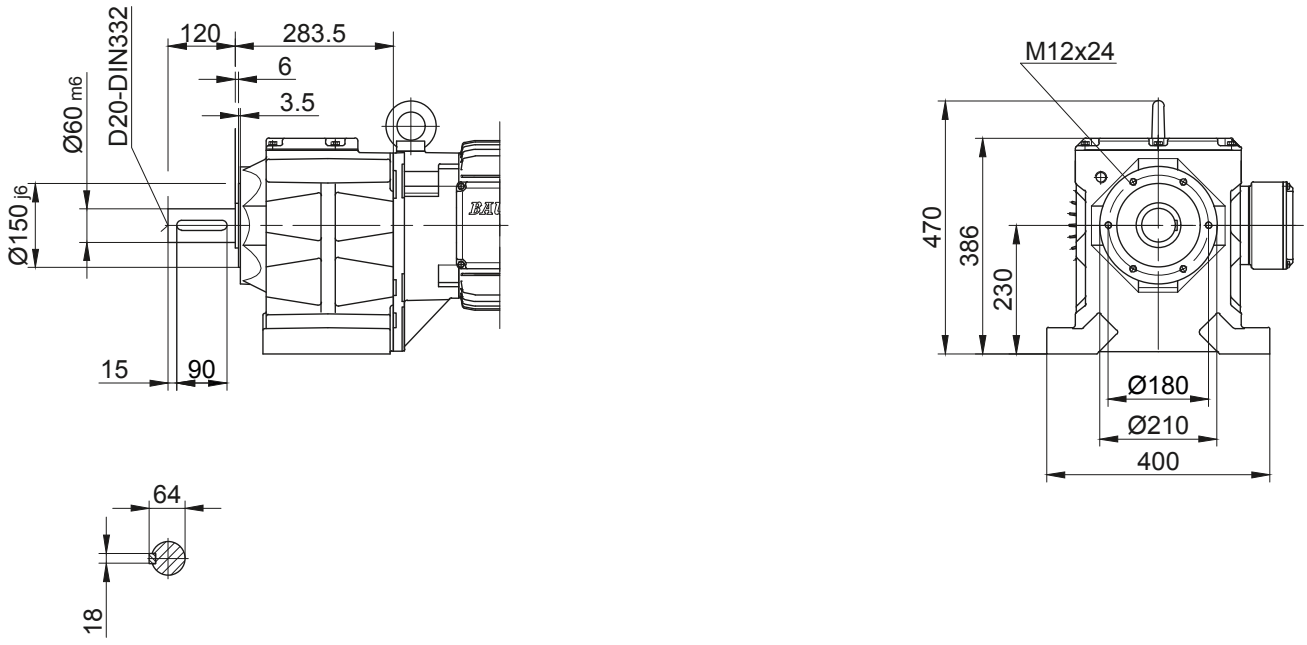
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG70 - BG70Z

Flange with clearance holes
Code -37/
(Code -27/)



Flange with clearance holes
Code -71/



10

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

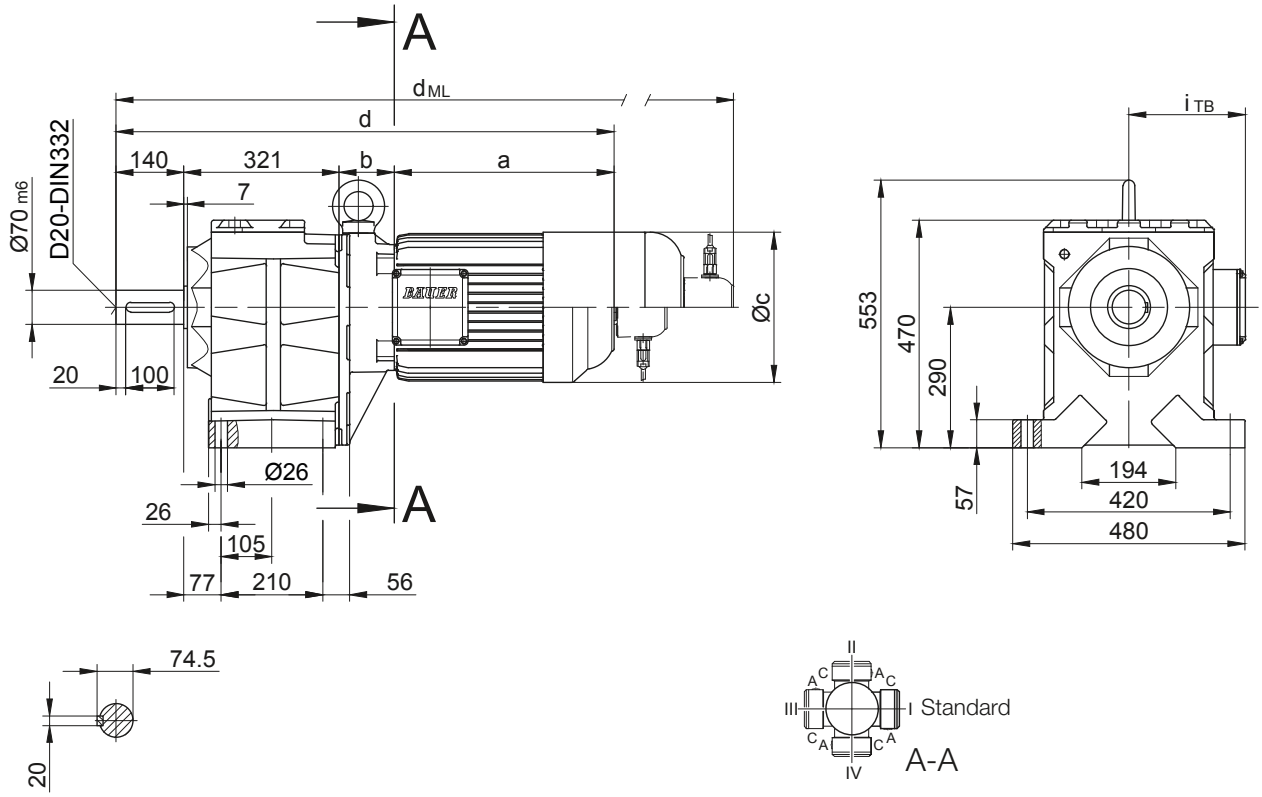
BG-series helical-geared motors

Dimension - Standard Metric

BG80 - BG80Z

Foot mounting with clearance holes

Code -11/



10

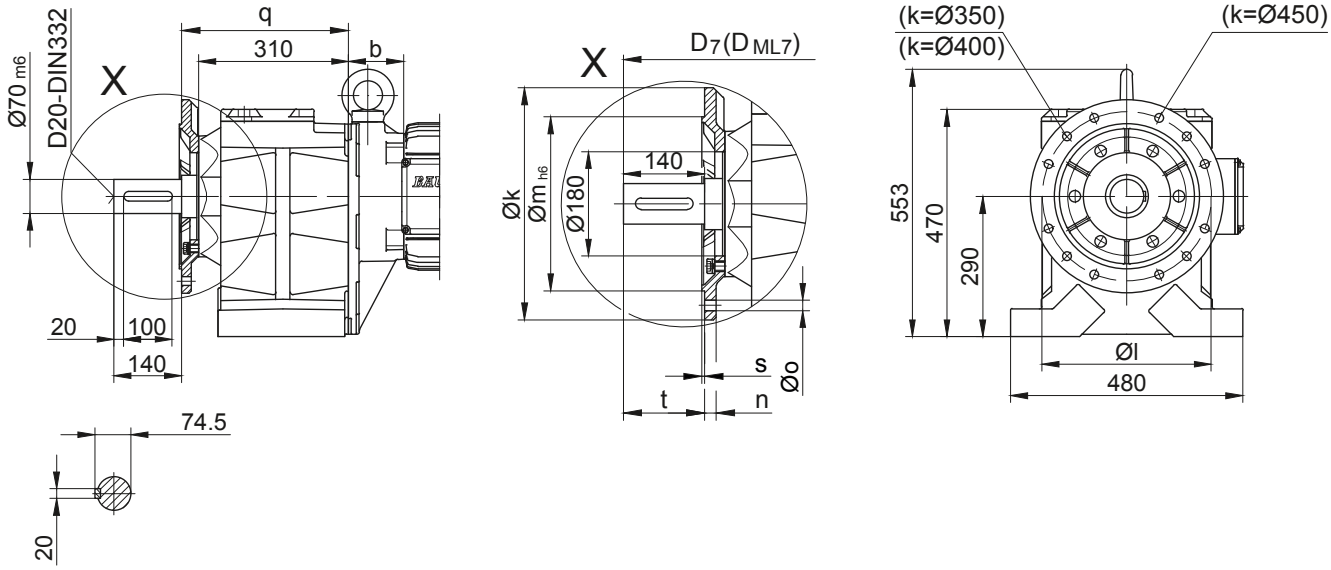
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG80..	Code -37/	400	350	300	20	4 x 17.5	345	5	140	d+24	d_{ML}+24
BG80..	Code -27/	350	300	250	20	4 x 17.5	345	5	140	d+24	d_{ML}+24
BG80..	Code -47/	450	400	350	22	8 x 17.5	355	5	130	d+24	d_{ML}+24
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG80Z-../D..09.A.	250.5	252.5	176	964	125,5	157	1057	1071.5	1161	1057
BG80Z-../D..09.B.	308.5	252.5	176	1022	125,5	157	1115	1129	1219	1115
BG80-../D..11.A.	319	87	218	867	165	176	965	974.5	1067	965
BG80Z-../D..11.A.	319	259	218	1039	165	176	1137	1146.5	1067	965
BG80-../D..11.B.	387	87	218	935	165	176	1031	1042.5	1135	1031
BG80Z-../D..11.B.	387	259	218	1107	165	176	1203	1214.5	1307	1203
BG80-../D..13.A.	393	100	258	954	217	217	1065	1061	1166	1062
BG80Z-../D..13.A.	393	272	258	1126	217	217	1237	1233	1338	1234
BG80-../D..16.B.	454.5	114	310	1029.5	243	243	1173	1136.5	1276.5	1173
BG80Z-../D..16.B.	454.5	286	310	1201.5	243	243	1345	1308.5	1448.5	1345
BG80-../D..18.B.	542	136	348	1139	288	288	1195	1158.5	1298.5	1195
BG80Z-../D..18.B.	542	308	348	1311	288	288	1367	1330.5	1470.5	1367
BG80-../D..20.A.	703.5	153	363	1317.5	280	280	1445	1423	1550.5	1317.5
BG80-../D..22.A.	703.5	153	363	1317.5	280	280	1445	1423	1550.5	1317.5
Dimensions in millimetres (mm)										

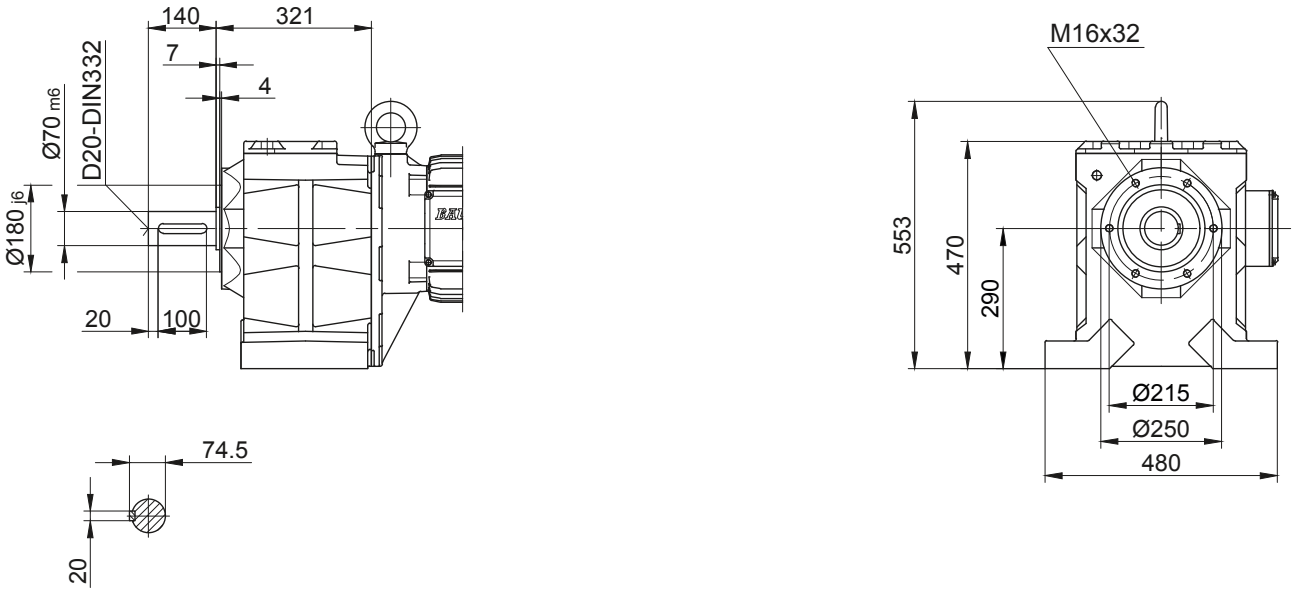
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG80 - BG80Z

Flange with clearance holes
Code -37/
(Code -27/)
(Code -47/)



Flange with tapped holes
Code -71/



10

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

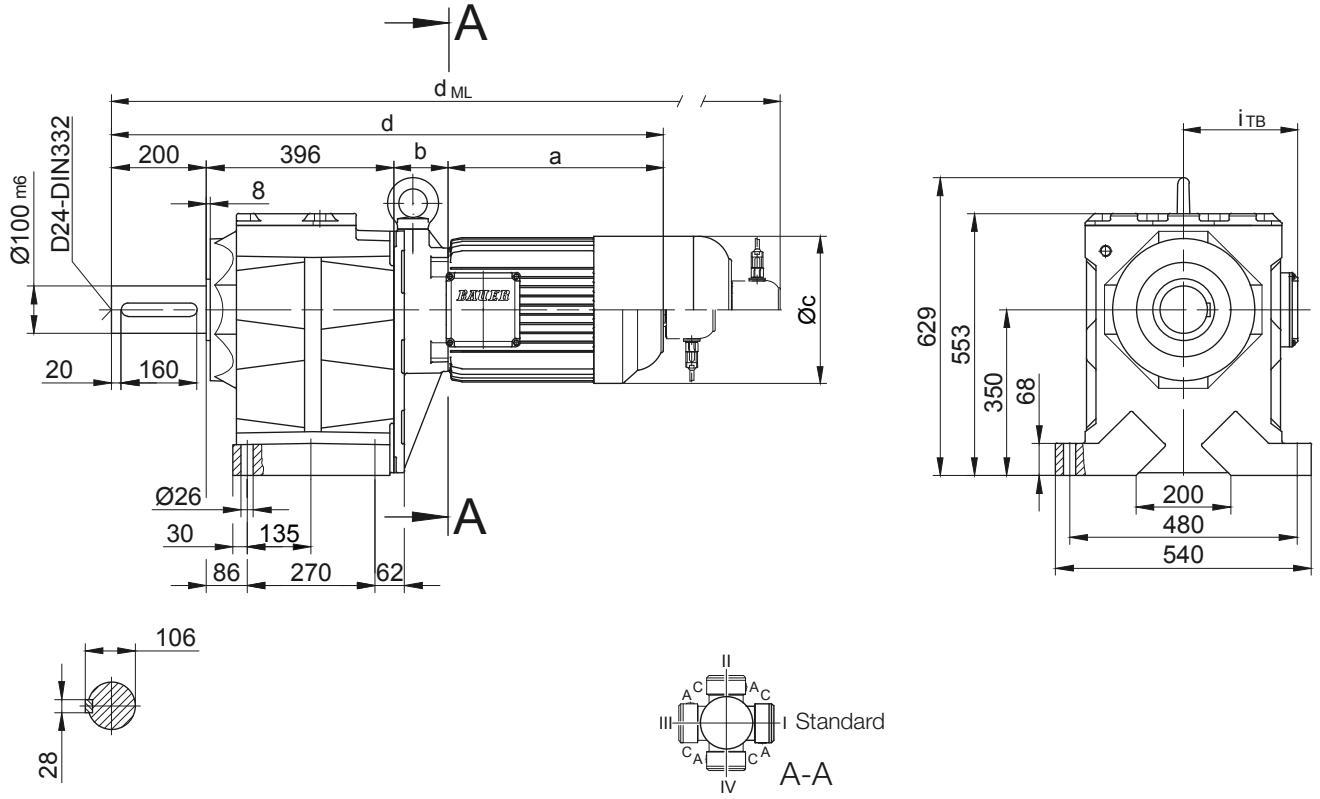
BG-series helical-geared motors

Dimension - Standard Metric

BG90 - BG90Z

Foot mounting with clearance holes

Code -11/



10

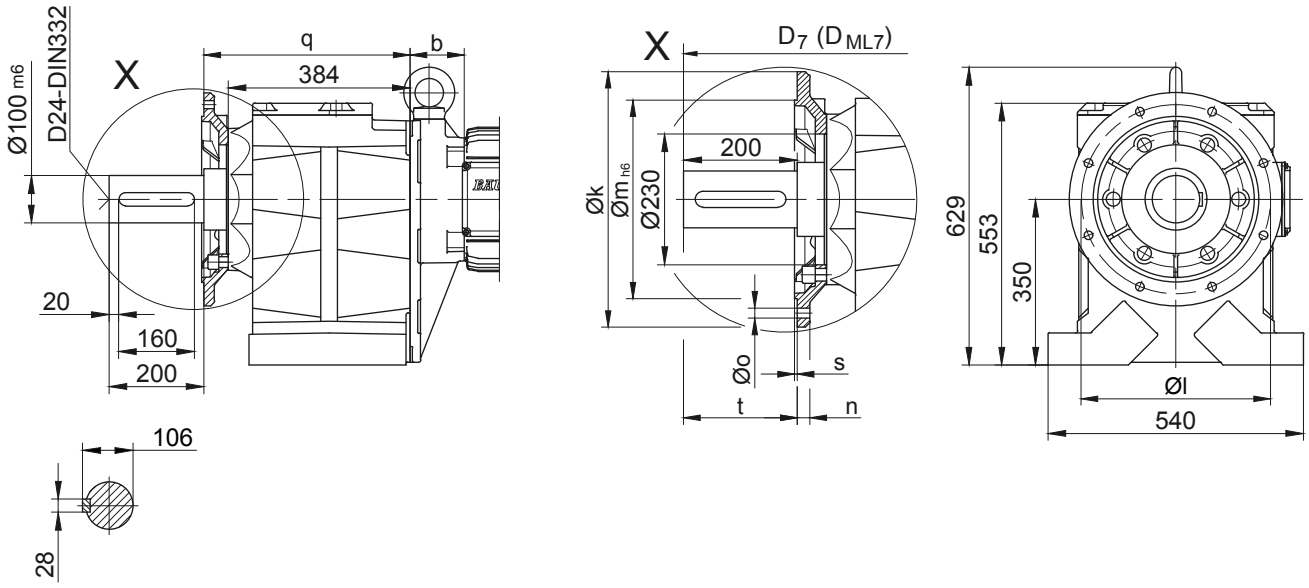
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG90..	Code -37/	450	400	350	22	17.5	439	5	200	d+43	d_{ML}+43
BG90..	Code -47/	550	500	450	22	17.5	444	5	195	d+43	d_{ML}+43
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG90Z-../D..09.A.	250.5	267	176	1113.5	125,5	157	1206.5	1221	1310.5	1206.5
BG90Z-../D..09.B.	308.5	267	176	1171.5	125,5	157	1264.5	1278.5	1368.5	1264.5
BG90Z-../D..11.A.	319	273.5	218	1188.5	165	176	1286.5	1296	1388.5	1286.5
BG90Z-../D..11.B.	387	273.5	218	1256.5	165	176	1352.5	1364	1456.5	1352.5
BG90-../D..13.A.	393	100	258	1089	217	217	1200	1196	1301	1197
BG90Z-../D..13.A.	393	286.5	258	1275.5	217	217	1386.5	1382.5	1487.5	1383.5
BG90-../D..16.B.	454.5	114	310	1164.5	243	243	1308	1271.5	1411.5	1308
BG90Z-../D..16.B.	454.5	300.5	310	1351	243	243	1494.5	1458	1598	1494.5
BG90-../D..18.B.	542	136	348	1274	288	288	1423.5	1379.5	1527	1423.5
BG90Z-../D..18.B.	542	322.5	348	1460.5	288	288	1610	1566	1713.5	1610
BG90-../D..20.A.	703.5	153	363	1452.5	280	280	1580	1498	1685.5	1452.5
BG90-../D..22.A.	703.5	153	363	1452.5	280	280	1580	1558	1685.5	1452.5
Dimensions in millimetres (mm)										

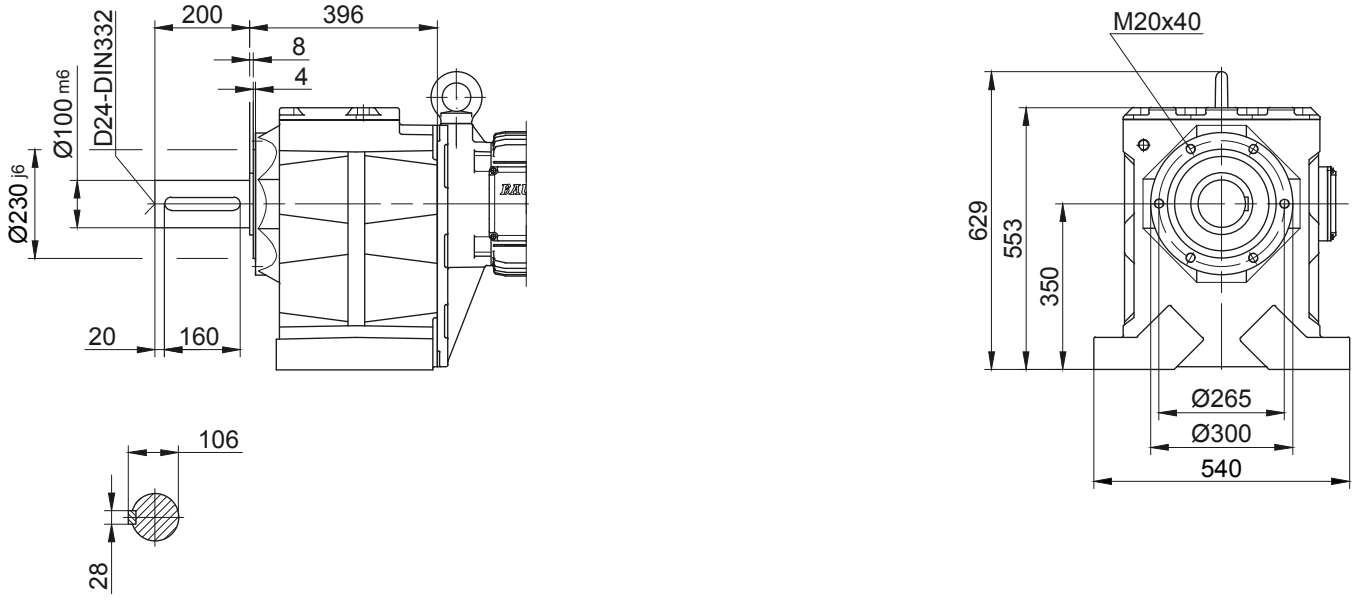
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG90 - BG90Z

Flange with clearance holes
Code -37/
(Code -47/)



Flange with tapped holes
Code -71/



10

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

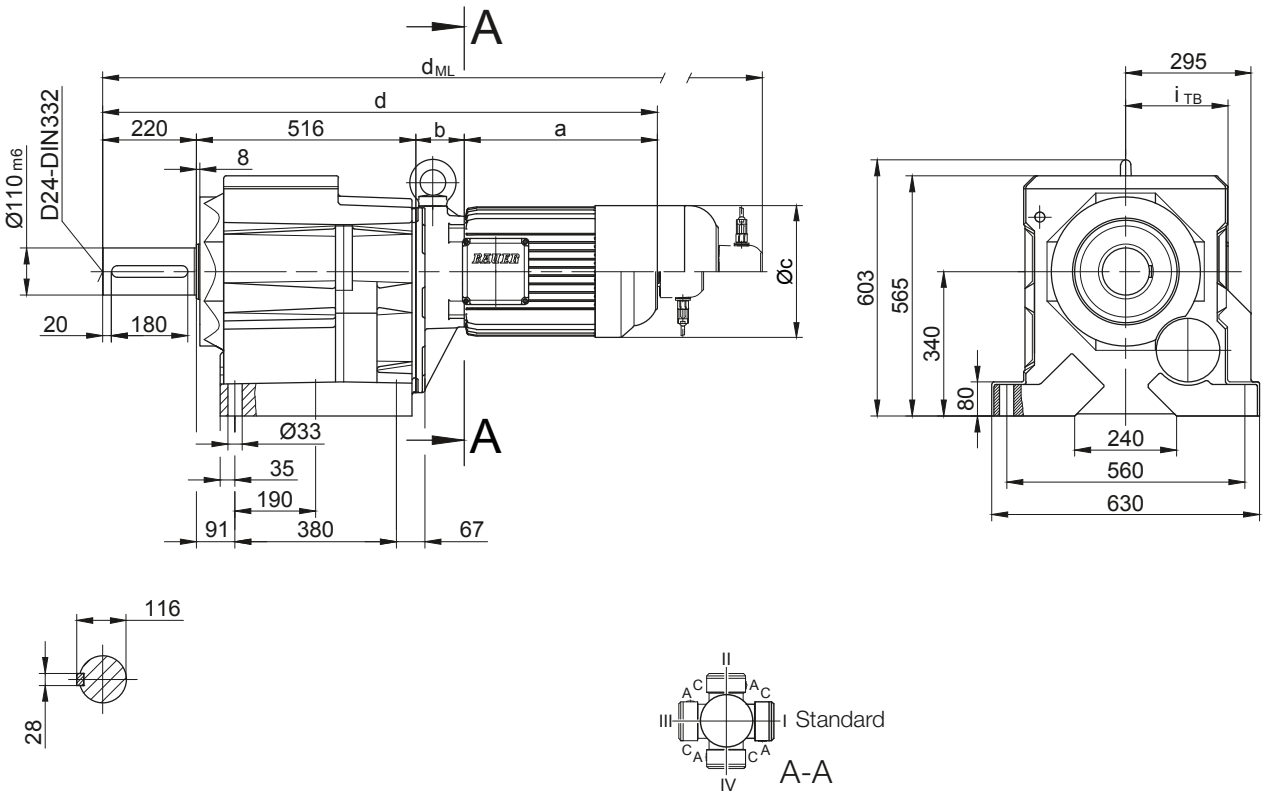
BG-series helical-geared motors

Dimension - Standard Metric

BG100 - BG100Z

Foot mounting with clearance holes

Code -11/



10

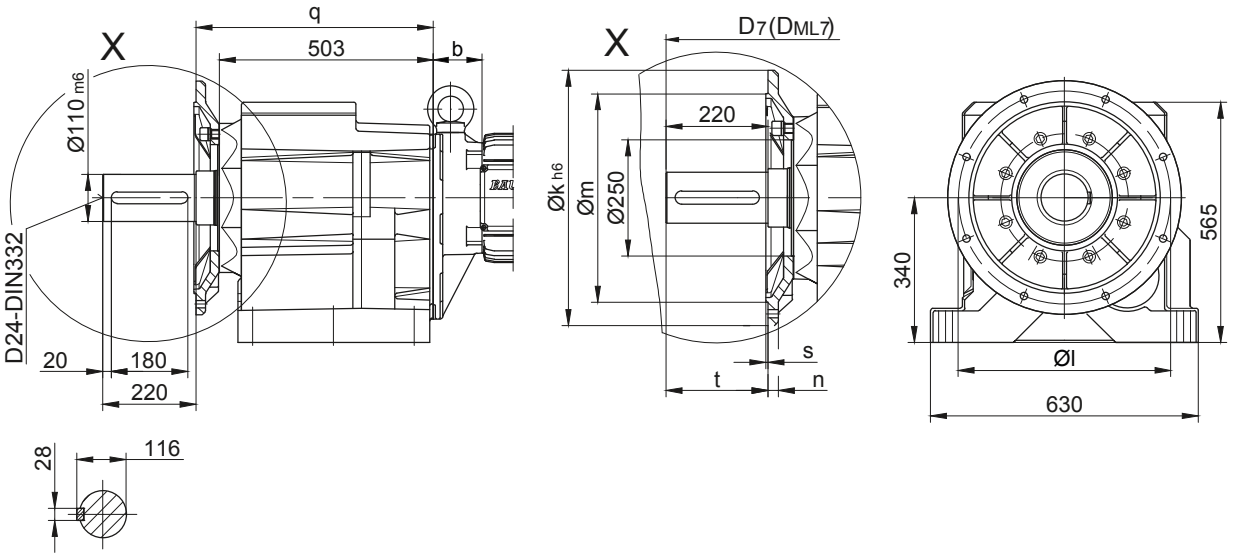
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG100..	Code -37/	550	500	450	22	17.5	558	5	220	d+42	d_{ML}+42
BG100..	Code -47/	660	600	550	25	22	552	6	226	d+42	d_{ML}+42
Dimensions in mm											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG100Z-../D..09.A.	250.5	252.5	176	1239	125,5	157	1332	1346.5	1436	1332
BG100Z-../D..09.B.	308.5	252.5	176	1297	125,5	157	1390	1404	1494	1390
BG100-../D..11.A.	319	87	218	1142	165	176	1240	1249.5	1342	1240
BG100Z-../D..11.A.	319	259	218	1314	165	176	1412	1421.5	1514	1412
BG100-../D..11.B.	387	87	218	1210	165	176	1306	1317.5	1410	1306
BG100Z-../D..11.B.	387	259	218	1382	165	176	1478	1489.5	1582	1478
BG100-../D..13.A.	393	100	258	1229	217	217	1340	1336	1441	1337
BG100Z-../D..13.A.	393	272	258	1401	217	217	1512	1508	1613	1509
BG100-../D..16.B.	454.5	114	310	1304.5	243	243	1448	1411.5	1551.5	1448
BG100Z-../D..16.B.	454.5	286	310	1476.5	243	243	1620	1583.5	1723.5	1620
BG100-../D..18.B.	542	136	348	1414	288	288	1470	1519.5	1573.5	1470
BG100Z-../D..18.B.	542	308	348	1586	288	288	1735.5	1691.5	1839	1735.5
BG100-../D..20.A.	703.5	153	363	1592.5	280	280	1720	1698	1825.5	1592.5
BG100-../D..22.A.	703.5	153	363	1592.5	280	280	1720	1698	1825.5	1592.5
Dimensions in millimetres (mm)										

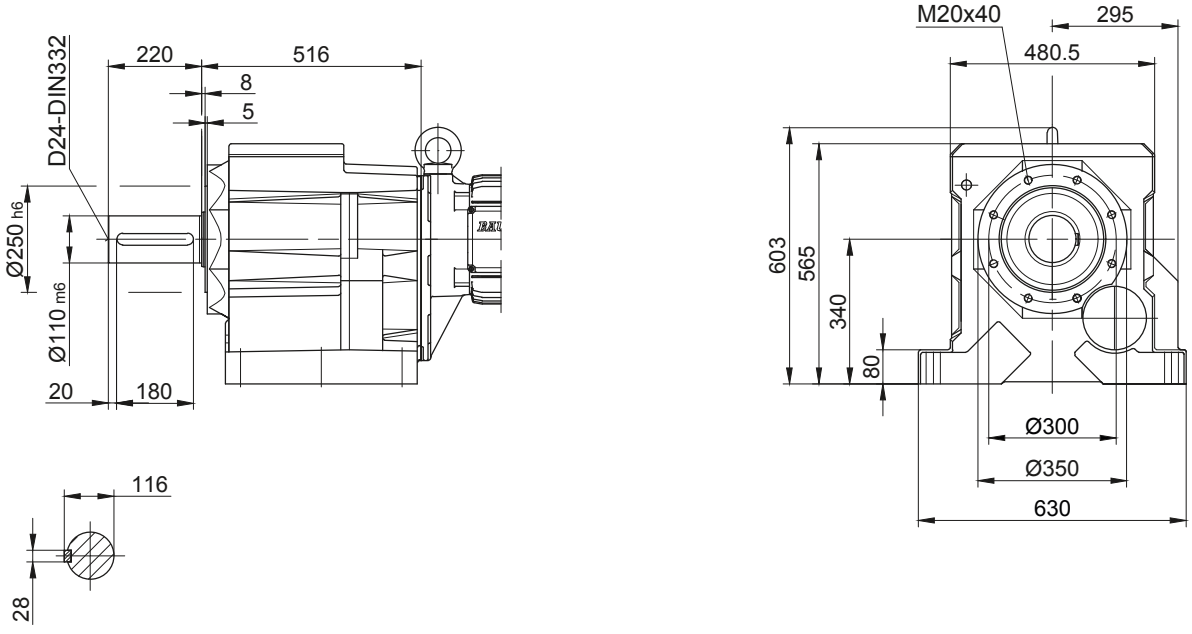
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG100 - BG100Z

Flange with clearance holes
Code -37/
(Code -47/)



Flange with tapped holes
Code -71/

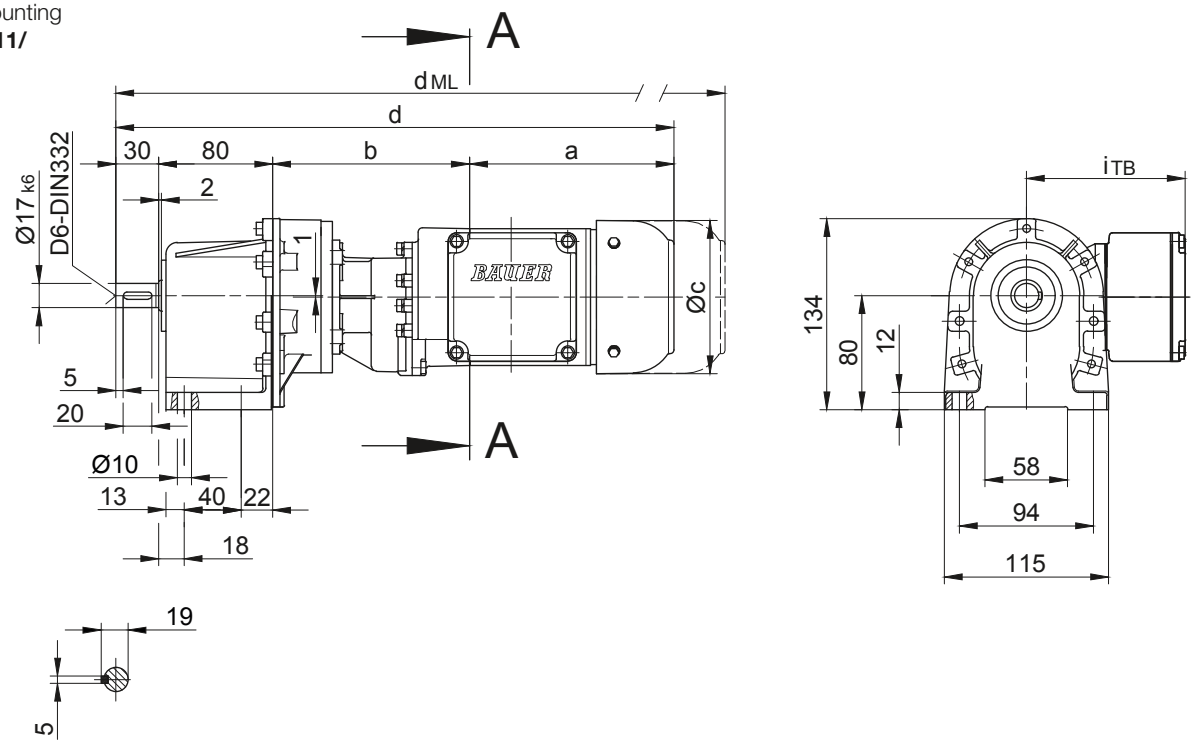


10

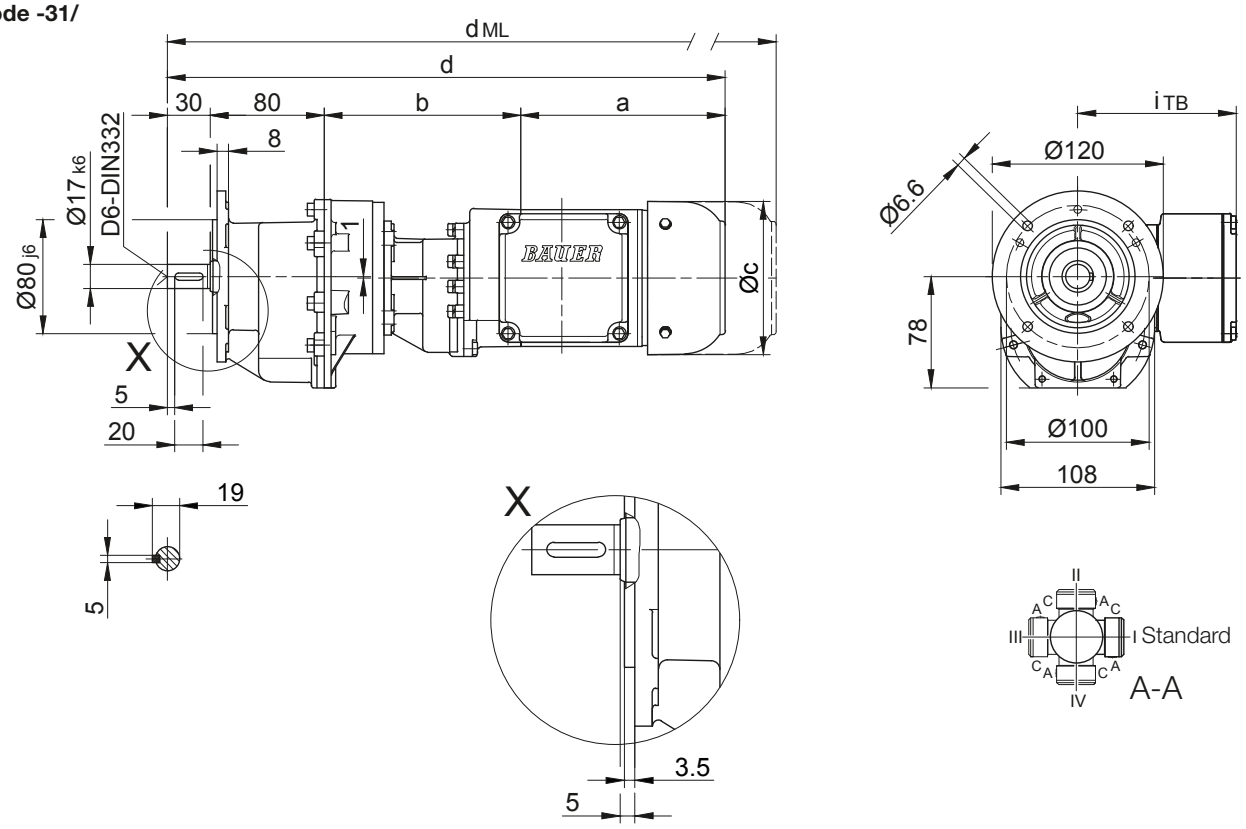
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG06G04

Foot mounting
Code -11/



Flange with clearance holes
Code -31/



Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG06G04-../D04.A.	142.5	134	110.5	386.5	90	112	430	474	517.5	-
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

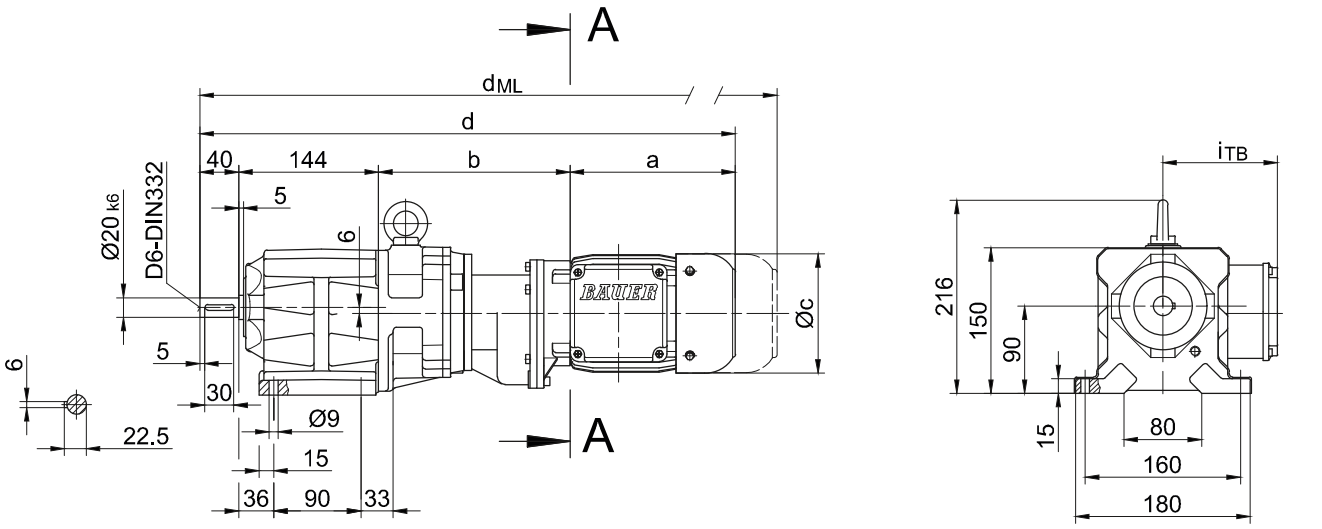
BG-series helical-geared motors

Dimension - Tandem Gearbox Metric

BG10G06

Foot mounting with clearance holes

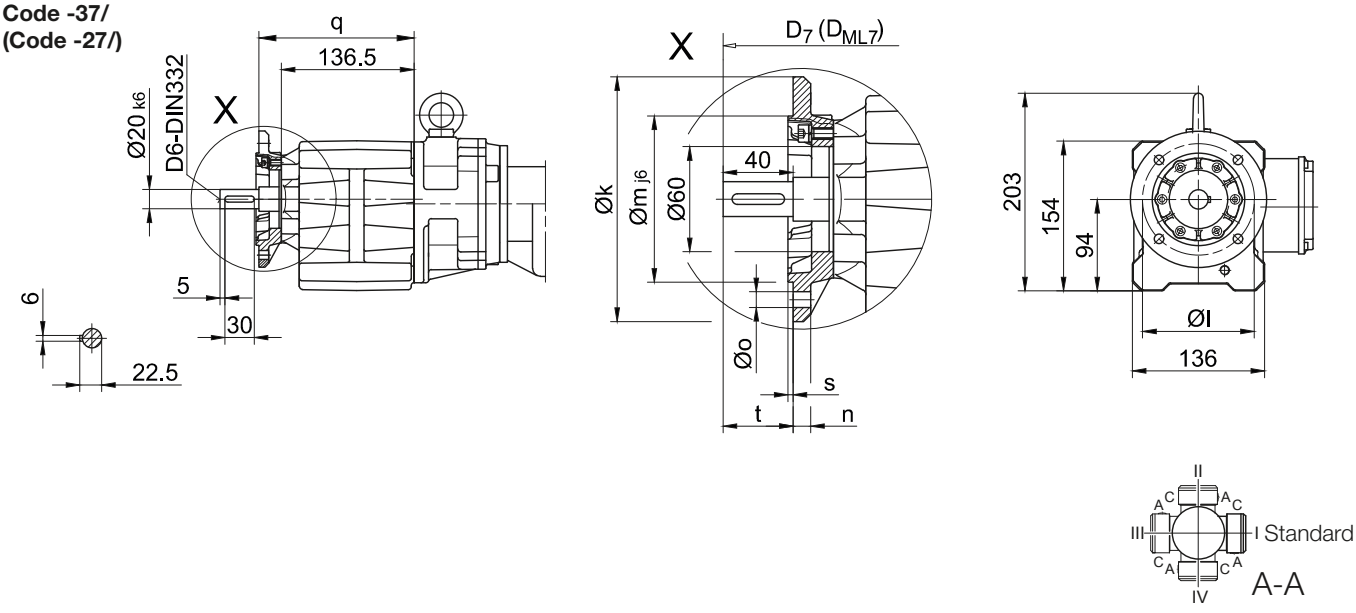
Code -11/



Flange with clearance holes

Code -37/

(Code -27/)



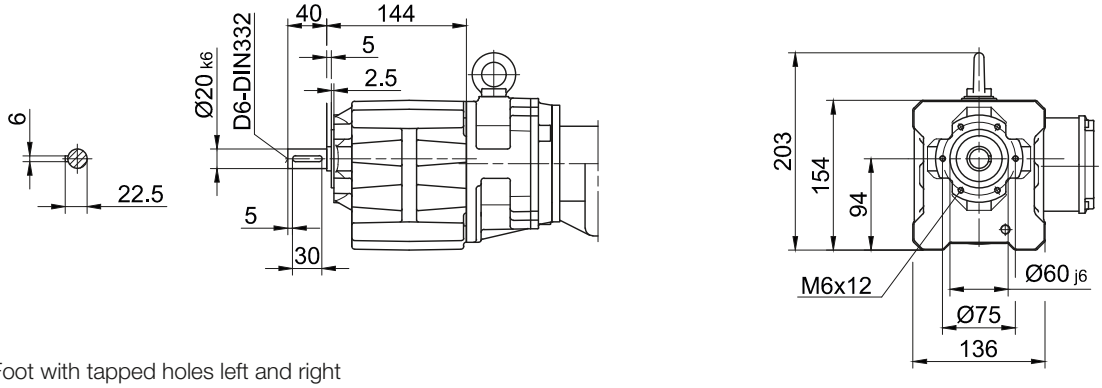
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10..	Code -37V/	140	115	95	10	9	159.5	3	40	d+15.5	d_{ML}+15.5
BG10..	Code -27V/	120	100	80	8	6.6	154.5	3	45	d+15.5	d_{ML}+15.5
Dimensions in millimetres (mm)											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10G06-../D04.A.	142.5	195	110.5	521.5	90	112	565	609	652.5	-
BG10G06-../D..05.A.	170.5	197	123	551.5	101,5	117	593.5	654	691.5	-
BG10G06-../D..06.A.	170.5	197	123	551.5	101,5	119	593.5	654	691.5	-
BG10G06-../D..07.A.	190.5	197	123	571.5	101,5	119	613.5	674	711.5	-
BG10G06-../D..08.A.	199.5	241	156	624.5	116	136.5	690.5	736.5	798	690.5
BG10G06-../D..08.B.	229.5	241	156	654.5	116	136.5	720.5	766.5	827.5	720.5
Dimensions in millimetres (mm)										

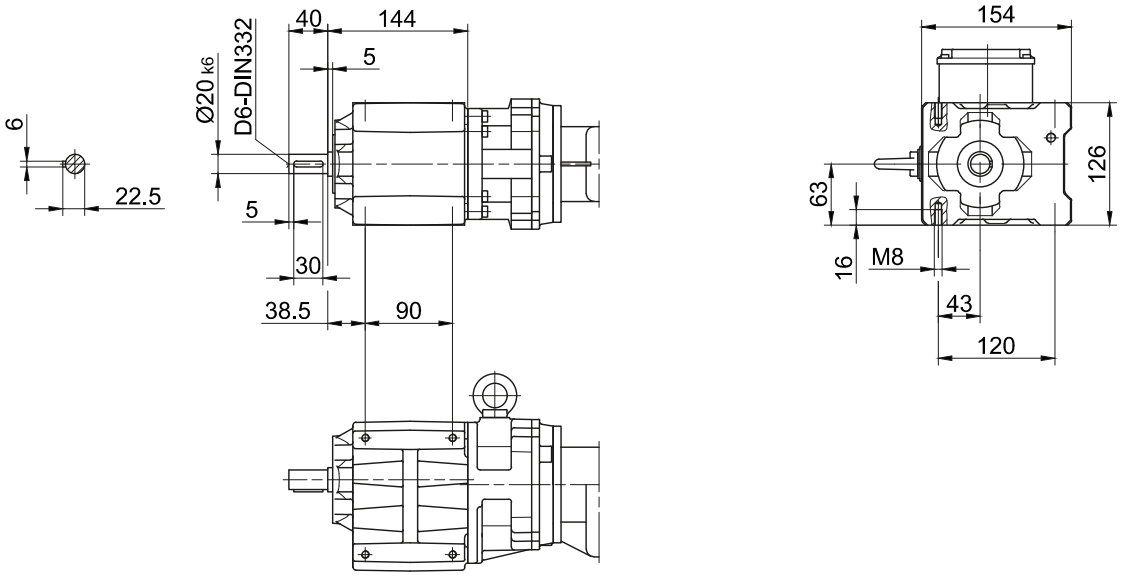
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10G06

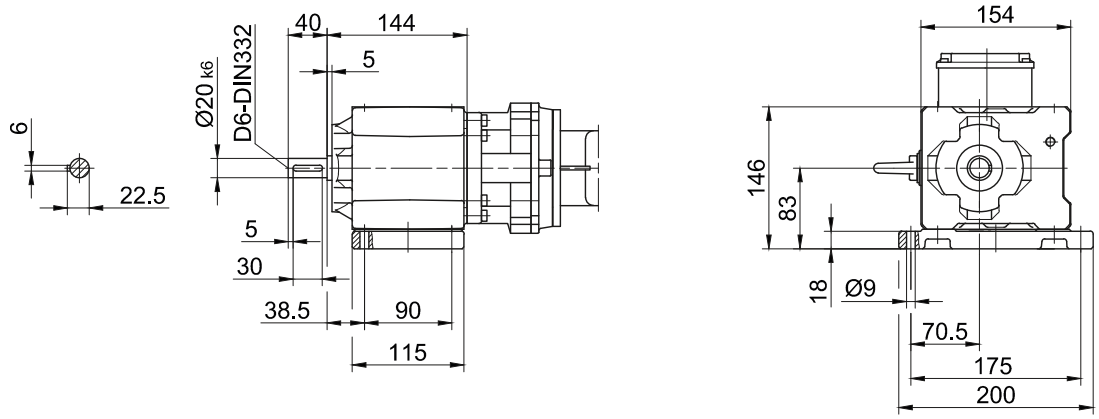
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



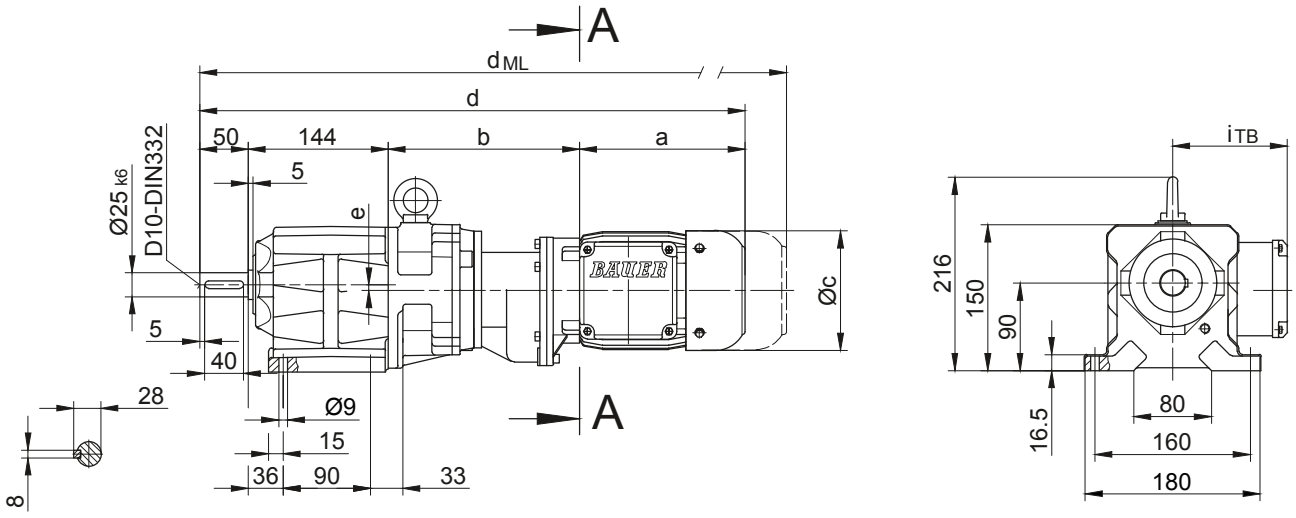
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

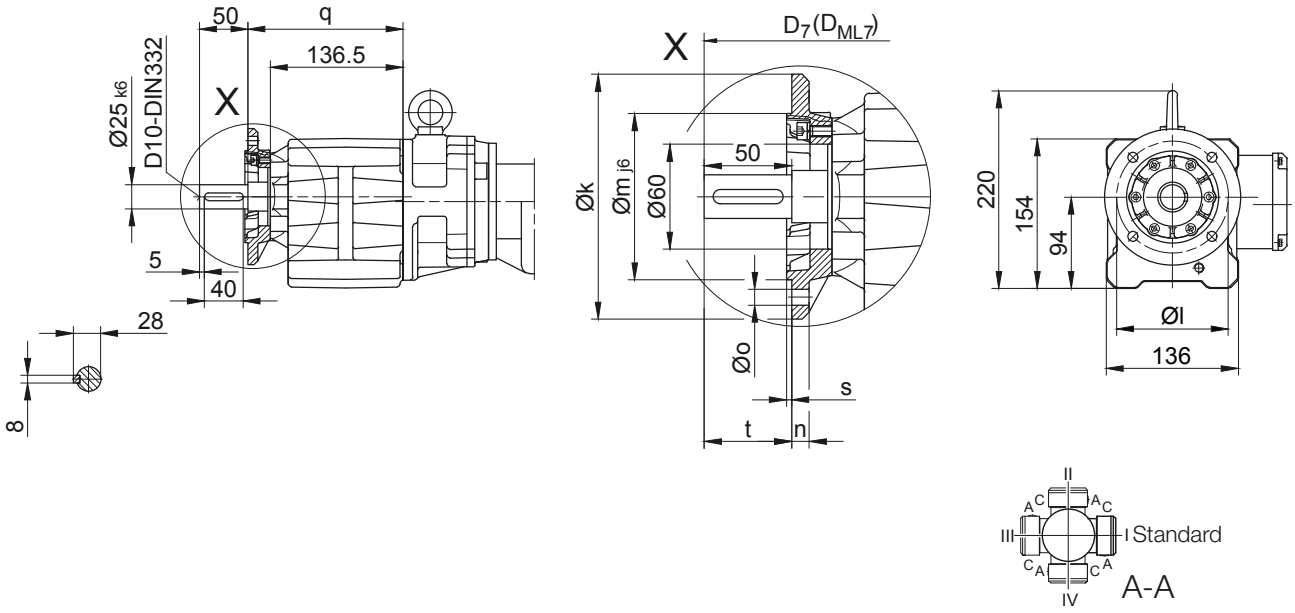
Dimension - Tandem Gearbox Metric

BG10XG06

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)



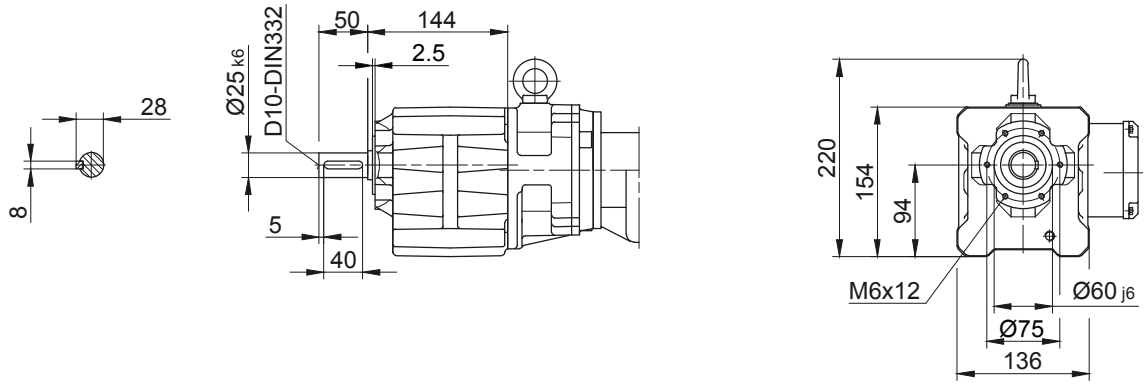
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG10X..	Code -37V/	140	115	95	10	9	159.5	3	50	d+15.5	d_{ML}+15.5
BG10X..	Code -27V/	120	100	80	8	6.6	154.5	3	55	d+15.5	d_{ML}+15.5
Dimensions in millimetres (mm)											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG10XG06-../D04.A.	142.5	195	110.5	531.5	90	112	575	619	662.5	-
BG10XG06-../D..05.A.	170.5	197	123	561.5	101,5	117	603.5	664	701.5	-
BG10XG06-../D..06.A.	170.5	197	123	561.5	101,5	119	603.5	664	701.5	-
BG10XG06-../D..07.A.	190.5	197	123	581.5	101,5	119	623.5	684	721.5	-
BG10XG06-../D..08.A.	199.5	241	156	634.5	116	136.5	700.5	746.5	808	700.5
BG10XG06-../D..08.B.	229.5	241	156	664.5	116	136.5	730.5	776.5	837.5	730.5
Dimensions in millimetres (mm)										

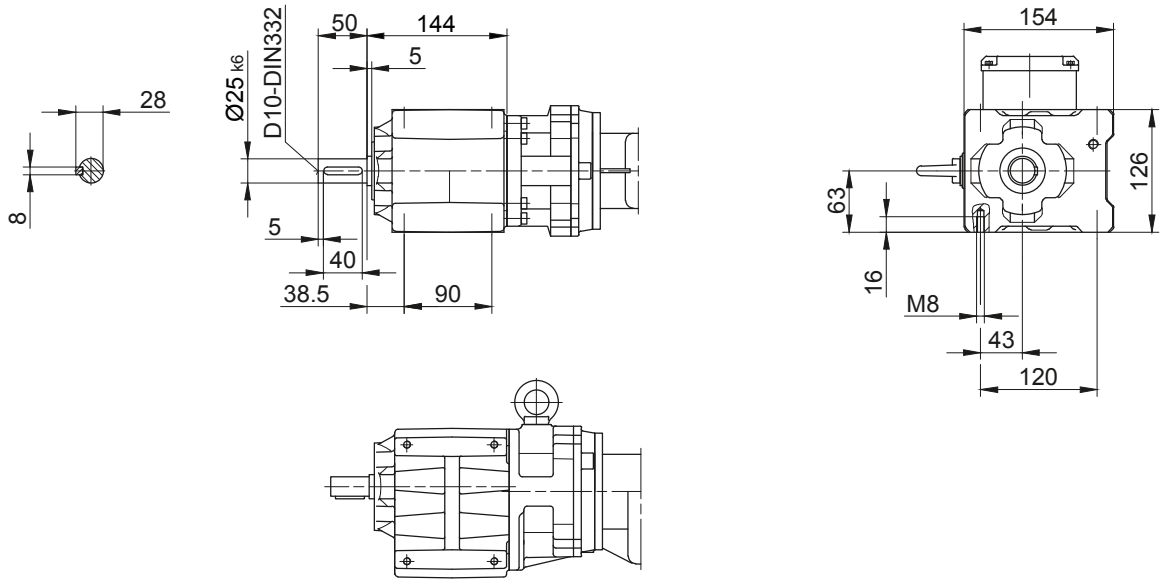
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG10XG06

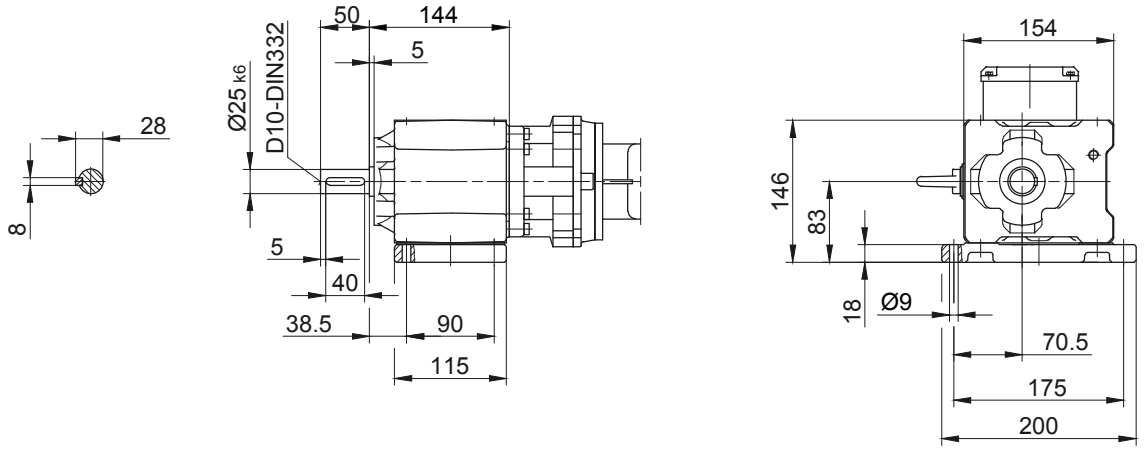
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



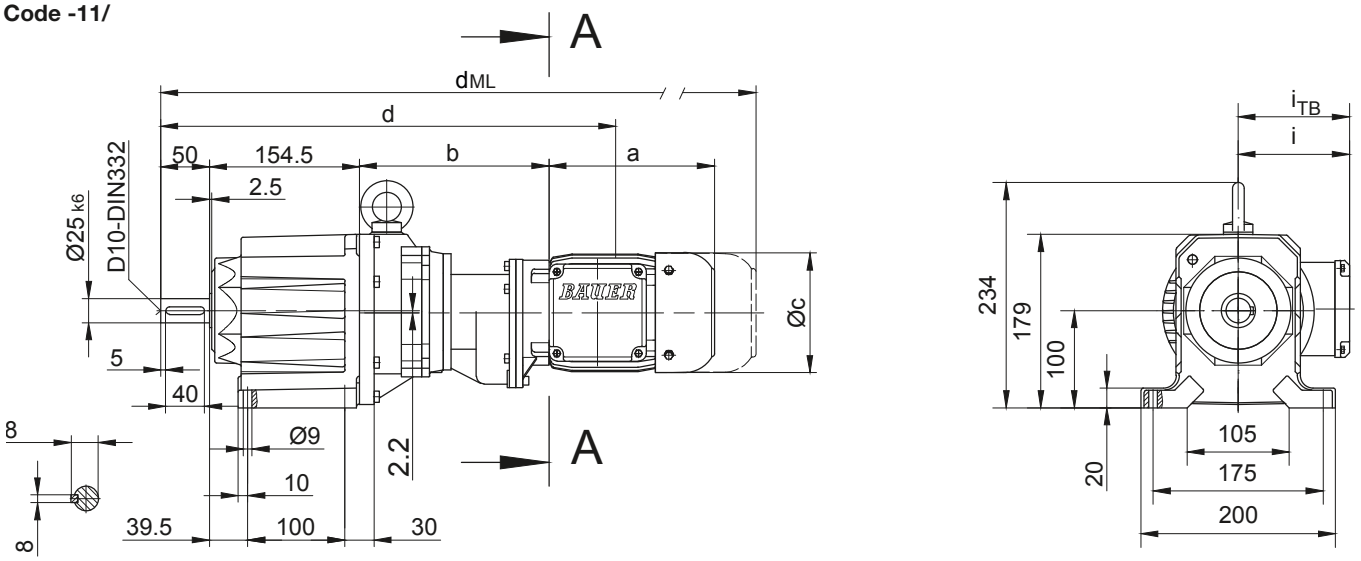
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

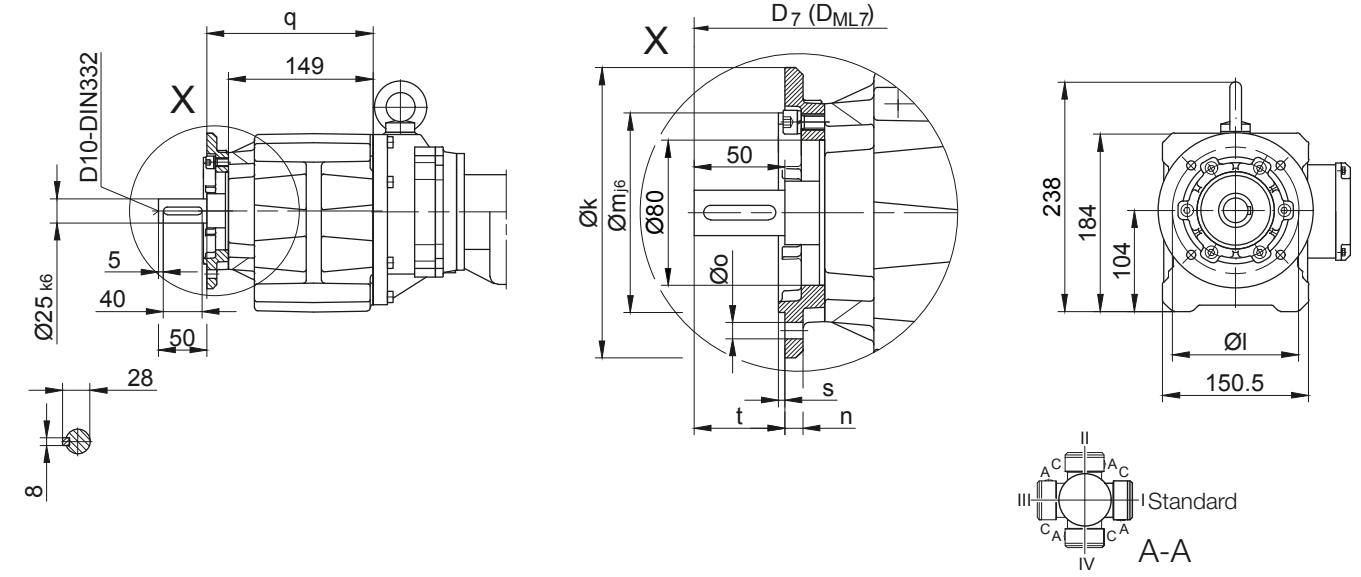
Dimension - Tandem Gearbox Metric

BG20G06

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -47/)



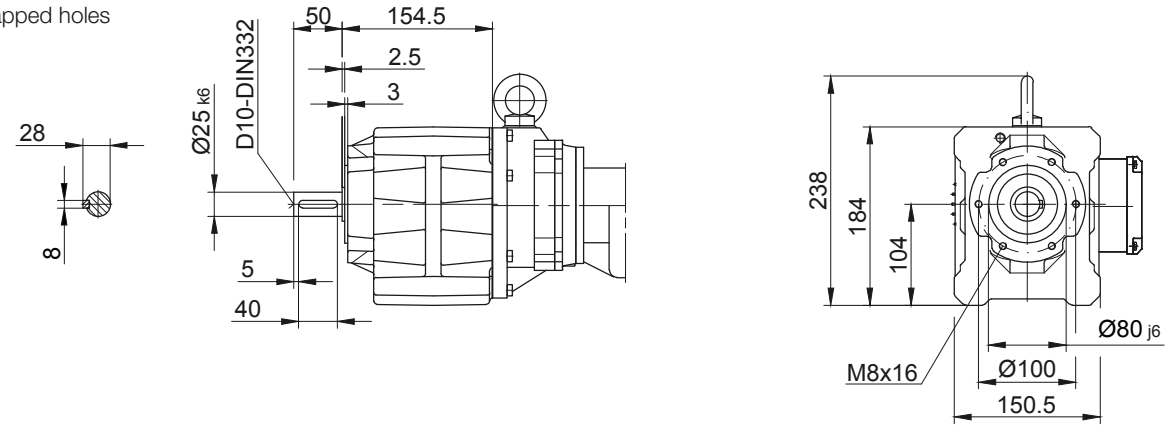
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG20..	Code -37V/	160	130	110	10	9	171	3.5	50	d+16.5	d_{ML}+16.5
BG20..	Code -47V/	200	165	130	12	11	178	3.5	43	d+16.5	d_{ML}+16.5
Dimensions in millimetres (mm)											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG20G06-../D04.A.	142.5	193	110.5	540	90	112	583.5	627.5	671	-
BG20G06-../D..05.A.	170.5	195	123	570	101,5	117	612	672.5	710	-
BG20G06-../D..06.A.	170.5	195	123	570	101,5	119	612	672.5	710	-
BG20G06-../D..07.A.	190.5	195	123	590	101,5	119	632	692.5	730	-
BG20G06-../D..08.A.	199.5	239	156	643	116	136.5	709	755	816.5	709
BG20G06-../D..08.B.	229.5	239	156	673	116	136.5	739	785	846	739
Dimensions in millimetres (mm)										

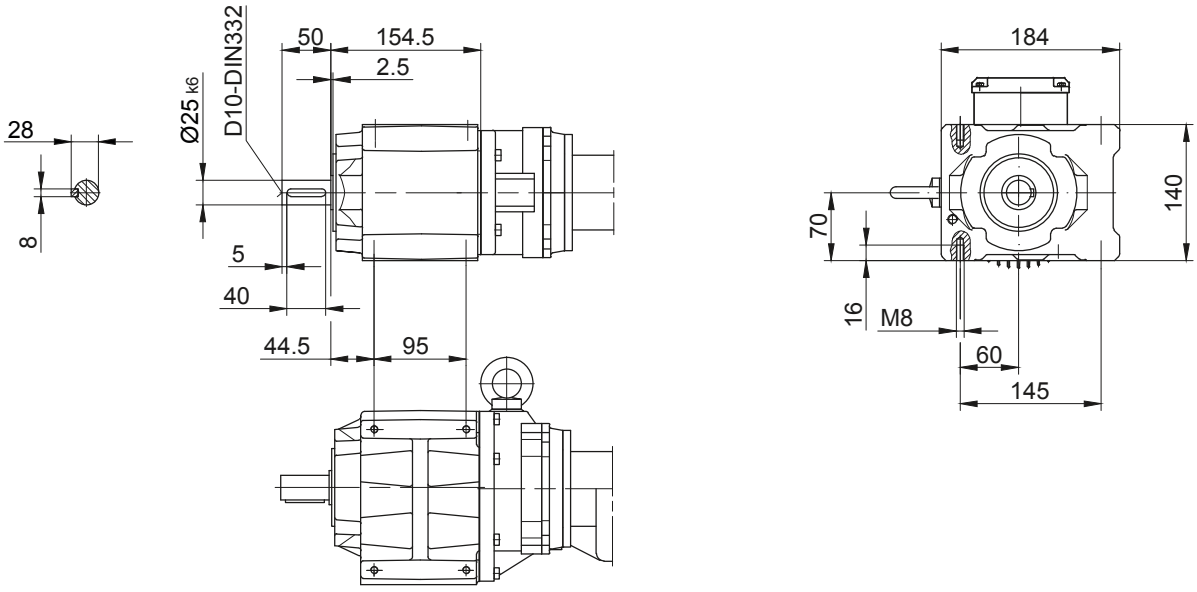
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG20G06

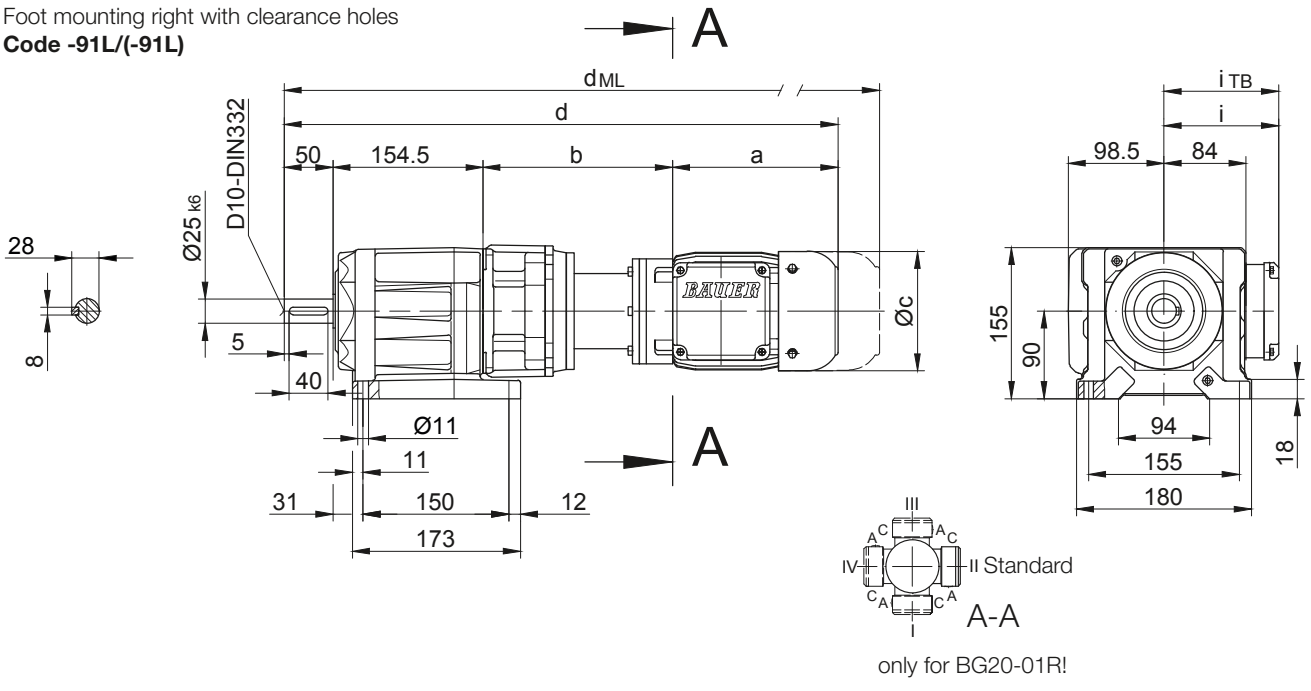
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot mounting right with clearance holes
Code -91L/(-91L)



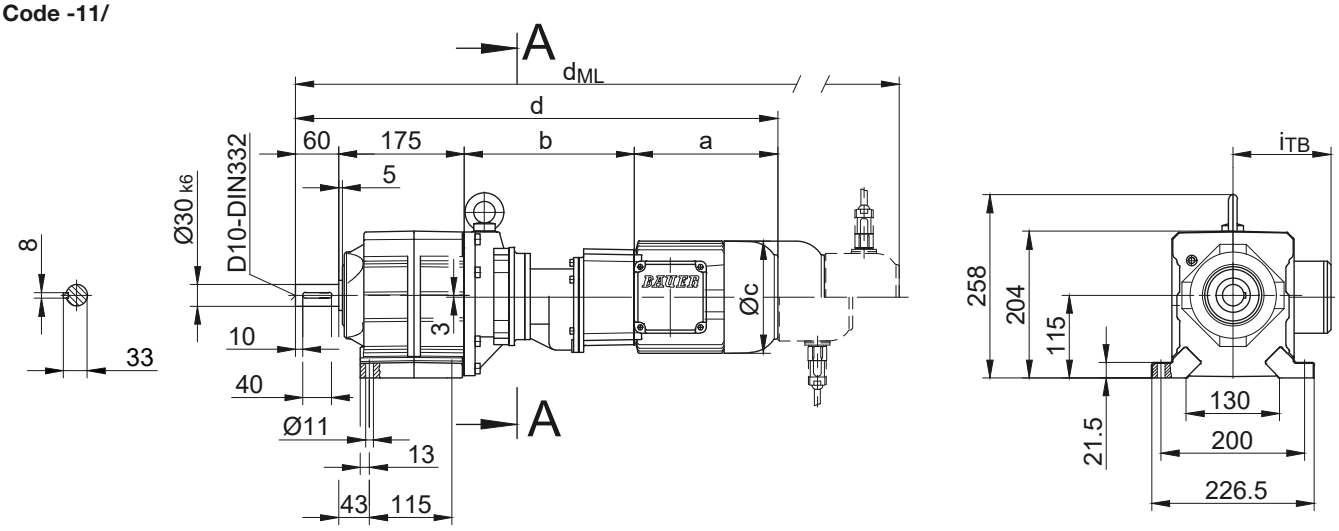
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

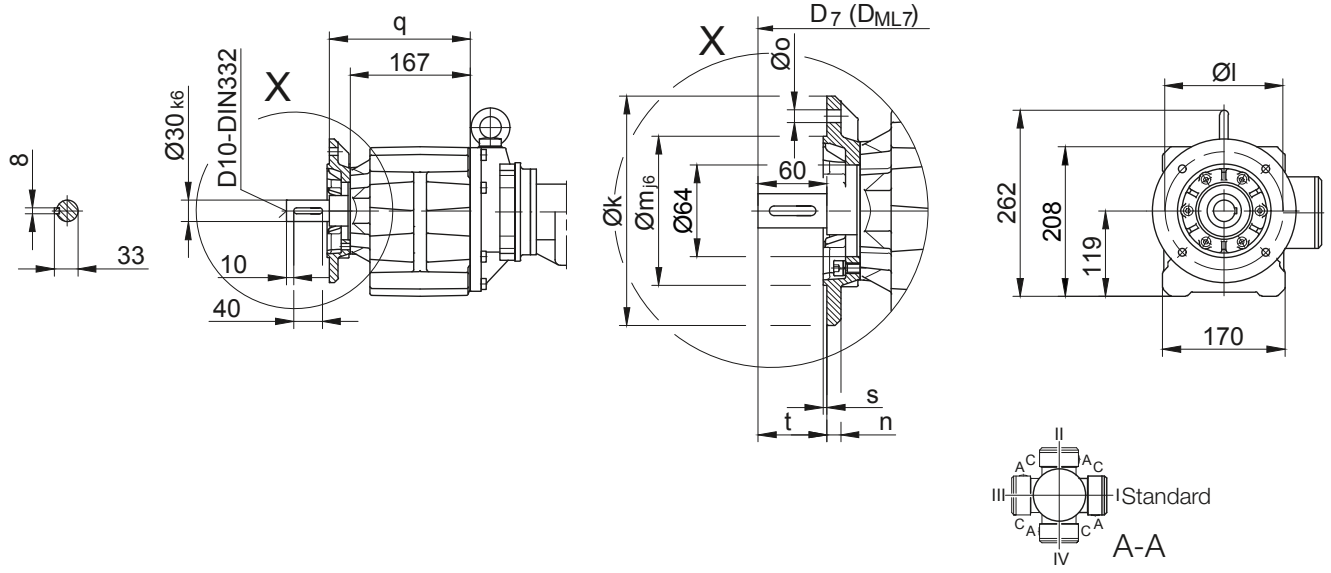
Dimension - Tandem Gearbox Metric

BG30G06

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)



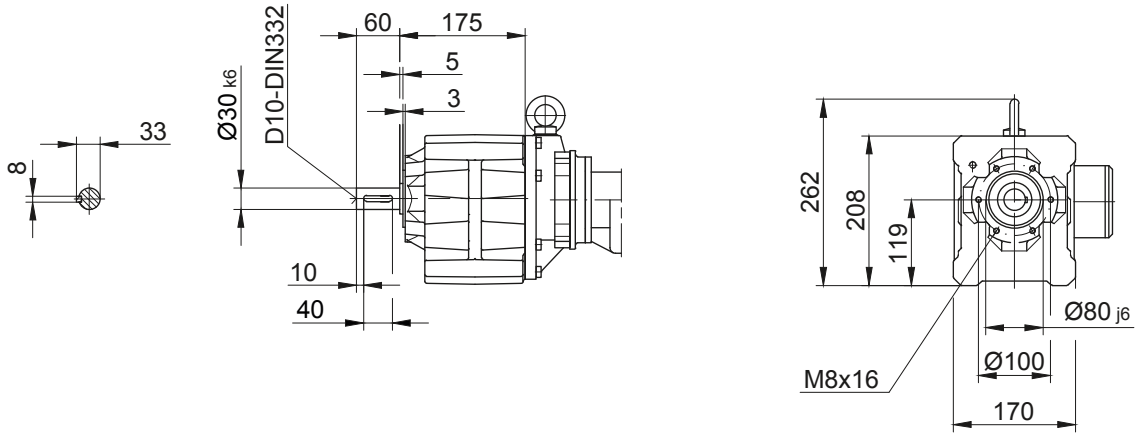
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG30..	Code -37/	200	165	130	12	11	196	3.5	60	d+21	d_{ML}+21
BG30..	Code -27/	160	130	110	10	9	189	3.5	67	d+21	d_{ML}+21
Dimensions in millimetres (mm)											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG30G06-../D04.A.	142.5	191	110.5	568.5	90	112	612	656	699.5	-
BG30G06-../D..05.A.	170.5	193	123	598.5	101,5	117	640.5	701	738.5	-
BG30G06-../D..06.A.	170.5	193	123	598.5	101,5	119	640.5	701	738.5	-
BG30G06-../D..07.A.	190.5	193	123	618.5	101,5	119	660.5	721	758.5	-
BG30G06-../D..08.A.	199.5	237	156	671.5	116	136.5	737.5	783.5	845	737.5
BG30G06-../D..08.B.	229.5	237	156	701.5	116	136.5	767.5	813.5	874.5	767.5
Dimensions in millimetres (mm)										

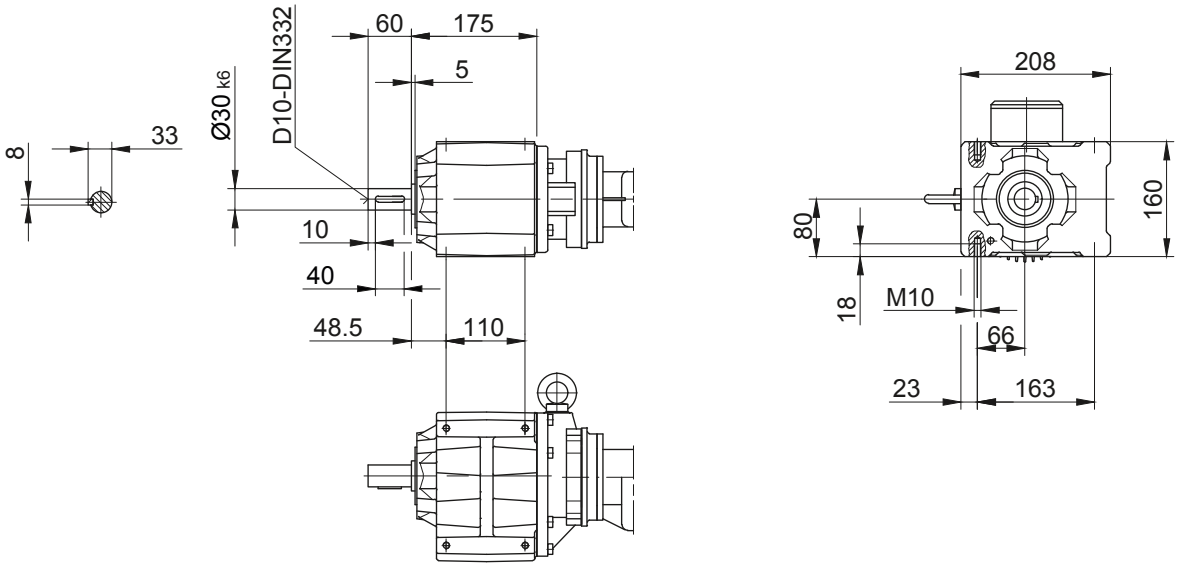
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG30G06

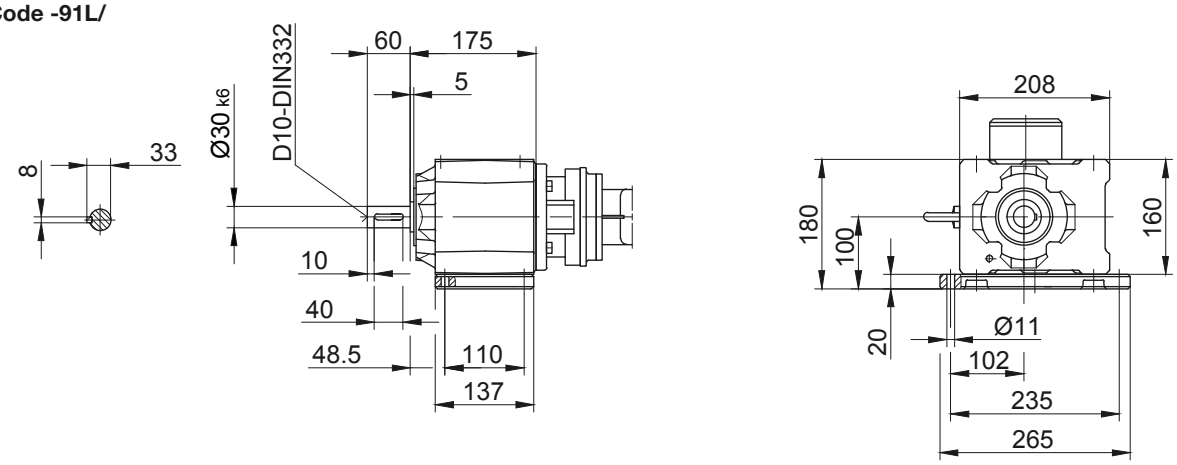
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

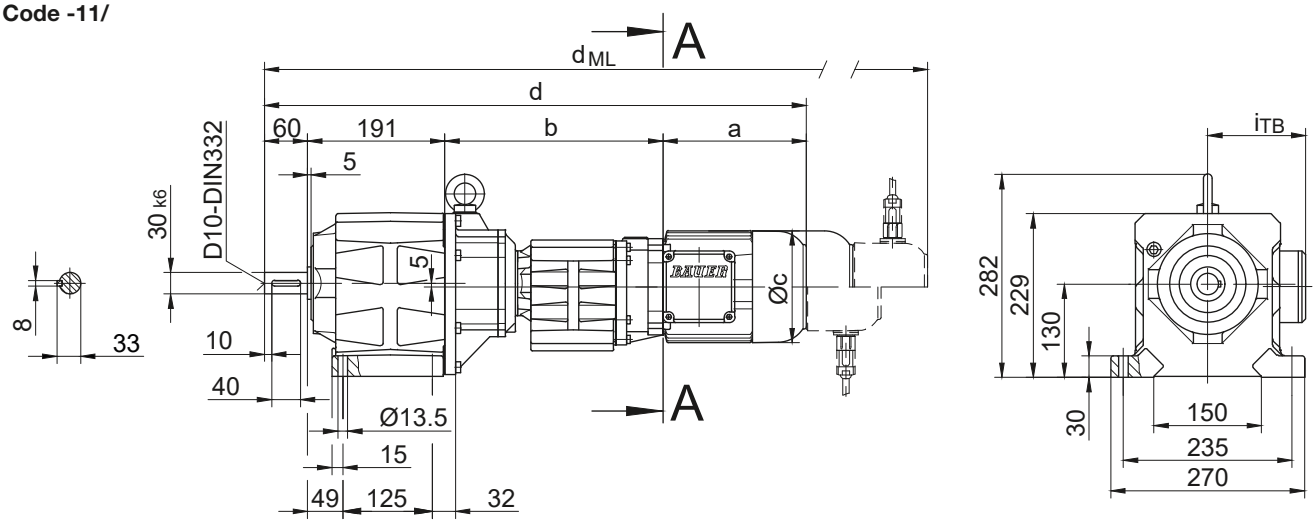
BG-series helical-geared motors

Dimension - Tandem Gearbox Metric

BG40G10

Foot mounting with clearance holes

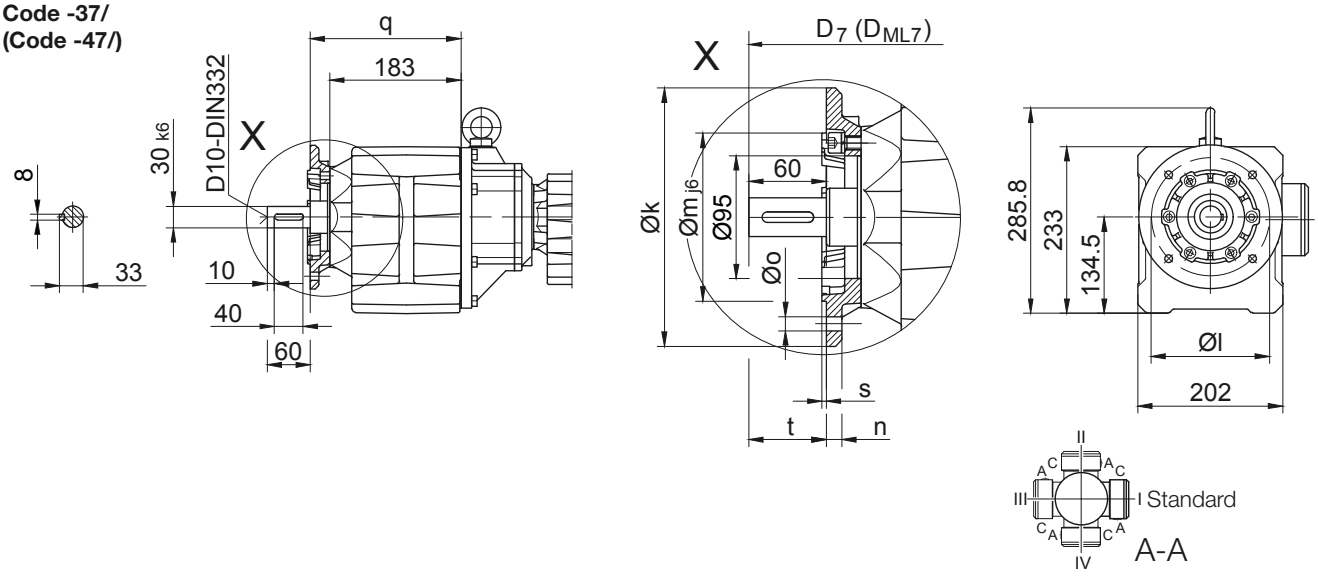
Code -11/



Flange with clearance holes

Code -37/

(Code -47/)



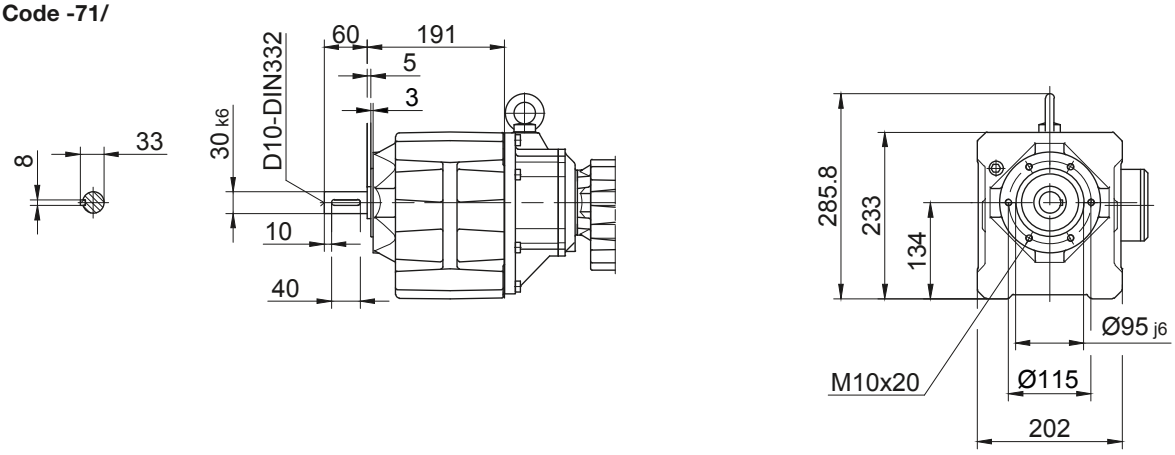
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG40..	Code -37/	200	165	130	12	11	210	3.5	60	d+19	d_{ML}+19
BG40..	Code -47/	250	215	180	16	13.5	219	4	51	d+19	d_{ML}+19
Dimensions in millimetres (mm)											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG40G10-../D..05.A.	170.5	300	123	721.5	101,5	117	763.5	824	861.5	-
BG40G10-../D..06.A.	170.5	300	123	721.5	101,5	119	763.5	824	861.5	-
BG40G10-../D..07.A.	190.5	300	123	741.5	101,5	119	783.5	844	881.5	-
BG40G10-../D..08.A.	199.5	304	156	754.5	116	136.5	820.5	866.5	928	820.5
BG40G10-../D..08.B.	229.5	304	156	784.5	116	136.5	850.5	896.5	957.5	850.5
BG40G10-../D..09.A.	250.5	318.5	176	820	125,5	157	913	927.5	1017	913
BG40G10-../D..09.B.	308.5	318.5	176	878	125,5	157	971	985	1075	971
Dimensions in millimetres (mm)										

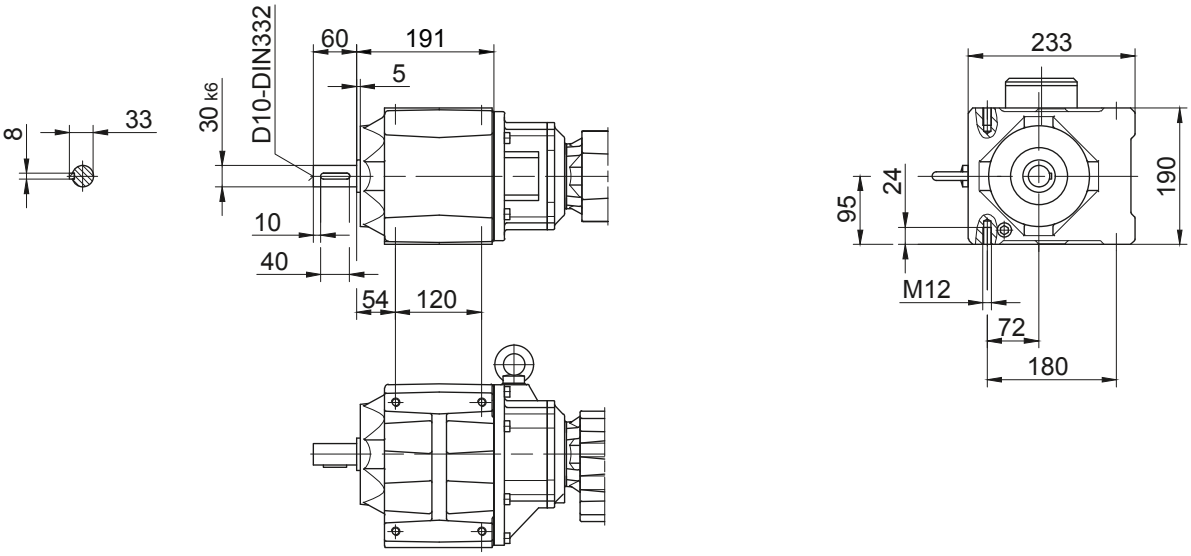
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG40G10

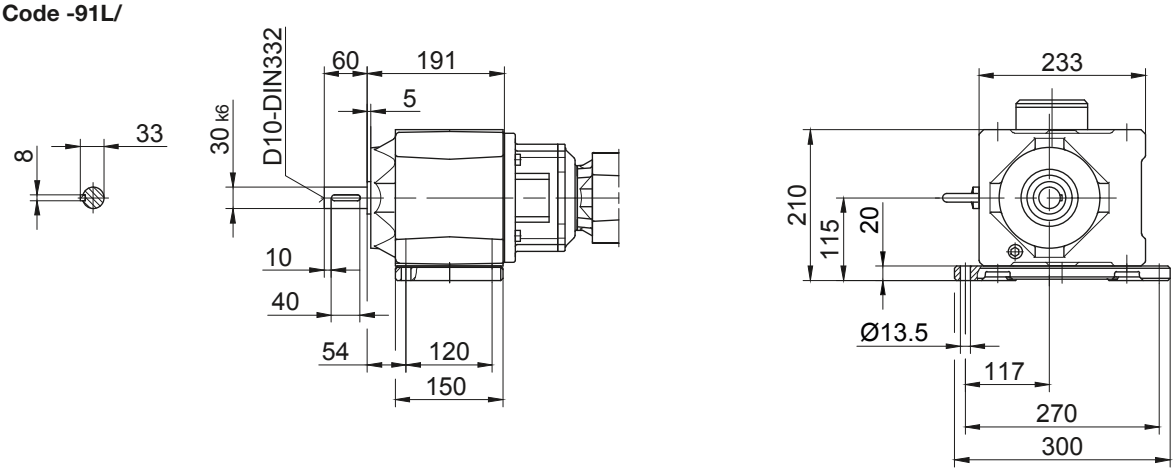
Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



Foot plate left
Code -91L/



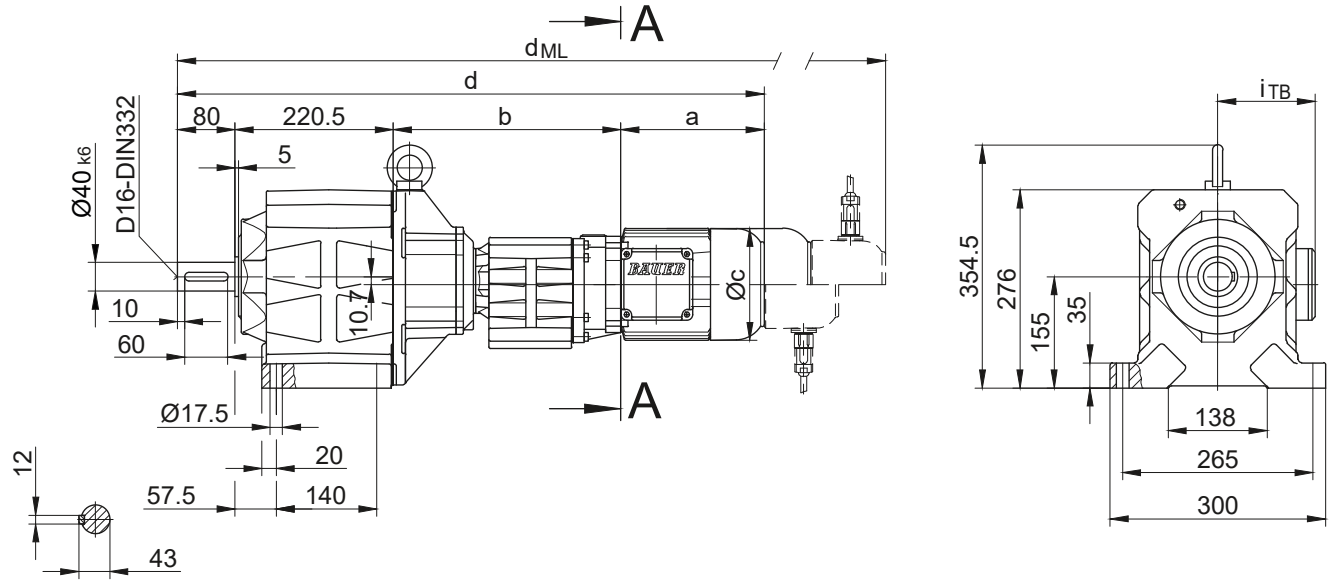
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

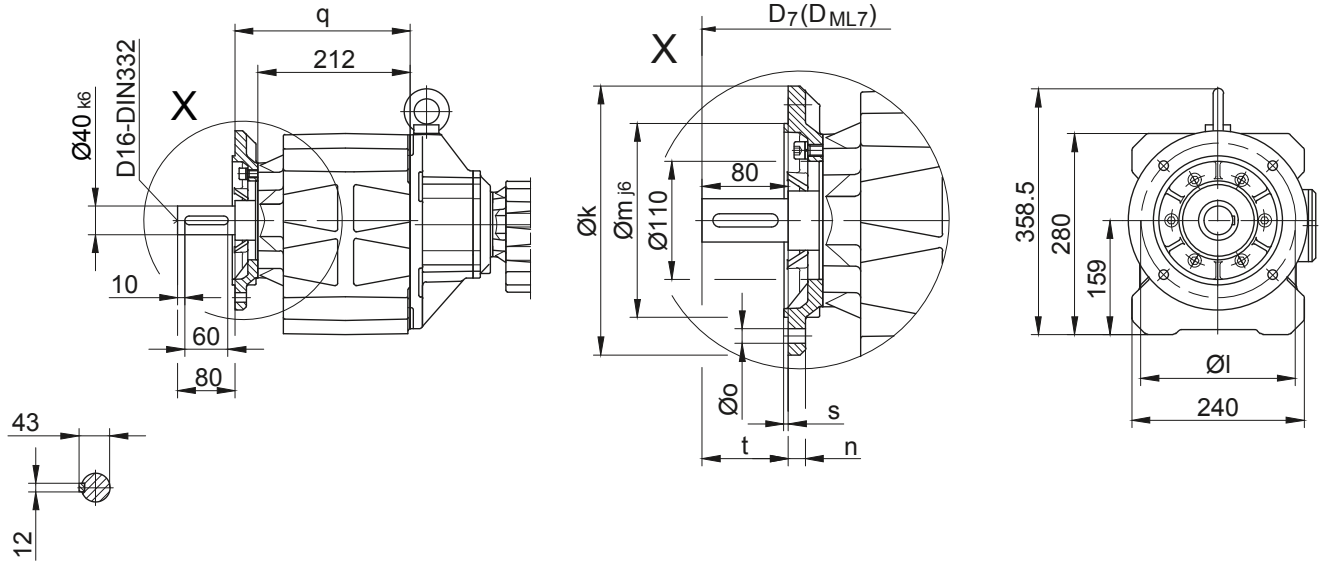
Dimension - Tandem Gearbox Metric

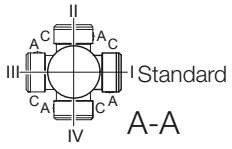
BG50G10

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)





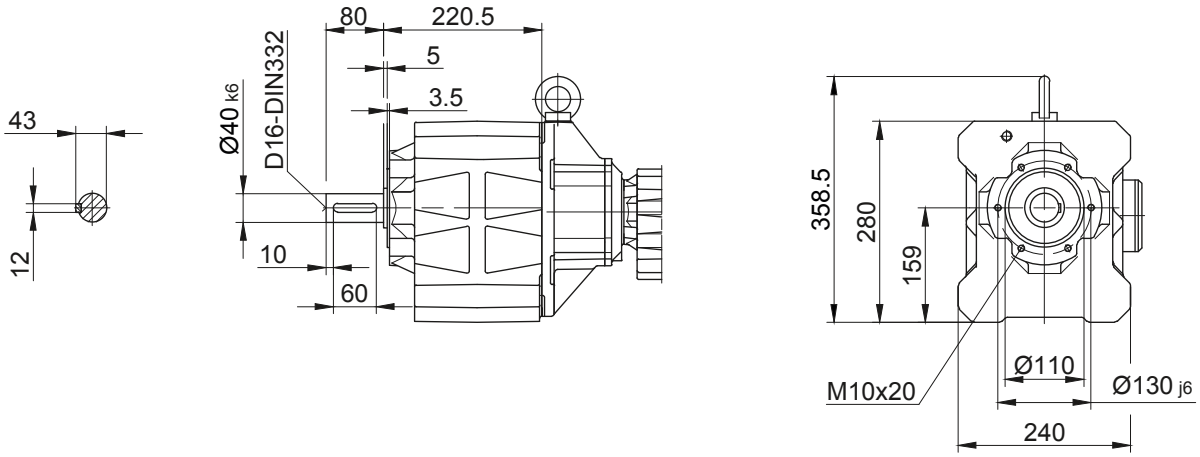
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG50..	Code -37/	250	215	180	16	13.5	244	4	80	d+23.5	d_{ML}+23.5
BG50..	Code -27/	200	165	130	12	11	241	3.5	83	d+23.5	d_{ML}+23.5
Dimensions in millimetres (mm)											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG50G10-../D..05.A.	170.5	313	123	784	101,5	117	826	886.5	924	-
BG50G10-../D..06.A.	170.5	313	123	784	101,5	119	826	886.5	924	-
BG50G10-../D..07.A.	190.5	313	123	804	101,5	119	846	906.5	944	-
BG50G10-../D..08.A.	199.5	317	156	817	116	136.5	883	929	990.5	883
BG50G10-../D..08.B.	229.5	317	156	847	116	136.5	913	959	1020	913
BG50G10-../D..09.A.	250.5	331.5	176	882.5	125,5	157	975.5	990	1079.5	975.5
BG50G10-../D..09.B.	308.5	331.5	176	940.5	125,5	157	1033.5	1047.5	1137.5	1033.5
Dimensions in millimetres (mm)										

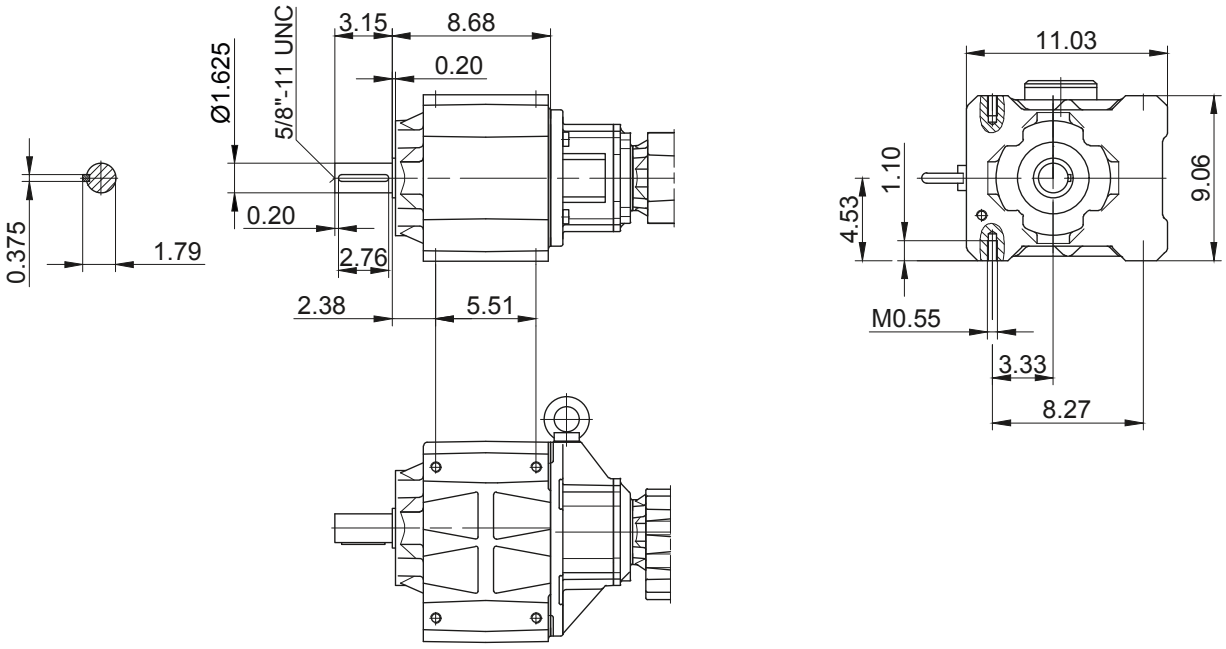
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG50G10

Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



10

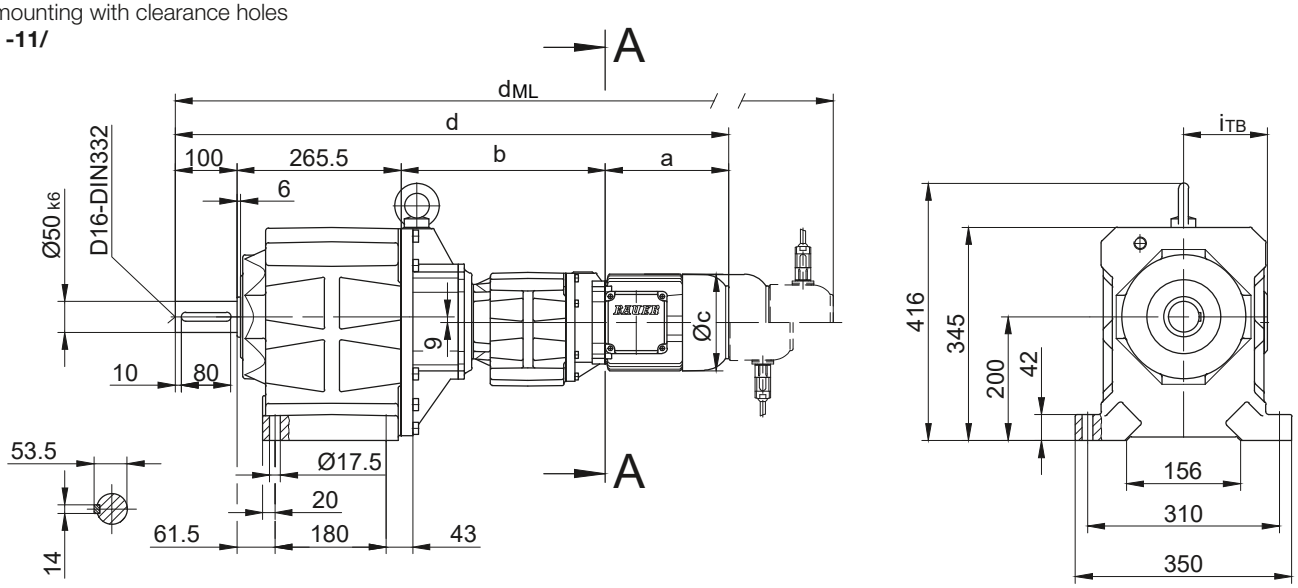
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

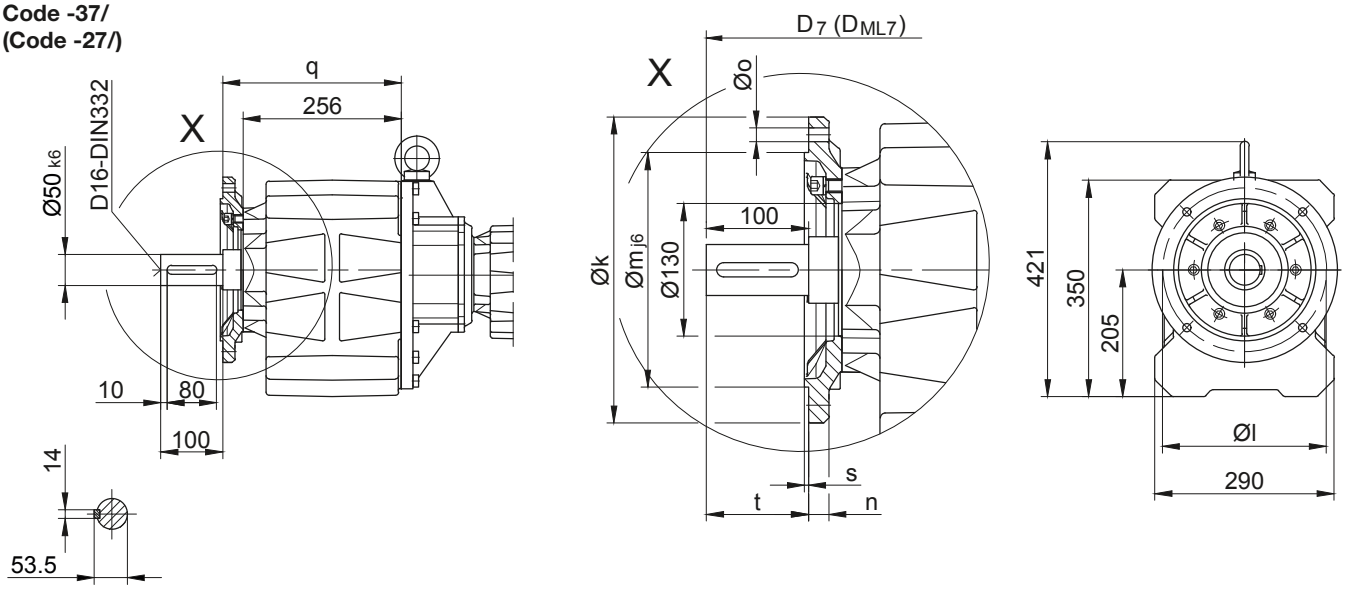
Dimension - Tandem Gearbox Metric

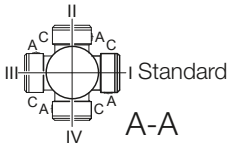
BG60G20

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)





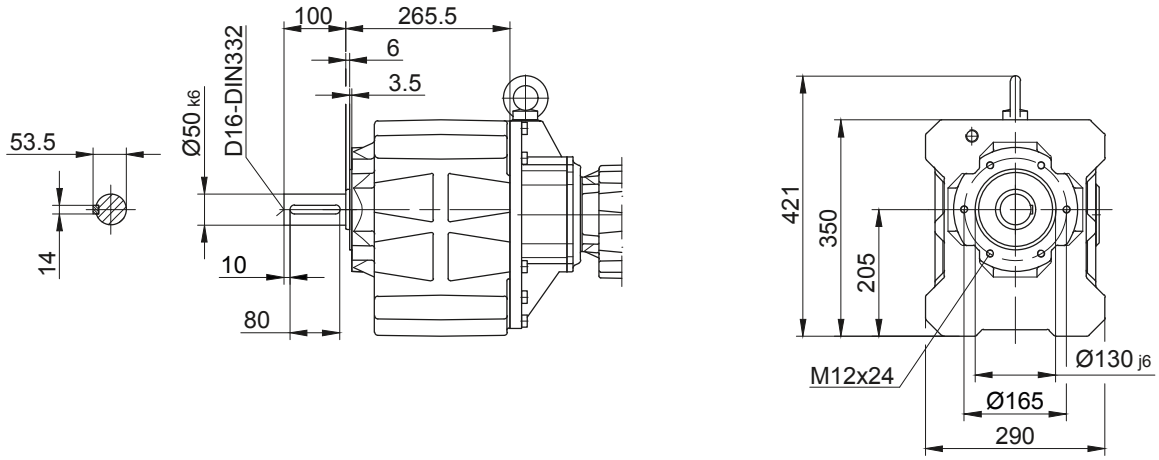
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG60..	Code -37/	300	265	230	20	13.5	289	4	100	d+23.5	d_{ML}+23.5
BG60..	Code -27/	250	215	180	16	13.5	286	4	103	d+23.5	d_{ML}+23.5
Dimensions in millimetres (mm)											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG60G20-../D..05.A.	170.5	326	123	862	101,5	117	904	964.5	1002	-
BG60G20-../D..06.A.	170.5	326	123	862	101,5	119	904	964.5	1002	-
BG60G20-../D..07.A.	190.5	326	123	882	101,5	119	924	984.5	1022	-
BG60G20-../D..08.A.	199.5	330	156	895	116	136.5	961	1007	1068.5	961
BG60G20-../D..08.B.	229.5	330	156	925	116	136.5	991	1037	1098	991
BG60G20-../D..09.A.	250.5	344.5	176	960.5	125,5	157	1053.5	1068	1157.5	1053.5
BG60G20-../D..09.B.	308.5	344.5	176	1018.5	125,5	157	1111.5	1125.5	1215.5	1111.5
Dimensions in millimetres (mm)										

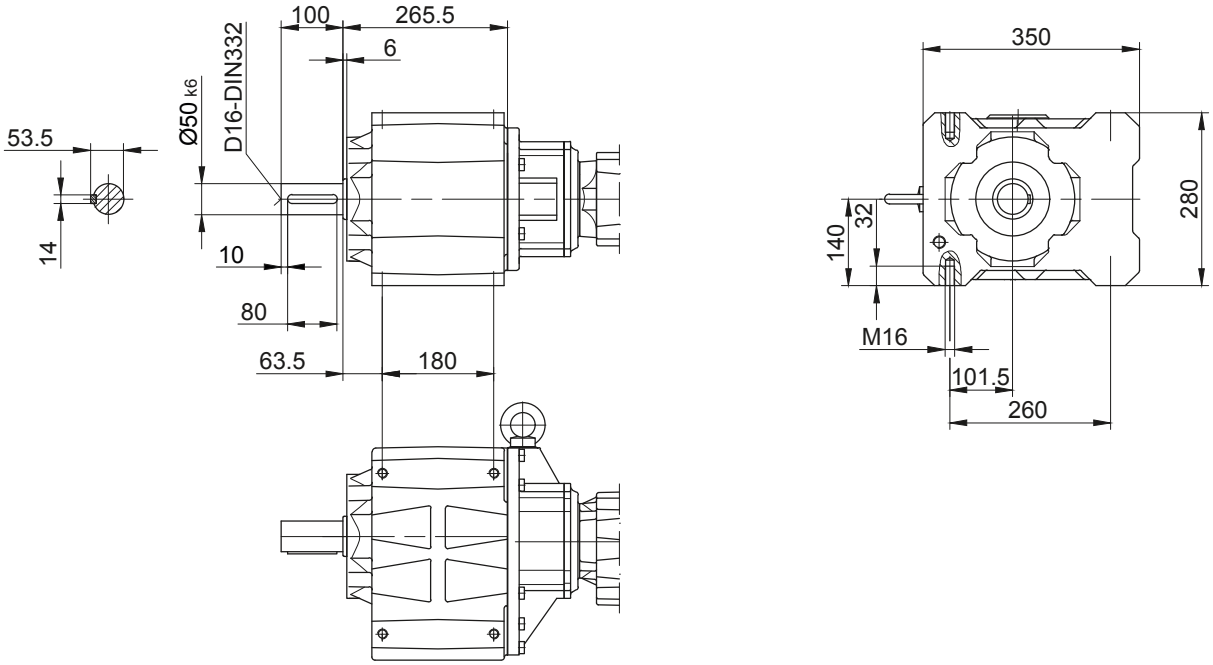
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG60G20

Flange with tapped holes
Code -71/



Foot with tapped holes left and right
Code -61LR/



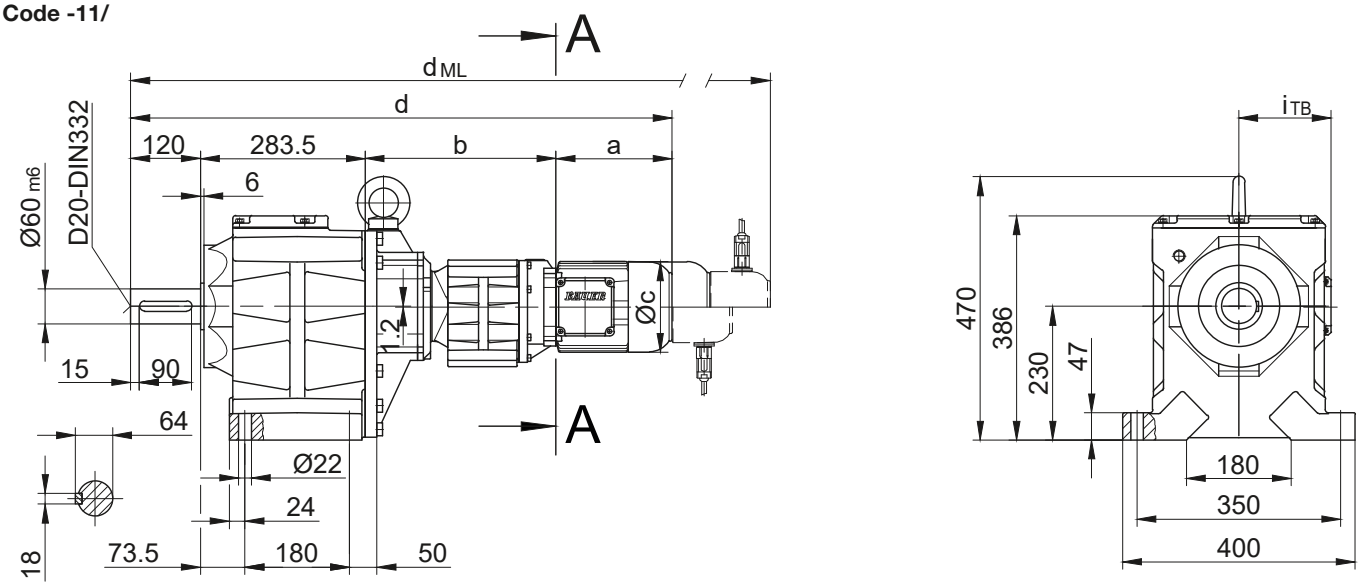
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

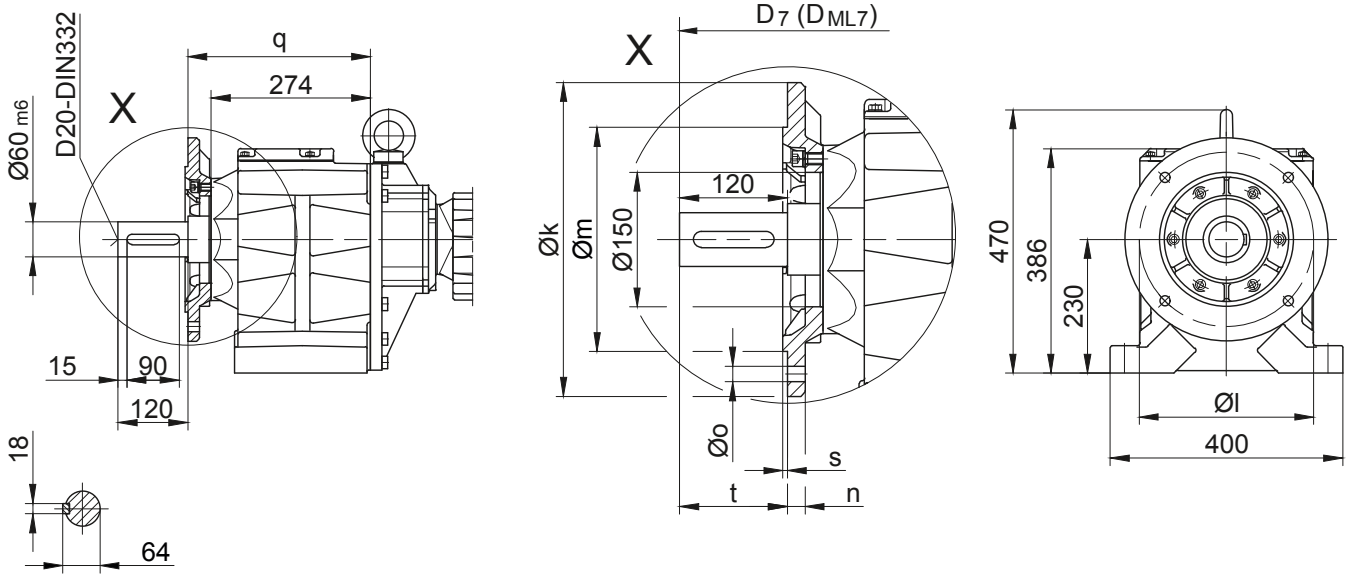
Dimension - Tandem Gearbox Metric

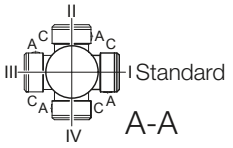
BG70G20

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)





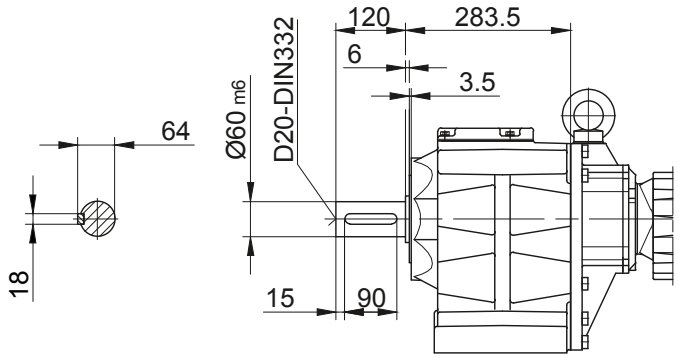
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG70..	Code -37/	350	300	250	20	17.5	314	5	120	d+30.5	d_{ML}+30.5
BG70..	Code -27/	300	265	230	20	13.5	322	4	112	d+30.5	d_{ML}+30.5
Dimensions in millimetres (mm)											

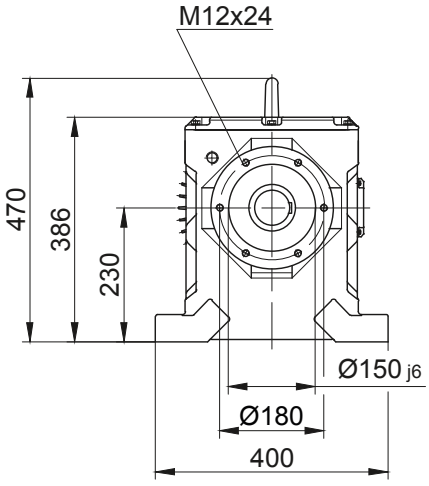
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG70G20-../D..05.A.	170.5	324	123	898	101,5	117	940	1000.5	1038	-
BG70G20-../D..06.A.	170.5	324	123	898	101,5	119	940	1000.5	1038	-
BG70G20-../D..07.A.	190.5	324	123	918	101,5	119	960	1020.5	1058	-
BG70G20-../D..08.A.	199.5	328	156	931	116	136.5	997	1043	1104.5	997
BG70G20-../D..08.B.	229.5	328	156	961	116	136.5	1027	1073	1134	1027
BG70G20-../D..09.A.	250.5	342.5	176	996.5	125,5	157	1089.5	1104	1193.5	1089.5
BG70G20-../D..09.B.	308.5	342.5	176	1054.5	125,5	157	1147.5	1161.5	1251.5	1147.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG70G20

Flange with tapped holes
Code -71/





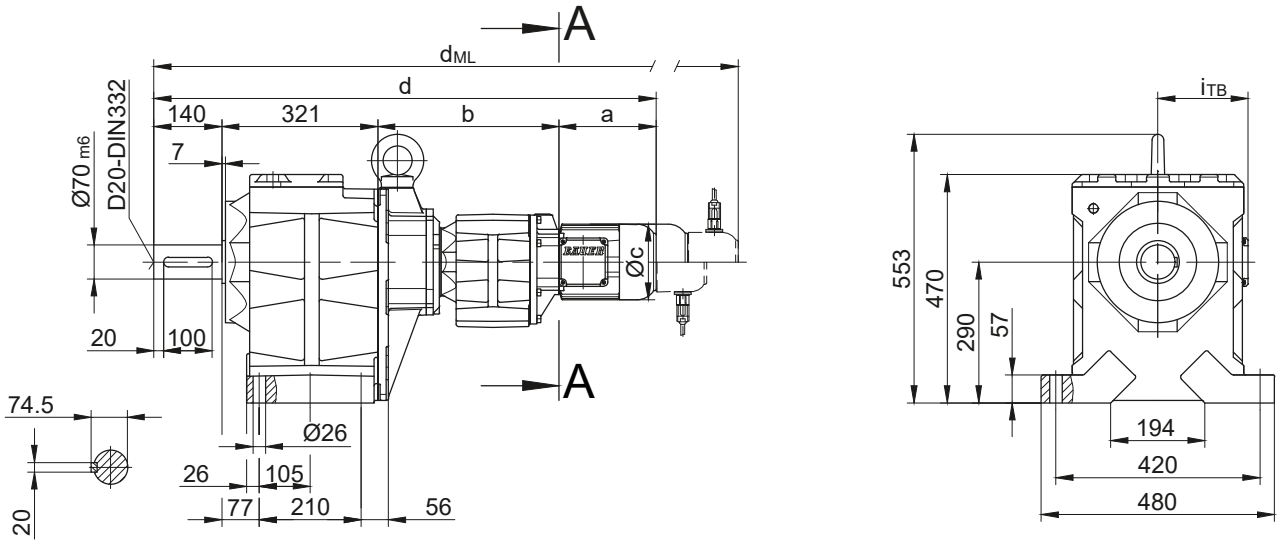
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

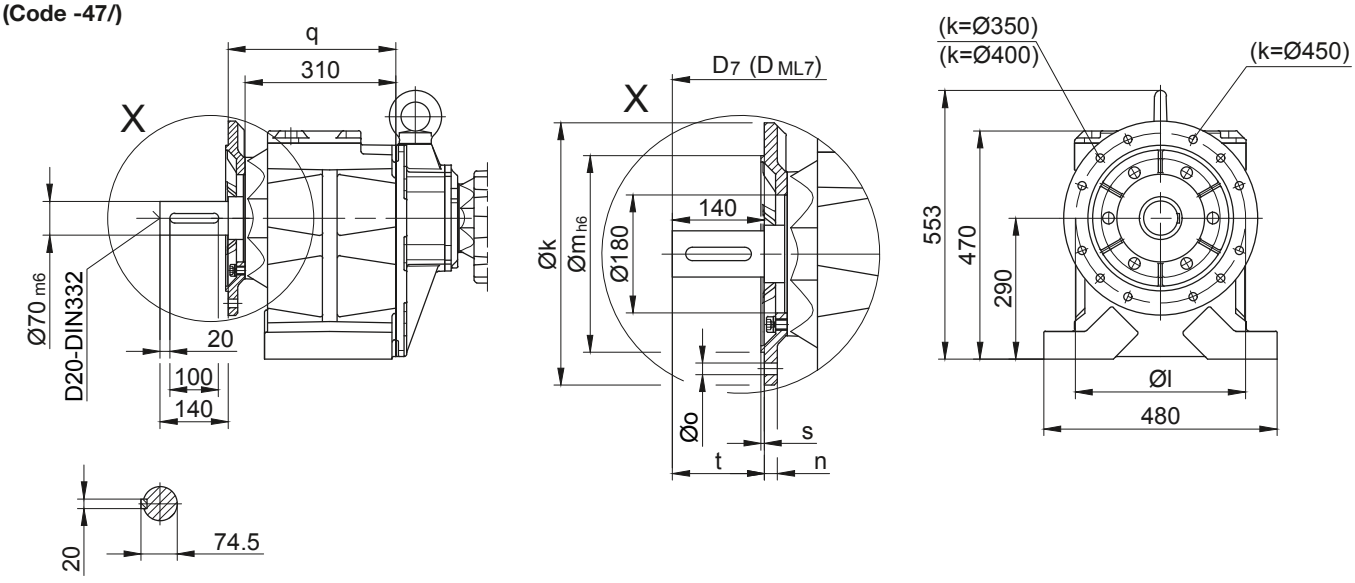
Dimension - Tandem Gearbox Metric

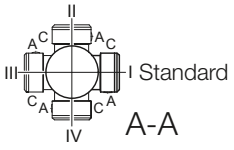
BG80G40

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -27/)
(Code -47/)





Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG80..	Code -37/	400	350	300	20	4 x 17.5	345	5	140	d+24	d_{ML}+24
BG80..	Code -27/	350	300	250	20	4 x 17.5	345	5	140	d+24	d_{ML}+24
BG80..	Code -47/	450	400	350	22	8 x 17.5	355	5	130	d+24	d_{ML}+24
Dimensions in millimetres (mm)											

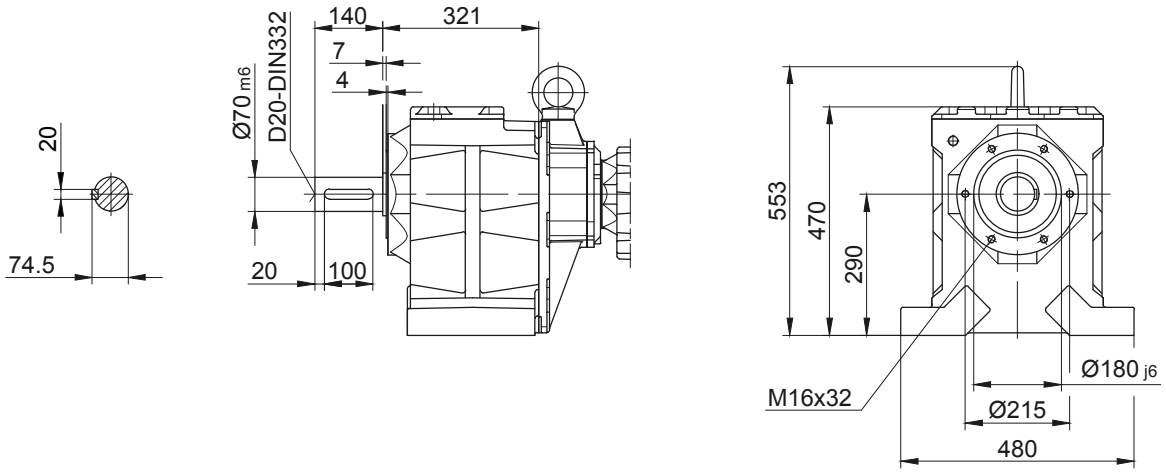
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG80G40-../D..08.A.	199.5	373	156	1033.5	116	136.5	1099.5	1145.5	1207	1099.5
BG80G40-../D..08.B.	229.5	373	156	1063.5	116	136.5	1129.5	1175.5	1236.5	1129.5
BG80G40-../D..09.A.	250.5	387.5	176	1099	125,5	157	1192	1206.5	1296	1192
BG80G40-../D..09.B.	308.5	387.5	176	1157	125,5	157	1250	1264	1354	1250
BG80G40-../D..11.A.	319	394	218	1174	165	176	1272	1281.5	1374	1272
BG80G40-../D..11.B.	387	394	218	1242	165	176	1338	1349.5	1442	1338
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG80G40

Flange with tapped holes

Code -71/



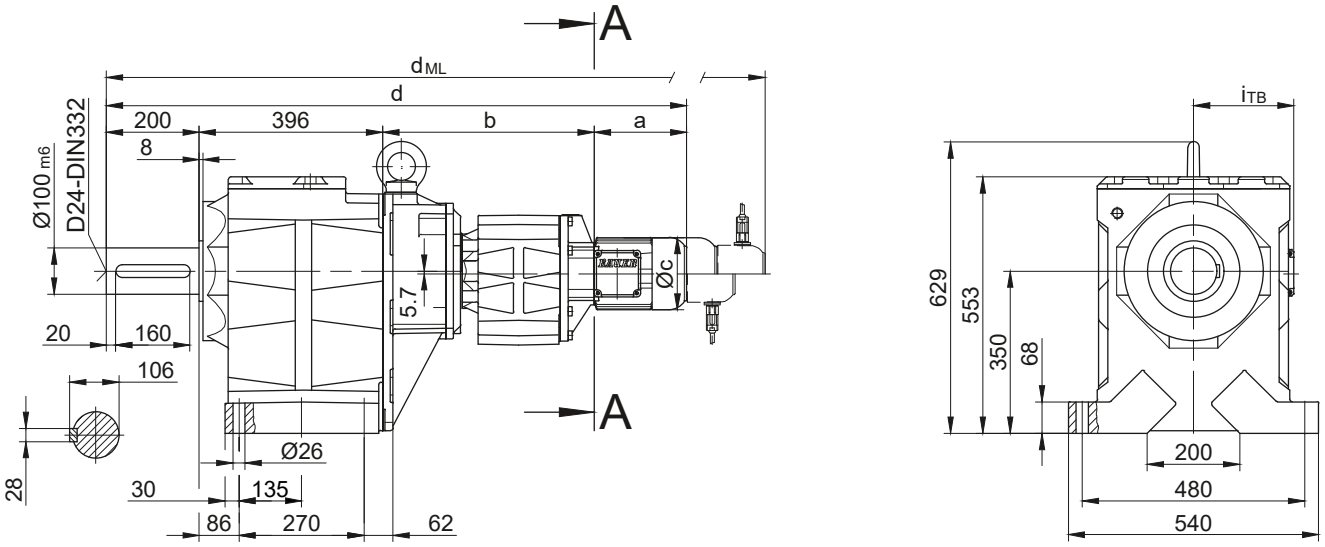
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

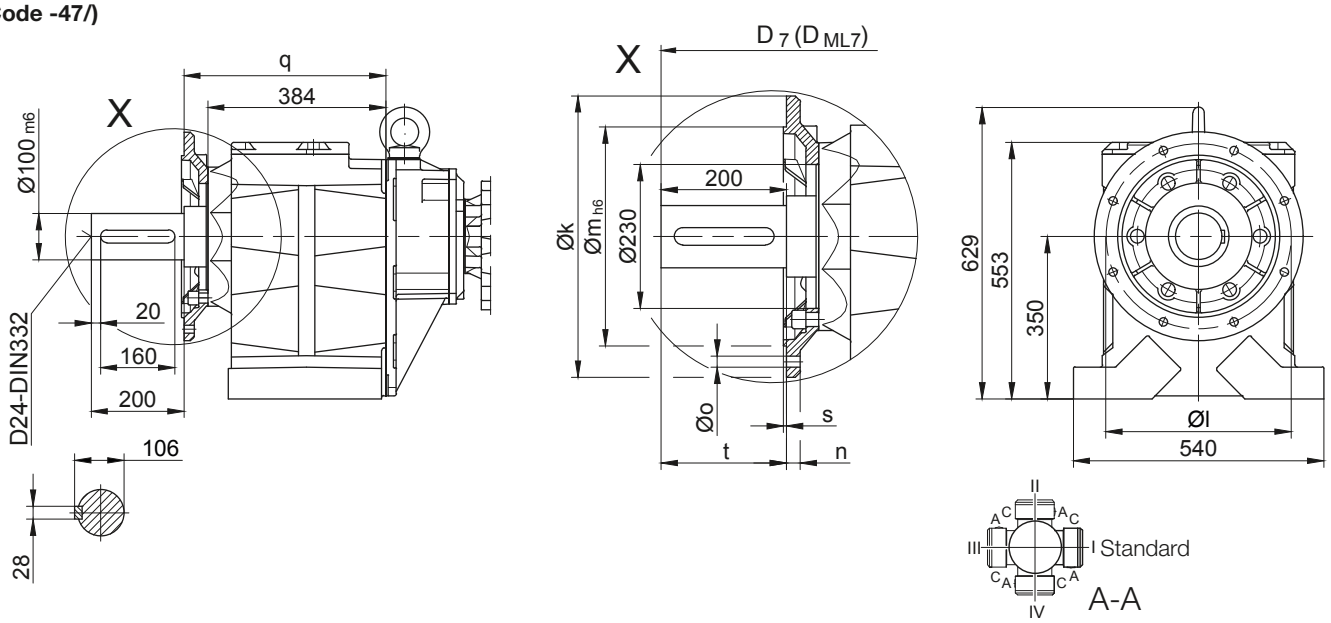
Dimension - Tandem Gearbox Metric

BG90G50

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -47/)



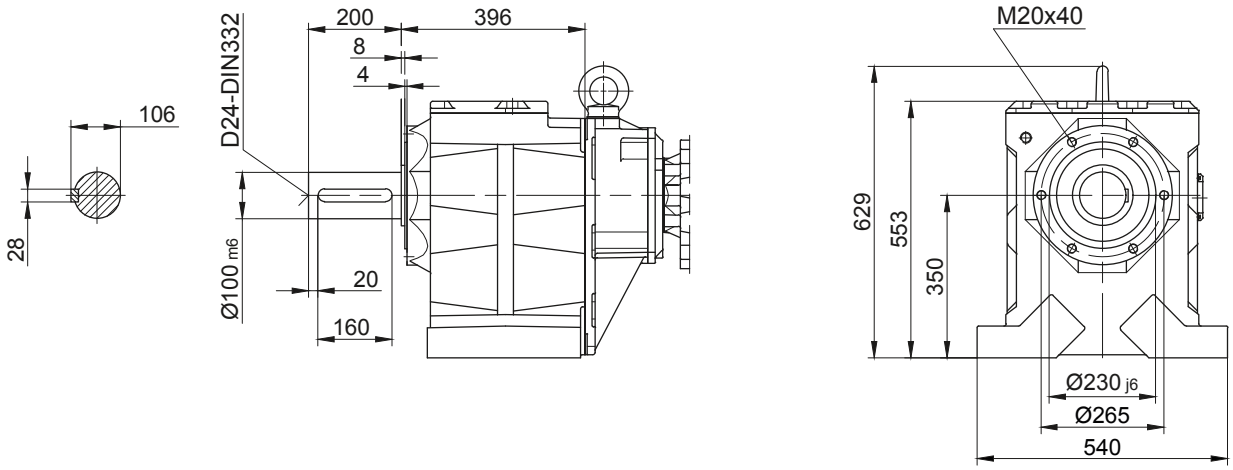
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG90..	Code -37/	450	400	350	22	17.5	439	5	200	d+43	d_{ML}+43
BG90..	Code -47/	550	500	450	22	17.5	444	5	195	d+43	d_{ML}+43
Dimensions in millimetres (mm)											

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG90G50-../D..08.A.	199.5	456	156	1251.5	116	136.5	1317.5	1363.5	1425	1317.5
BG90G50-../D..08.B.	229.5	456	156	1281.5	116	136.5	1347.5	1393.5	1454.5	1347.5
BG90G50-../D..09.A.	250.5	470.5	176	1317	125,5	157	1410	1424.5	1514	1410
BG90G50-../D..09.B.	308.5	470.5	176	1375	125,5	157	1468	1482	1572	1468
BG90G50-../D..11.A.	319	477	218	1392	165	176	1490	1499.5	1592	1490
BG90G50-../D..11.B.	387	477	218	1460	165	176	1556	1567.5	1660	1556
BG90G50-../D..13.A.	393	490	258	1479	217	217	1590	1586	1691	1587
BG90G50-../D..16.B.	454.5	504	310	1554.5	243	243	1698	1661.5	1801.5	1698
BG90G50-../D..18.B.	542	526	348	1664	288	288	1813.5	1769.5	1917	1813.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG90G50

Flange with tapped holes
Code -71/



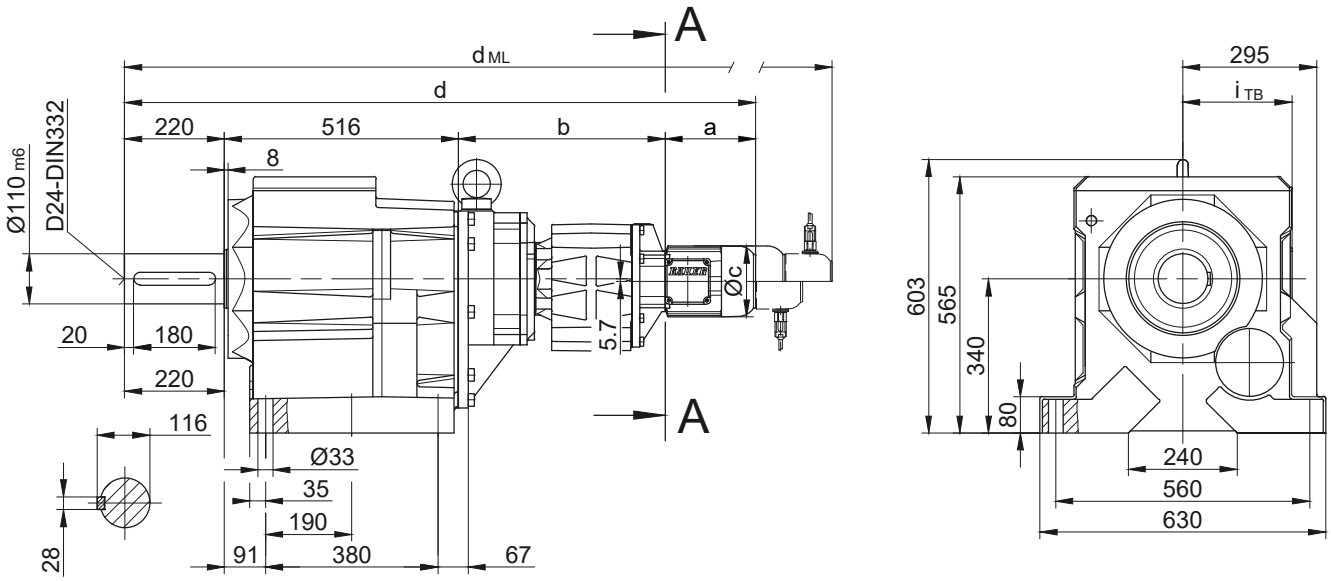
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG-series helical-geared motors

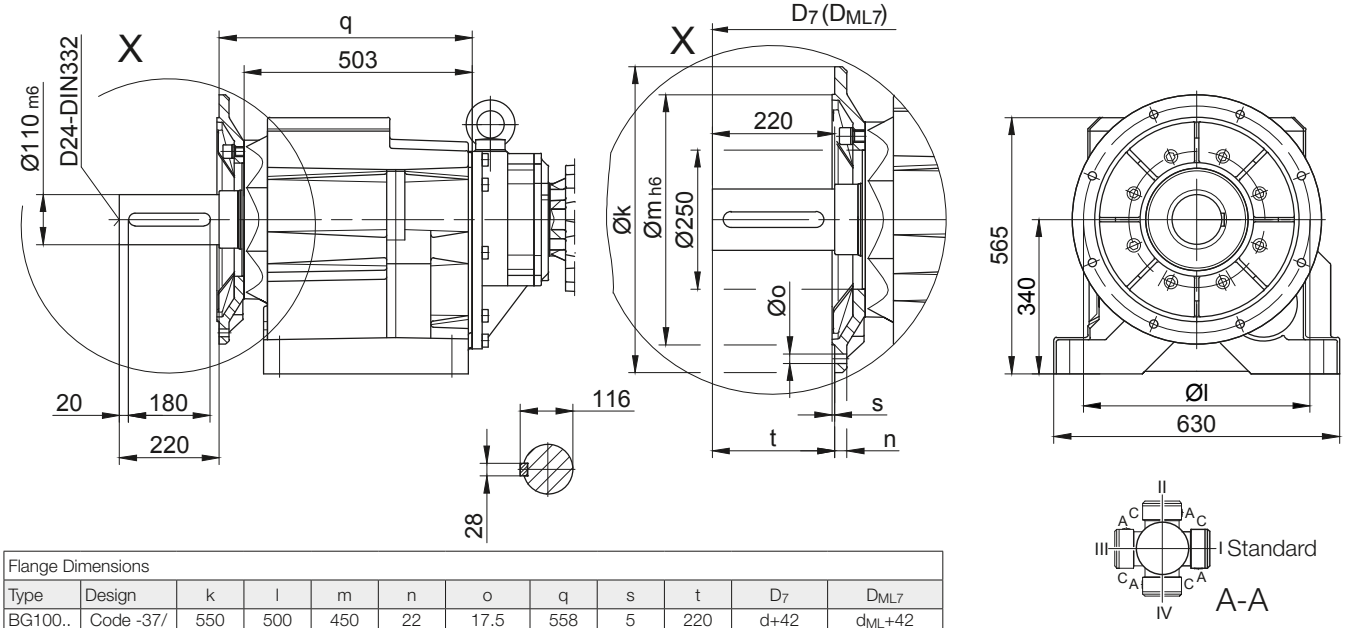
Dimension - Tandem Gearbox Metric

BG100G50

Foot mounting with clearance holes
Code -11/



Flange with clearance holes
Code -37/
(Code -47/)



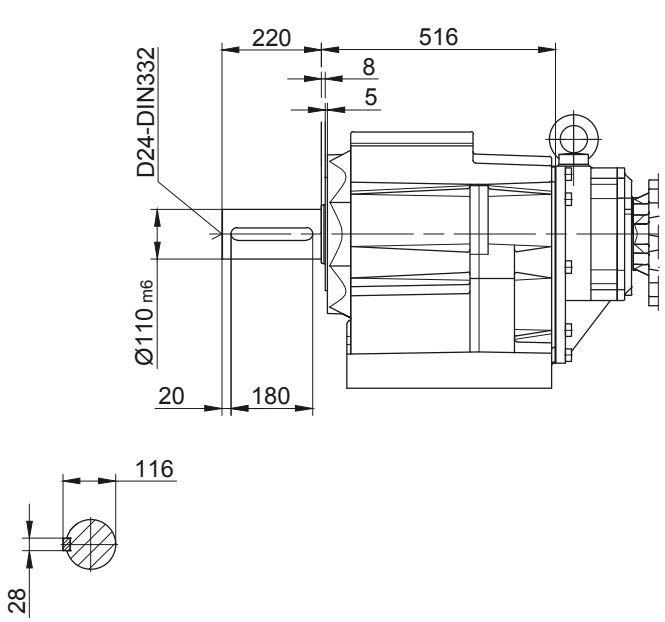
Flange Dimensions											
Type	Design	k	l	m	n	o	q	s	t	D_7	D_{ML7}
BG100..	Code -37/	550	500	450	22	17.5	558	5	220	d+42	d_{ML}+42
BG100..	Code -47/	660	600	550	25	22	552	6	226	d+42	d_{ML}+42
Dimensions in millimetres (mm)											

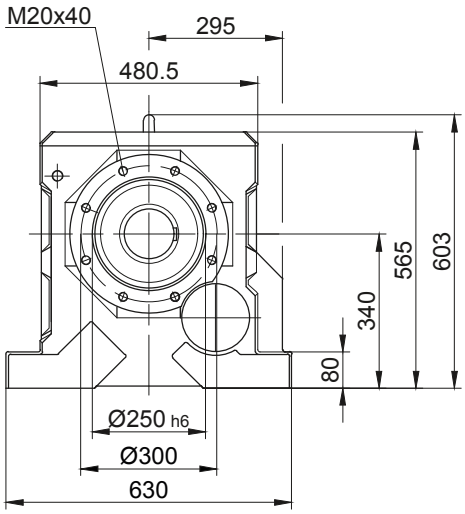
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BG100G50-../D..08.A.	199.5	456	156	1391.5	116	136.5	1457.5	1503.5	1565	1457.5
BG100G50-../D..08.B.	229.5	456	156	1421.5	116	136.5	1487.5	1533.5	1594.5	1487.5
BG100G50-../D..09.A.	250.5	470.5	176	1457	125,5	157	1550	1564.5	1654	1550
BG100G50-../D..09.B.	308.5	470.5	176	1515	125,5	157	1608	1622	1712	1608
BG100G50-../D..11.A.	319	477	218	1532	165	176	1630	1639.5	1732	1630
BG100G50-../D..11.B.	387	477	218	1600	165	176	1696	1707.5	1800	1696
BG100G50-../D..13.A.	393	490	258	1619	217	217	1730	1726	1831	1727
BG100G50-../D..16.B.	454.5	504	310	1694.5	243	243	1838	1801.5	1941.5	1838
BG100G50-../D..18.B.	542	526	348	1804	288	288	1953.5	1909.5	2057	1953.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BG100G50

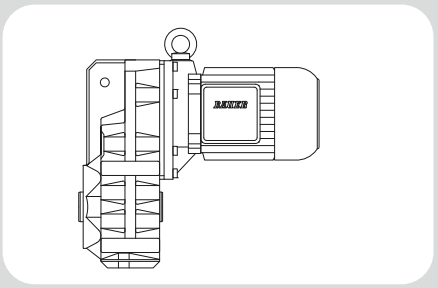
Flange with tapped holes
Code -71/





10

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.



11

BF-series shaft-mounted geared motors - Dimensions

Dimension - Standard Imperial 370
BF06 370
BF10 - BF10Z 372
BF20 - BF20Z 374
BF30 - BF30Z 376
BF40 - BF40Z 378
BF50 - BF50Z 380
BF60 - BF60Z 382
BF70 - BF70Z 384
BF80 - BF80Z 386
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Additional Dimension Sheet Imperial 408
Shrink disc coupling (SSV) 408
Shrink disc coupling with (SSV) cover 409
Tapped holes side (H) → shaft cover 410
Rubber buffer for torque restraint 411
Assembly tools for hollow shaft and keyway 412
Shaft cap (VK) 414
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Dimension - Tandem Gearbox Metric 436
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BF20G06 438
BF30G06 440
BF40G10 ..... 442 ▶

◀ BF50G10 444
BF60G20 446
BF70G20 448
BF80G40 450
BF90G50 452
Additional Dimension Sheet Metric 455
Splined shaft 455
Shrink disc coupling (SSV) 456
Shrink disc coupling with (SSV) cover 457
Tapped holes side (H) → shaft cover 458
Rubber buffer for torque restraint 459
Assembly tools for hollow shaft and keyway 460
Assembly tool for shaft mounted gears with splined shaft 462
Shaft cap (VK) 464
Shaft cover (VD) 465

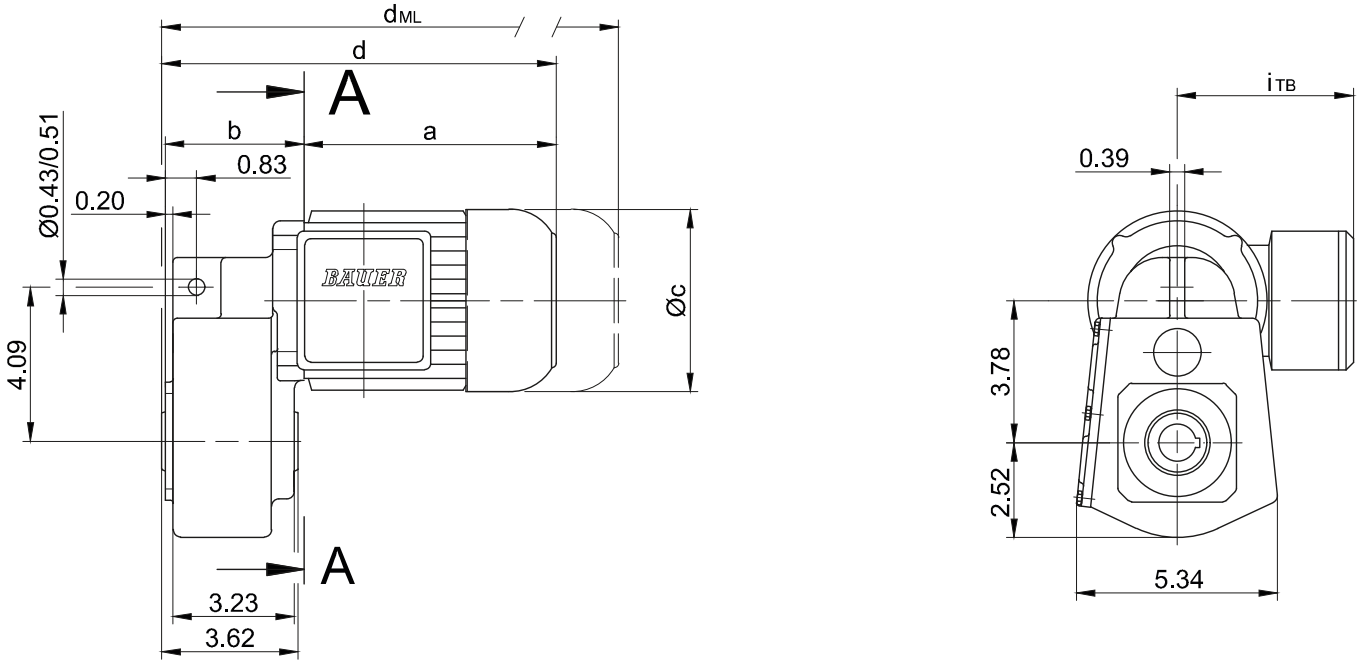
BF-series shaft-mounted geared motors

Dimension - Standard Imperial

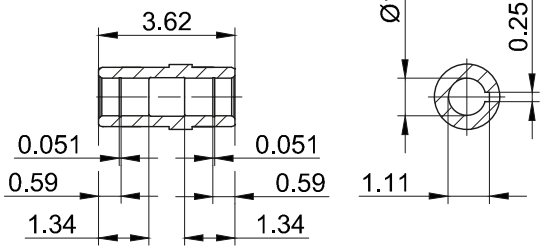
BF06

with torque arm

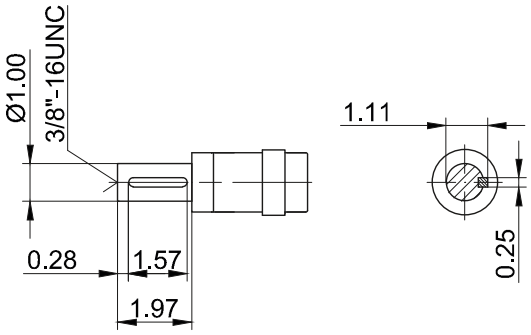
Code -0./

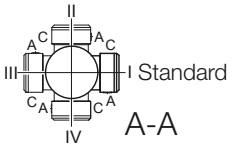


Code -.4/



Code -.1/



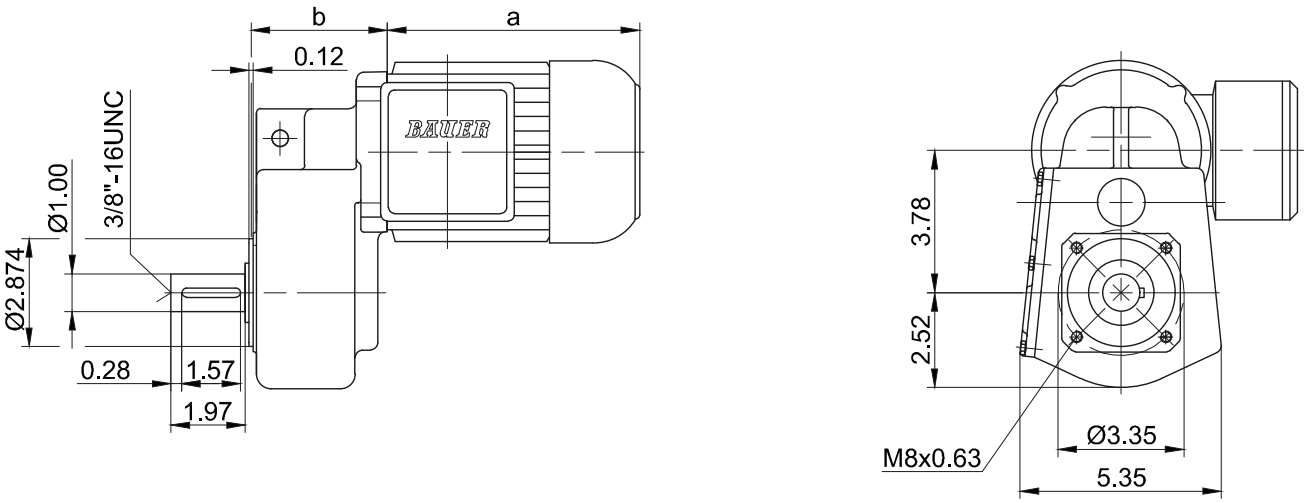


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF06-../D..05.A.	6.72	3.68	4.84	10.40	4,00	4.61	12.05	14.43	15.91	-
BF06-../D..06.A.	6.70	3.68	4.84	10.39	4,00	4.69	12.04	14.42	15.90	-
BF06-../D..07.A.	7.49	3.68	4.84	11.17	4,00	4.69	12.83	15.21	16.69	-
BF06-../D..08.A.	7.85	5.57	6.14	13.43	4.57	5.37	16.02	17.83	20.26	16.02
BF06-../D..08.B.	9.04	5.57	6.14	14.61	4.57	5.37	17.20	19.02	21.42	17.20
Dimensions in inch										

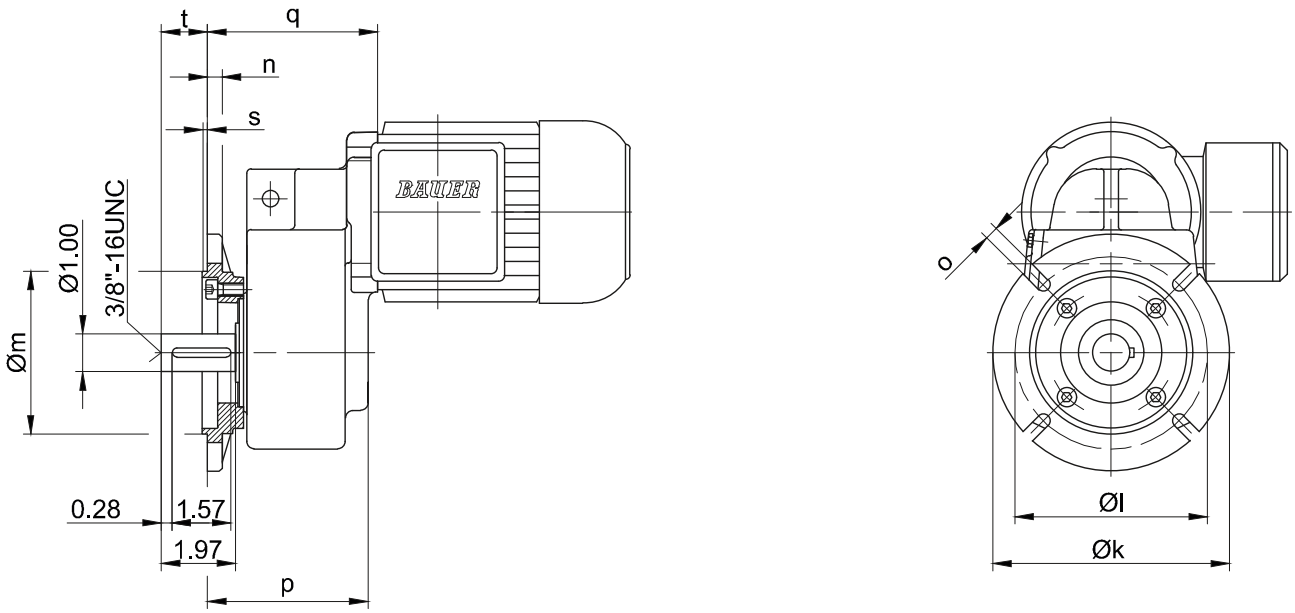
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF06

Flange with tapped holes
Code -7./



Flange with clearance holes
Code -3.V/
(Code -4.V/)



Flange Dimensions											
Type	Design	k	l	m	n	o	p	q[1)]	q[2)]	s	t
BF06	Code -3./	5.512	4.528	3.740	0.394	0.354	4.272	4.528	6.417	0.118	1.222
BF06	Code -4./	6.299	5.118	4.331	0.394	0.354	4.272	4.528	6.417	0.138	1.222
[1)] only for motor sizes D05; D06; D07											
[2)] only for motor size D08..											
Dimensions in inch											

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

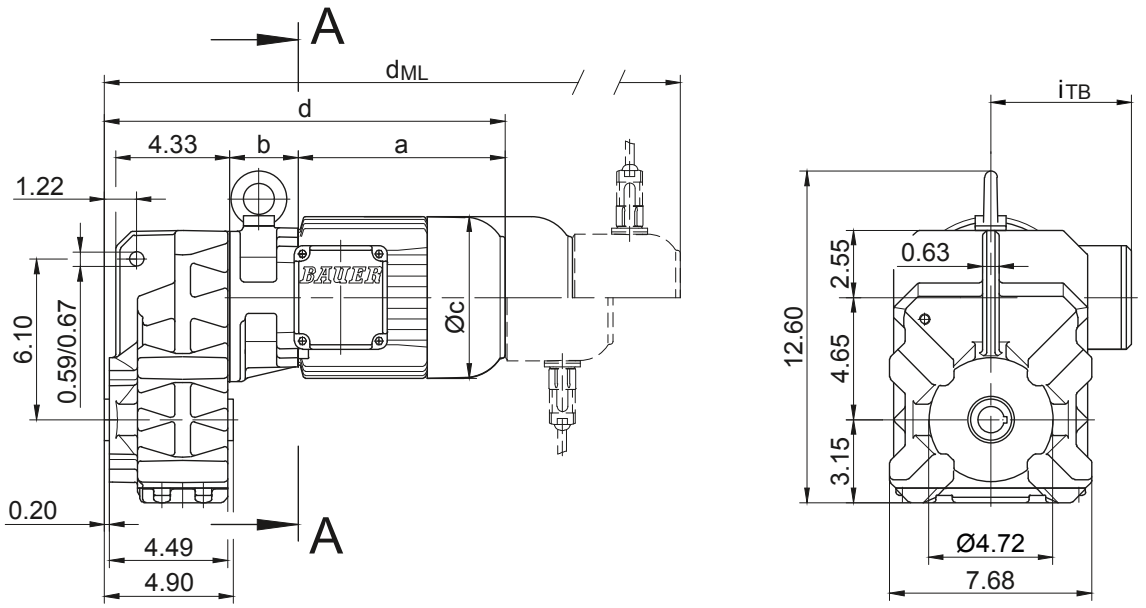
BF-series shaft-mounted geared motors

Dimension - Standard Imperial

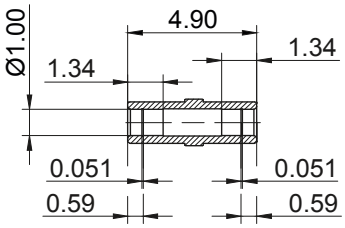
BF10 - BF10Z

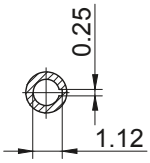
with torque arm

Code -0./

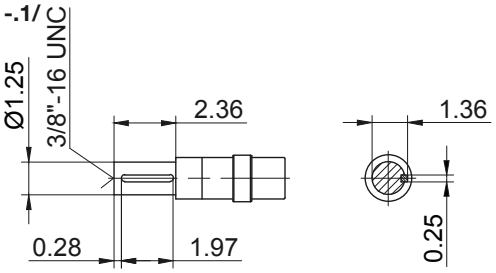


Code -.4/

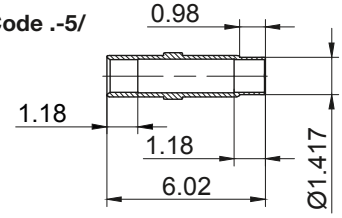


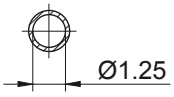


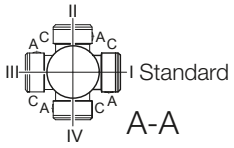
Code -.1/



Code .-5/





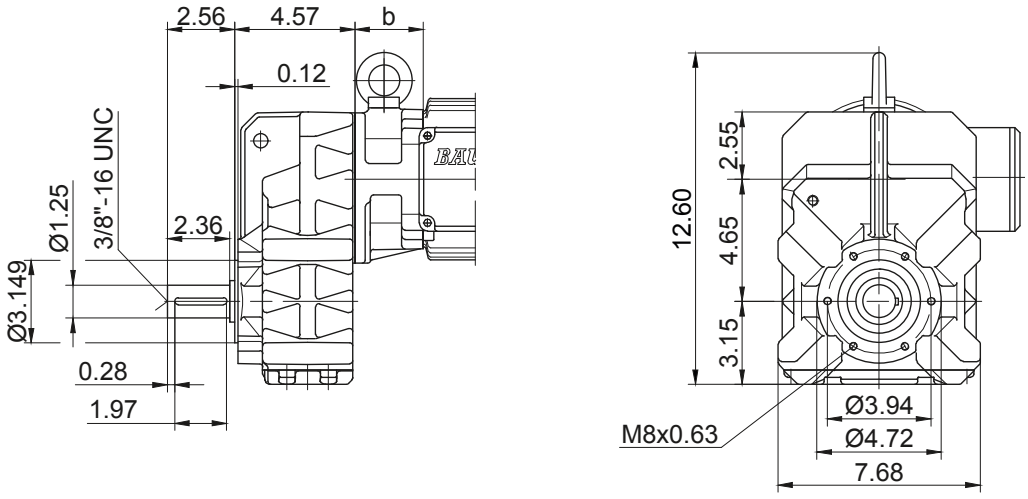


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF10Z-../D04.A.	5.61	3.39	4.35	13.56	3.54	4.41	15.28	17.00	18.72	-
BF10-../D..05.A.	6.72	2.44	4.84	13.72	4,00	4.61	15.38	17.76	19.24	-
BF10Z-../D..05.A.	6.72	3.46	4.84	14.75	4,00	4.61	16.40	18.78	20.26	-
BF10-../D..06.A.	6.70	2.44	4.84	13.71	4,00	4.69	15.37	17.75	19.22	-
BF10Z-../D..06.A.	6.70	3.46	4.84	14.74	4,00	4.69	16.39	18.77	20.25	-
BF10-../D..07.A.	7.49	2.44	4.84	14.50	4,00	4.69	16.15	18.54	20.01	-
BF10Z-../D..07.A.	7.49	3.46	4.84	15.52	4,00	4.69	17.18	19.56	21.04	-
BF10-../D..08.A.	7.85	2.60	6.14	15.02	4.57	5.37	17.62	19.43	21.85	17.62
BF10Z-../D..08.A.	7.85	5.20	6.14	17.62	4.57	5.37	20.22	22.03	24.45	20.22
BF10-../D..08.B.	9.04	2.60	6.14	16.20	4.57	5.37	18.80	20.61	23.01	18.80
BF10Z-../D..08.B.	9.04	5.20	6.14	18.80	4.57	5.37	21.40	23.21	25.61	21.40
BF10-../D..09.A.	9.86	3.17	6.93	17.60	4.94	6.18	21.26	21.83	25.36	21.26
BF10-../D..09.B.	12.15	3.17	6.93	19.88	4.94	6.18	23.54	24.10	27.64	23.54
Dimensions in inch										

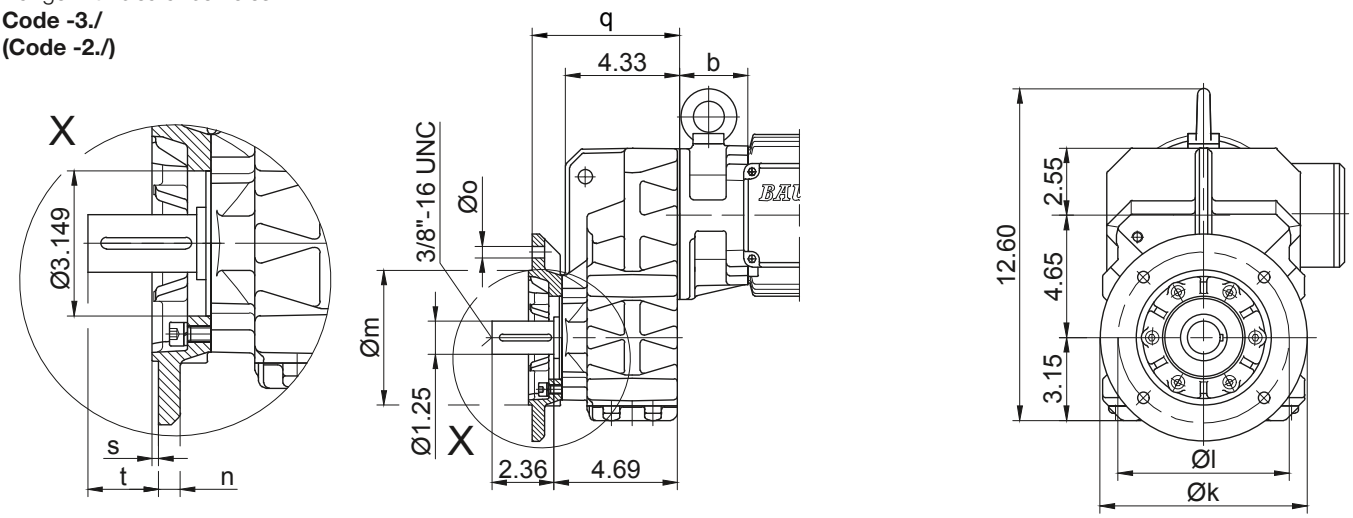
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF10 - BF10Z

Flange with tapped holes
Code -7./



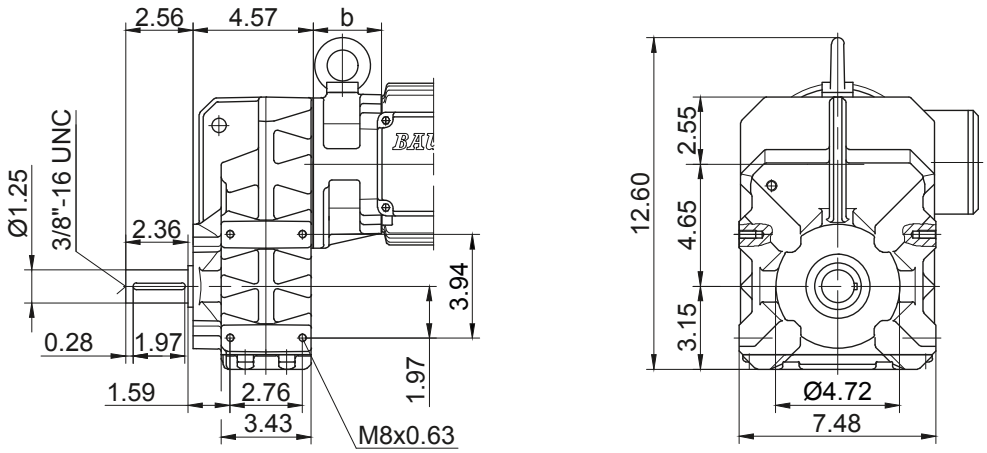
Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF10..	Code -3./	7.874	6.496	5.118	0.472	0.433	5.591	0.138	1.533
BF10..	Code -2./	6.299	5.118	4.331	0.394	0.354	5.315	0.138	1.809
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/

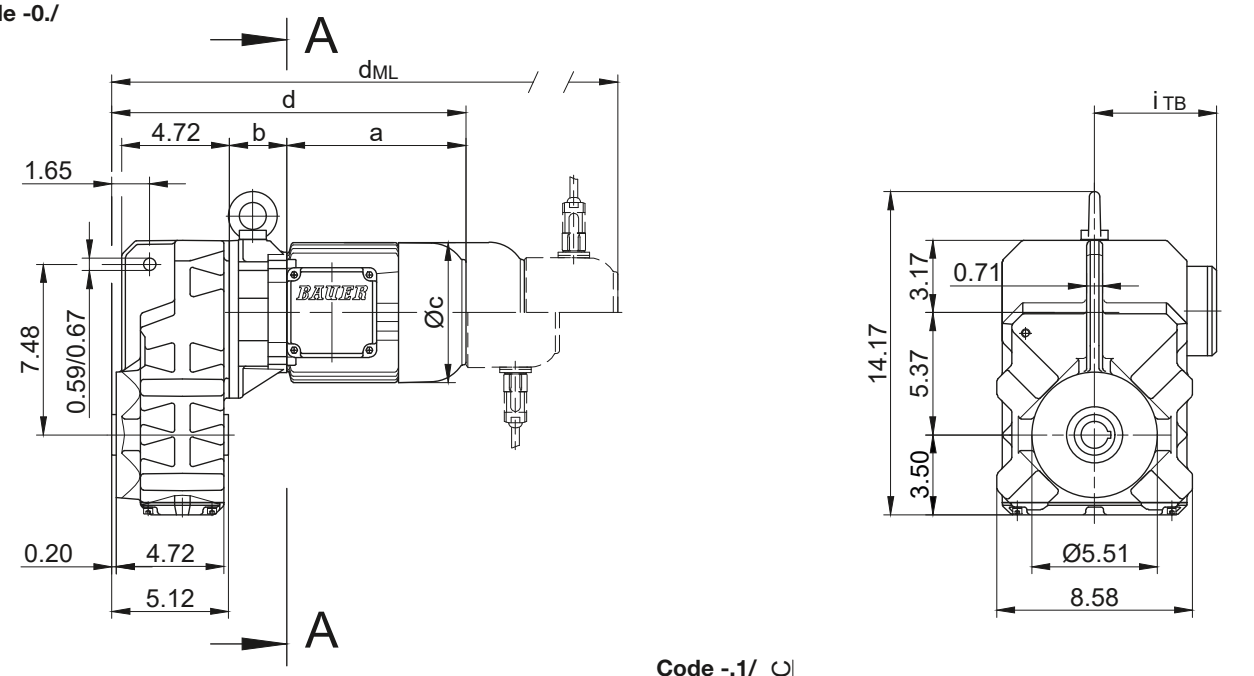


The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

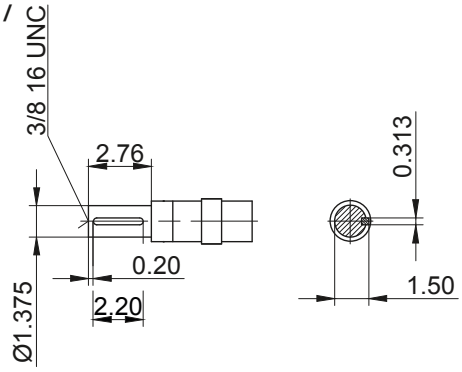
BF-series shaft-mounted geared motors

Dimension - Standard Imperial

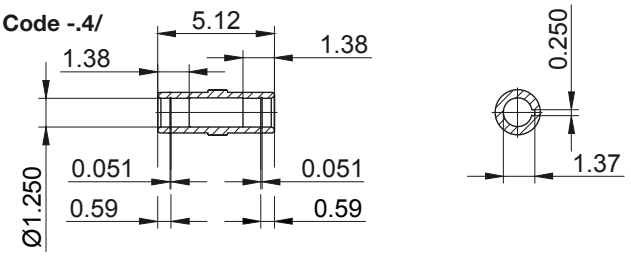
BF20 - BF20Z
with torque arm
Code -0./



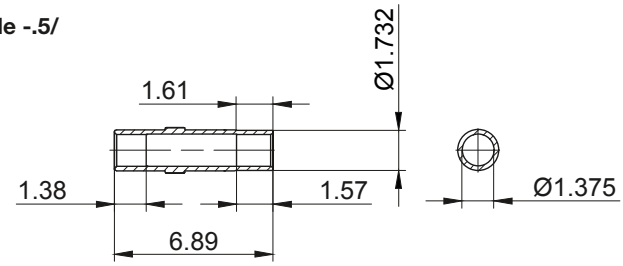
Code -.1/

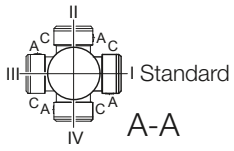


Code -.4/



Code -.5/



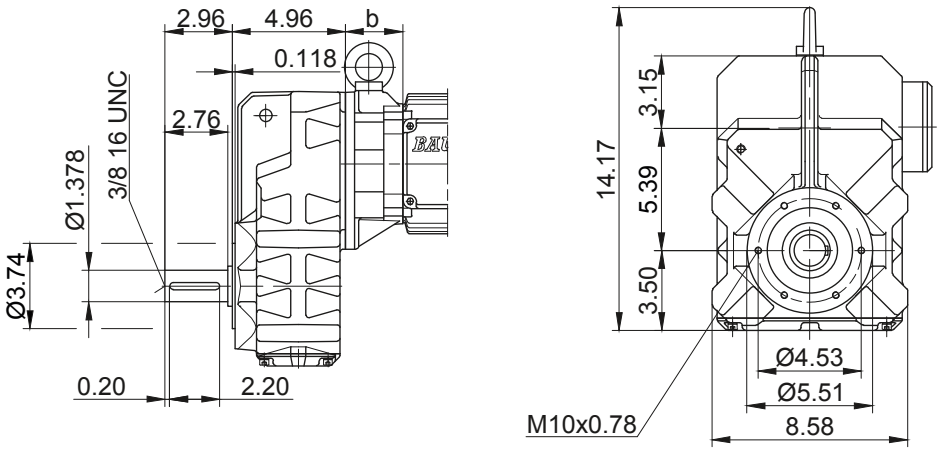


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF20Z-../D04.A.	5.61	3.94	4.35	14.51	3.54	4.41	16.22	17.95	19.66	-
BF20-../D..05.A.	6.72	2.36	4.84	14.04	4,00	4.61	15.69	18.07	19.55	-
BF20Z-../D..05.A.	6.72	4.02	4.84	15.69	4,00	4.61	17.35	19.73	21.20	-
BF20-../D..06.A.	6.70	2.36	4.84	14.03	4,00	4.69	15.68	18.06	19.54	-
BF20Z-../D..06.A.	6.70	4.02	4.84	15.68	4,00	4.69	17.33	19.72	21.19	-
BF20-../D..07.A.	7.49	2.36	4.84	14.81	4,00	4.69	16.47	18.85	20.33	-
BF20Z-../D..07.A.	7.49	4.02	4.84	16.47	4,00	4.69	18.12	20.50	21.98	-
BF20-../D..08.A.	7.85	2.52	6.14	15.33	4.57	5.37	17.93	19.74	22.17	17.93
BF20Z-../D..08.A.	7.85	5.75	6.14	18.56	4.57	5.37	21.16	22.97	25.39	21.16
BF20-../D..08.B.	9.04	2.52	6.14	16.52	4.57	5.37	19.11	20.93	23.33	19.11
BF20Z-../D..08.B.	9.04	5.75	6.14	19.74	4.57	5.37	22.34	24.15	26.56	22.34
BF20-../D..09.A.	9.86	3.09	6.93	17.91	4.94	6.18	21.57	22.15	25.67	21.57
BF20-../D..09.B.	12.15	3.09	6.93	20.20	4.94	6.18	23.86	24.41	27.96	23.86
Dimensions in inch										

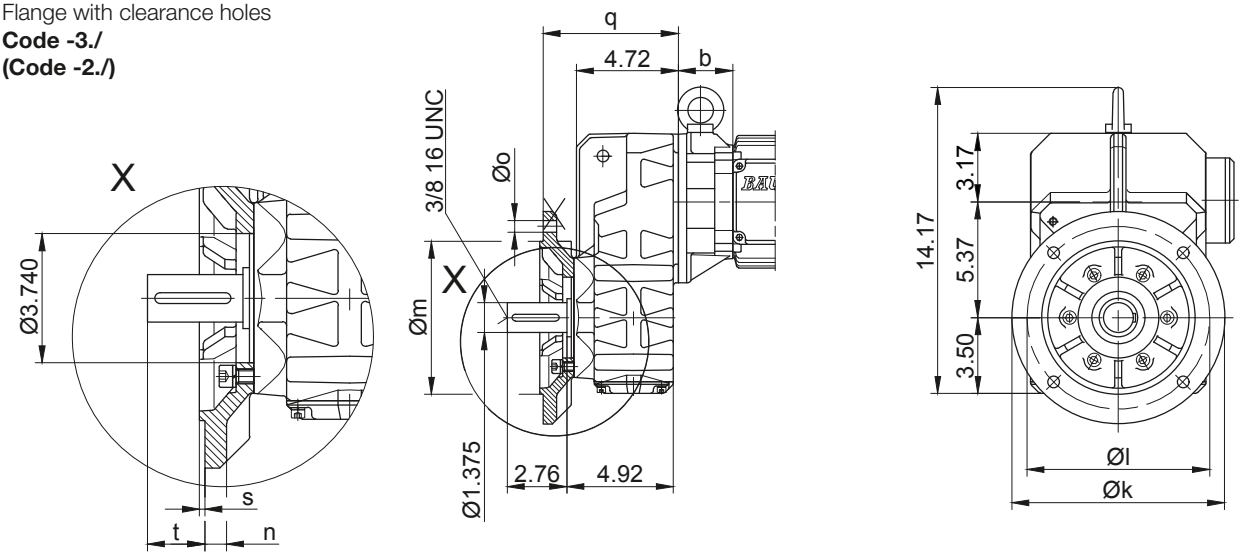
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF20 - BF20Z

Flange with tapped holes
Code -7./



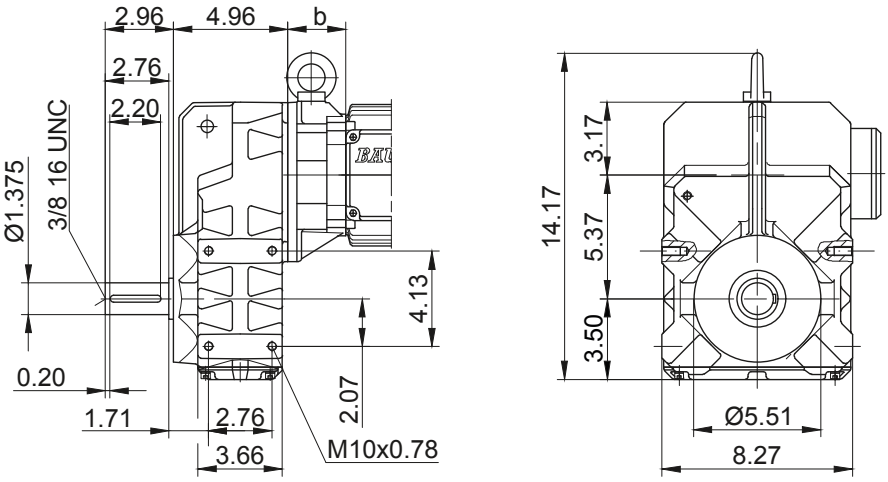
Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF20..	Code -3./	9.843	8.465	7.087	0.630	0.531	6.260	0.157	1.658
BF20..	Code -2./	7.874	6.496	5.118	0.472	0.433	5.906	0.138	2.012
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

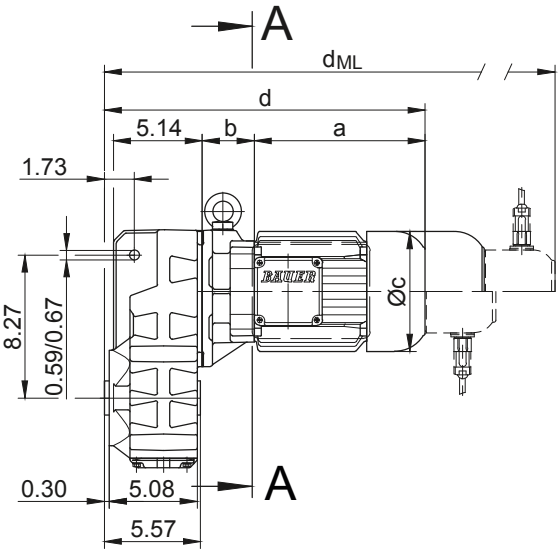
BF-series shaft-mounted geared motors

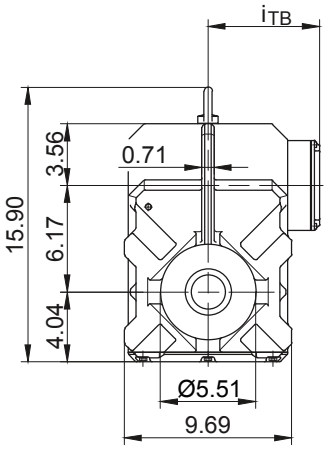
Dimension - Standard Imperial

BF30 - BF30Z

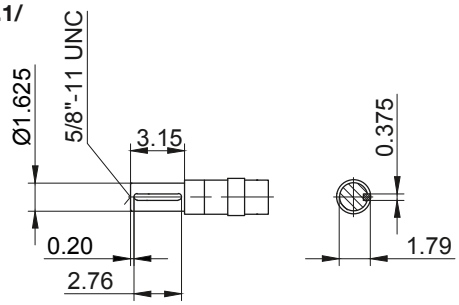
with torque arm

Code -0./

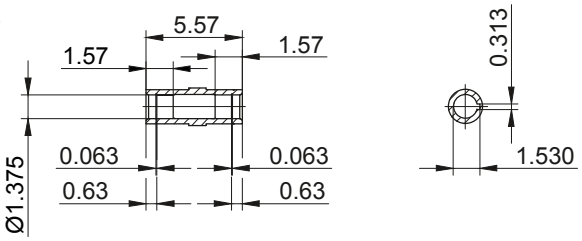




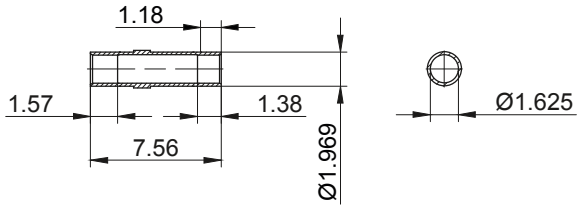
Code -.1/

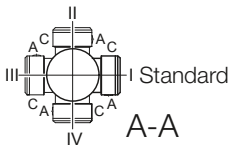


Code -.4/



Code -.5/



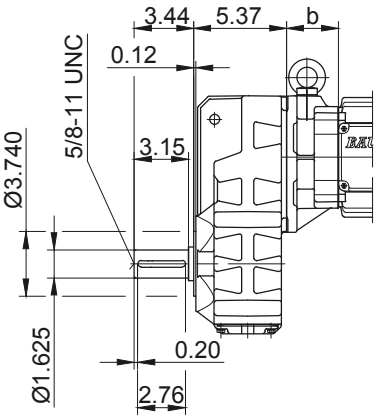


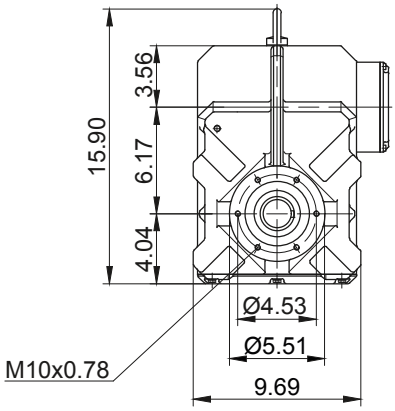
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF30-../D..05.A.	6.72	2.28	4.84	14.37	4,00	4.61	16.03	18.41	19.89	-
BF30Z-../D..05.A.	6.72	5.26	4.84	17.35	4,00	4.61	19.00	21.38	22.86	-
BF30-../D..06.A.	6.70	2.28	4.84	14.36	4,00	4.69	16.02	18.40	19.87	-
BF30Z-../D..06.A.	6.70	5.26	4.84	17.33	4,00	4.69	18.99	21.37	22.85	-
BF30-../D..07.A.	7.49	2.28	4.84	15.15	4,00	4.69	16.80	19.19	20.66	-
BF30Z-../D..07.A.	7.49	5.26	4.84	18.12	4,00	4.69	19.78	22.16	23.63	-
BF30-../D..08.A.	7.85	2.44	6.14	15.67	4.57	5.37	18.27	20.08	22.50	18.27
BF30Z-../D..08.A.	7.85	5.41	6.14	18.64	4.57	5.37	21.24	23.05	25.47	21.24
BF30-../D..08.B.	9.04	2.44	6.14	16.85	4.57	5.37	19.45	21.26	23.66	19.45
BF30Z-../D..08.B.	9.04	5.41	6.14	19.82	4.57	5.37	22.42	24.23	26.63	22.42
BF30-../D..09.A.	9.86	3.01	6.93	18.25	4.94	6.18	21.91	22.48	26.01	21.91
BF30Z-../D..09.A.	9.86	5.98	6.93	21.22	4.94	6.18	24.88	25.46	28.98	24.88
BF30-../D..09.B.	12.15	3.01	6.93	20.53	4.94	6.18	24.19	24.75	28.29	24.19
BF30Z-../D..09.B.	12.15	5.98	6.93	23.50	4.94	6.18	27.17	27.72	31.26	27.17
BF30-../D..11.A.	12.56	3.27	8.58	21.20	6.50	6.93	25.06	25.44	29.08	25.06
BF30-../D..11.B.	15.24	3.27	8.58	23.88	6.50	6.93	27.66	28.11	31.76	27.66
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

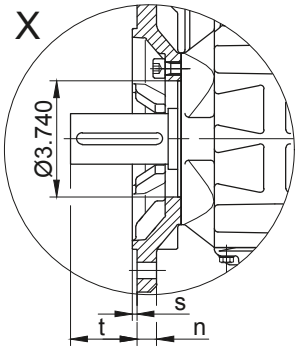
BF30 - BF30Z

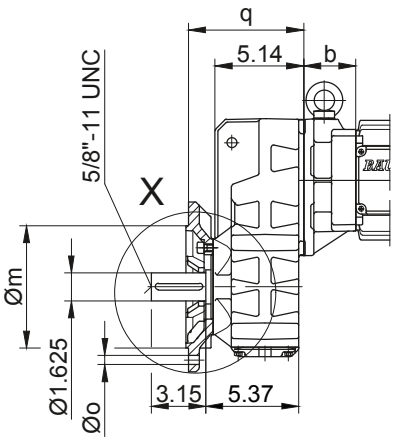
Flange with tapped holes
Code -7./

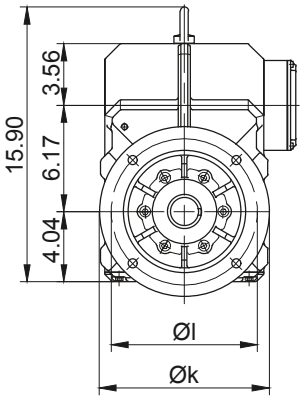




Flange with clearance holes
Code -3./
(Code -2./)



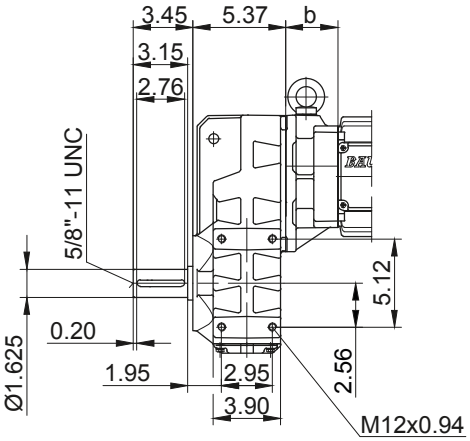


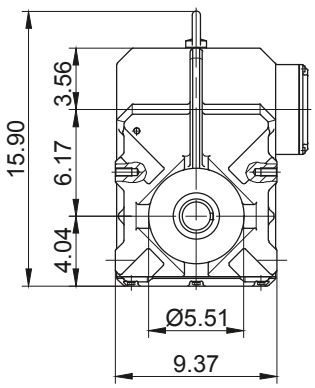


Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF30..	Code -3./	9.843	8.465	7.087	0.630	0.531	6.673	0.157	2.146
BF30..	Code -2./	7.874	6.496	5.118	0.472	0.433	6.319	0.138	2.500
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

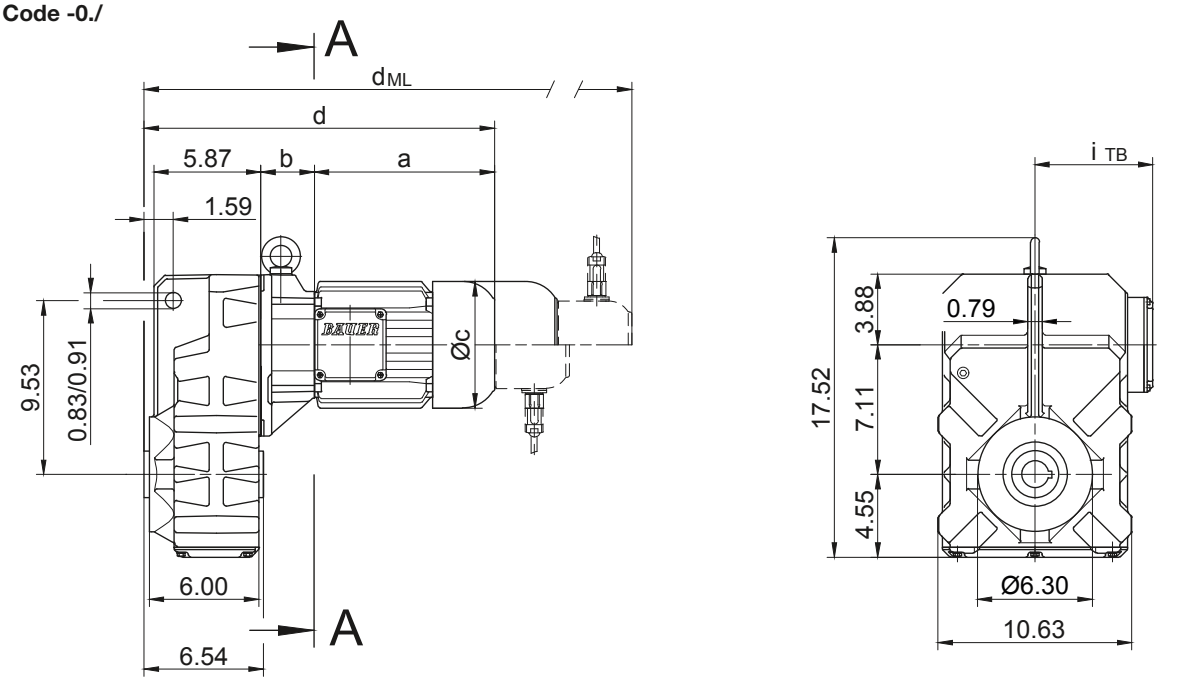
BF-series shaft-mounted geared motors

Dimension - Standard Imperial

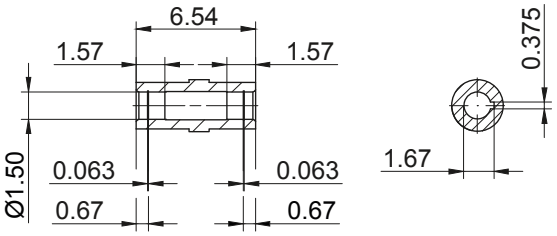
BF40 - BF40Z

with torque arm

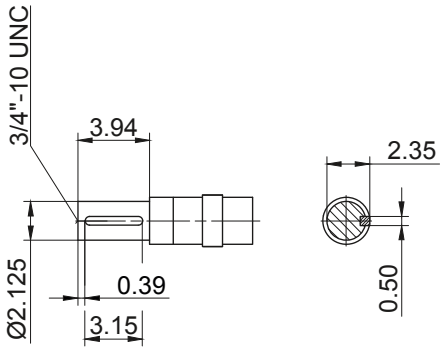
Code -0./



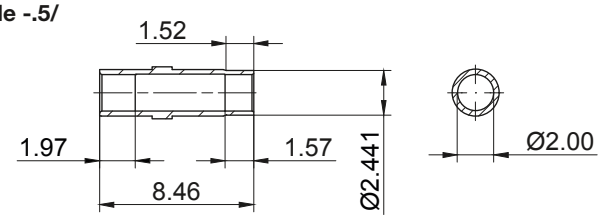
Code -.4/

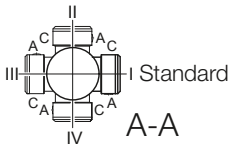


Code -.1/



Code -.5/



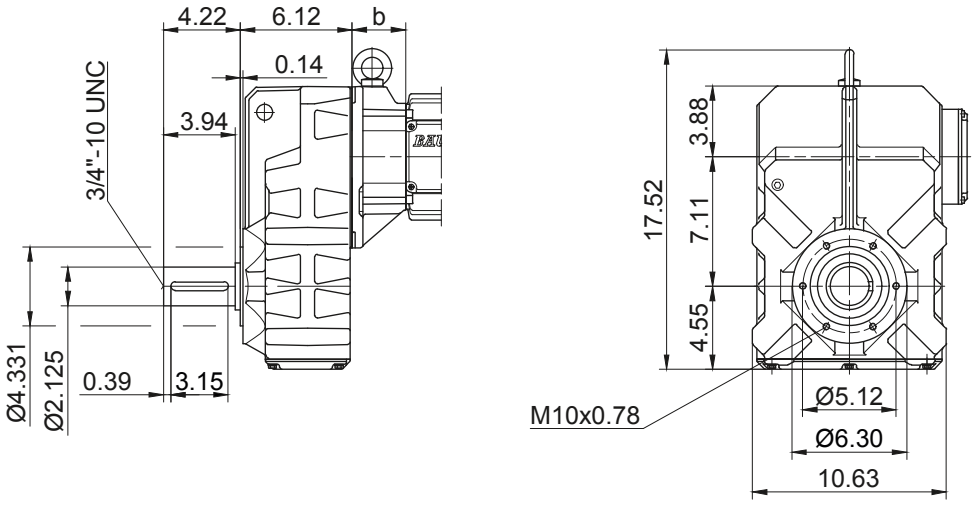


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF40Z-../D..05.A.	6.72	5.45	4.84	18.29	4,00	4.61	19.94	22.33	23.80	-
BF40Z-../D..06.A.	6.70	5.45	4.84	18.28	4,00	4.69	19.93	22.31	23.79	-
BF40Z-../D..07.A.	7.49	5.45	4.84	19.07	4,00	4.69	20.72	23.10	24.58	-
BF40-../D..08.A.	7.85	2.36	6.14	16.34	4.57	5.37	18.94	20.75	23.17	18.94
BF40Z-../D..08.A.	7.85	5.61	6.14	19.59	4.57	5.37	22.19	24.00	26.42	22.19
BF40-../D..08.B.	9.04	2.36	6.14	17.52	4.57	5.37	20.12	21.93	24.33	20.12
BF40Z-../D..08.B.	9.04	5.61	6.14	20.77	4.57	5.37	23.37	25.18	27.58	23.37
BF40-../D..09.A.	9.86	2.93	6.93	18.92	4.94	6.18	22.58	23.15	26.68	22.58
BF40Z-../D..09.A.	9.86	6.18	6.93	22.17	4.94	6.18	25.83	26.40	29.93	25.83
BF40-../D..09.B.	12.15	2.93	6.93	21.20	4.94	6.18	24.86	25.42	28.96	24.86
BF40Z-../D..09.B.	12.15	6.18	6.93	24.45	4.94	6.18	28.11	28.67	32.21	28.11
BF40-../D..11.A.	12.56	3.19	8.58	21.87	6.50	6.93	25.73	26.11	29.75	25.73
BF40-../D..11.B.	15.24	3.19	8.58	24.55	6.50	6.93	28.33	28.78	32.43	28.33
Dimensions in inch										

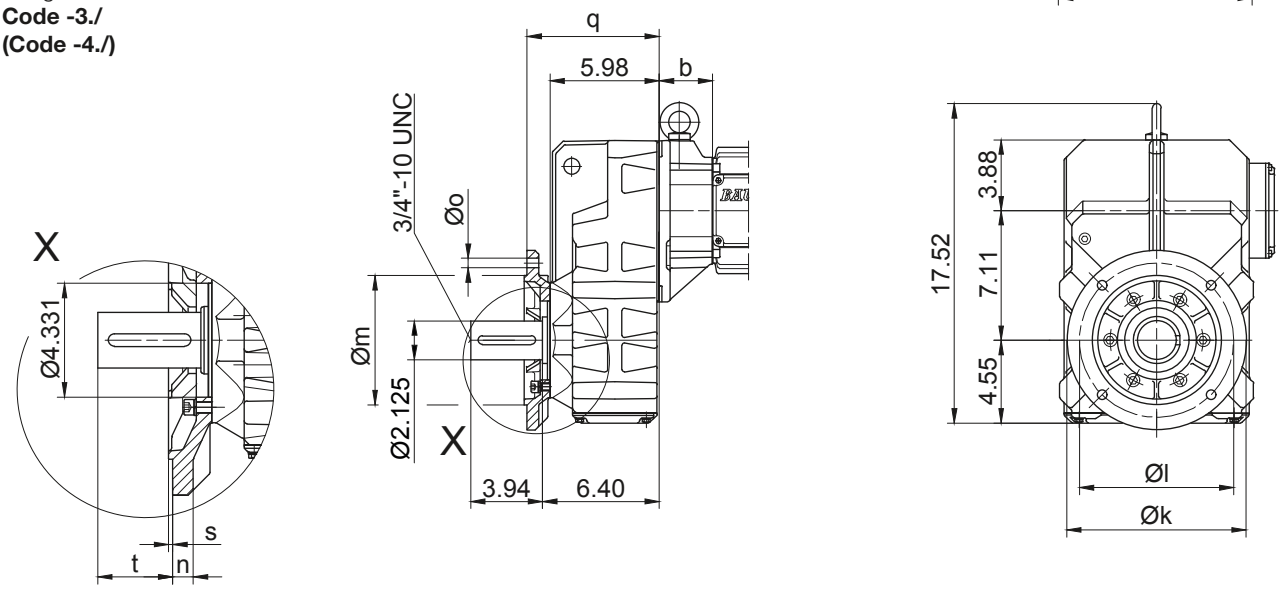
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF40 - BF40Z

Flange with tapped holes
Code -7./

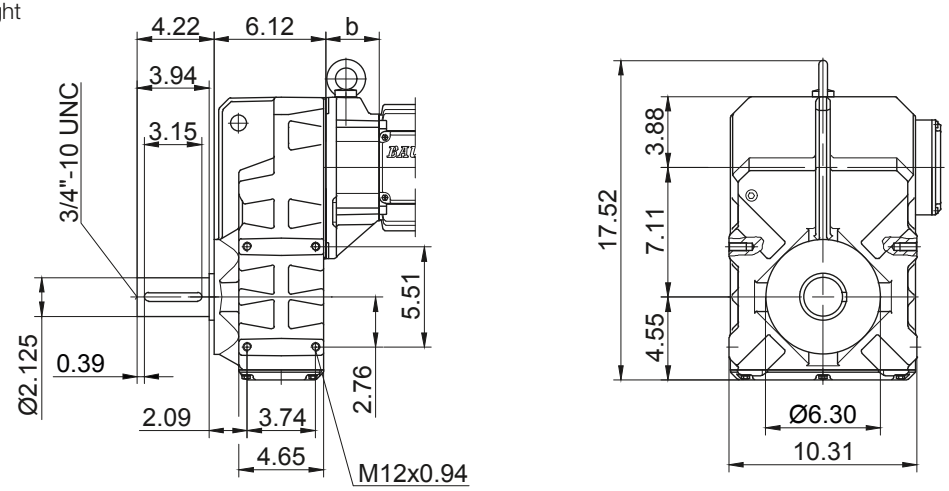


Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions										Shaft extension tolerance:
Type	Design	k	l	m	n	o	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BF40..	Code -3./	9.843	8.465	7.087	0.630	0.531	7.244	0.157	3.094	over 1.5 in diameter: +0.000 / -0.001 in
BF40..	Code -4./	11.811	10.433	9.055	0.787	0.531	7.480	0.157	2.857	Flange spigot diameter: +0.0003 / -0.0015 in
Dimensions in inch										

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

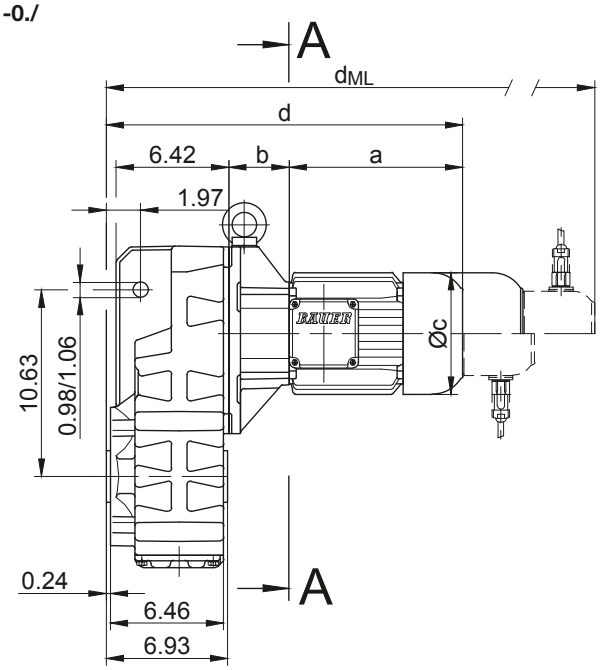
BF-series shaft-mounted geared motors

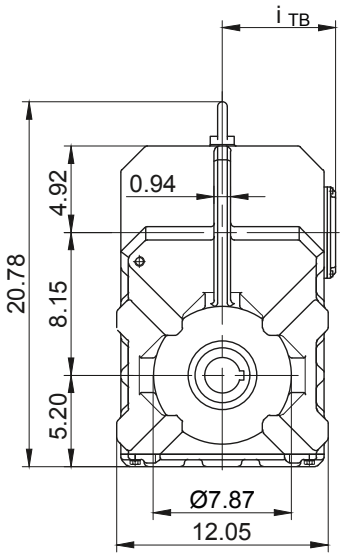
Dimension - Standard Imperial

BF50 - BF50Z

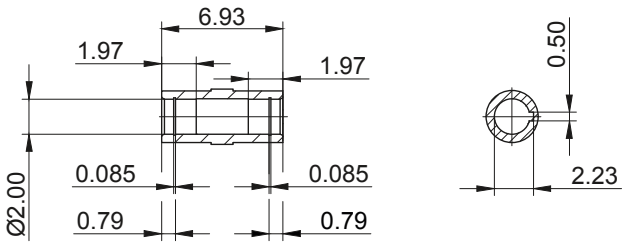
with torque arm

Code -0./

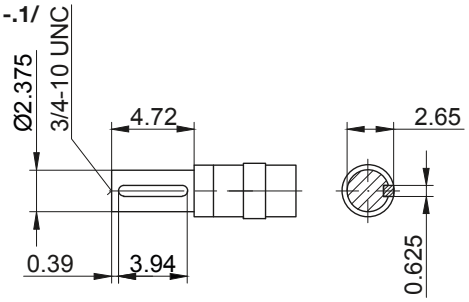




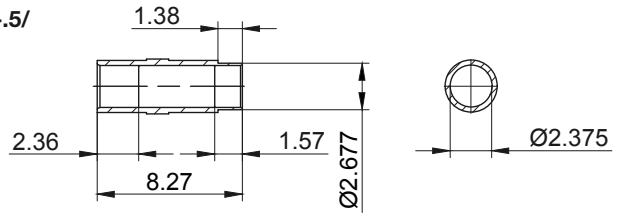
Code -.4/

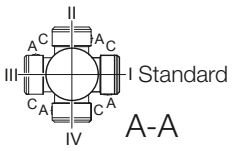


Code -.1/



Code -.5/



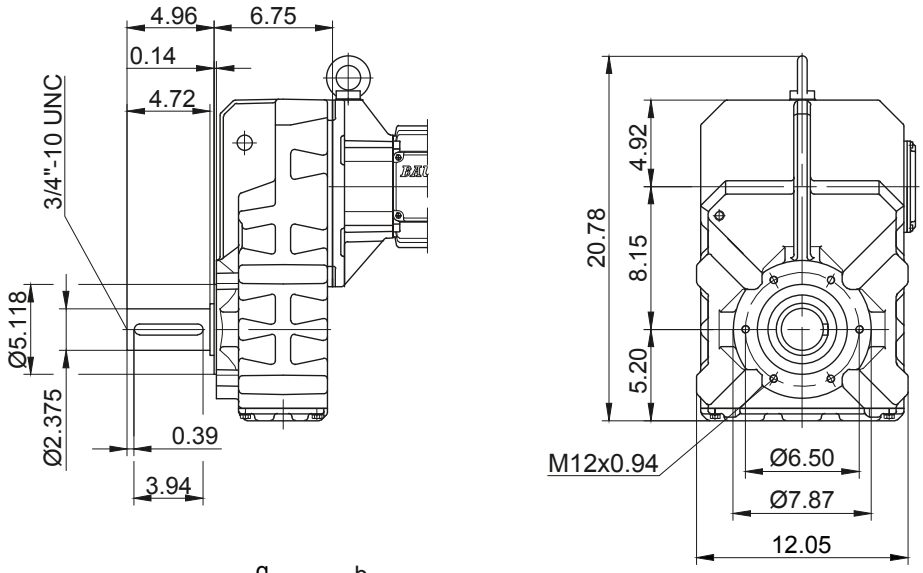


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF50Z-../D..05.A.	6.72	6.10	4.84	19.57	4,00	4.61	21.22	23.61	25.08	-
BF50Z-../D..06.A.	6.70	6.10	4.84	19.56	4,00	4.69	21.21	23.59	25.07	-
BF50Z-../D..07.A.	7.49	6.10	4.84	20.35	4,00	4.69	22.00	24.38	25.86	-
BF50-../D..08.A.	7.85	2.87	6.14	17.48	4.57	5.37	20.08	21.89	24.31	20.08
BF50Z-../D..08.A.	7.85	6.26	6.14	20.87	4.57	5.37	23.46	25.28	27.70	23.46
BF50-../D..08.B.	9.04	2.87	6.14	18.66	4.57	5.37	21.26	23.07	25.47	21.26
BF50Z-../D..08.B.	9.04	6.26	6.14	22.05	4.57	5.37	24.65	26.46	28.86	24.65
BF50-../D..09.A.	9.86	3.44	6.93	20.06	4.94	6.18	23.72	24.30	27.82	23.72
BF50Z-../D..09.A.	9.86	6.83	6.93	23.44	4.94	6.18	27.11	27.68	31.20	27.11
BF50-../D..09.B.	12.15	3.44	6.93	22.34	4.94	6.18	26.00	26.56	30.10	26.00
BF50Z-../D..09.B.	12.15	6.83	6.93	25.73	4.94	6.18	29.39	29.94	33.49	29.39
BF50-../D..11.A.	12.56	3.70	8.58	23.01	6.50	6.93	26.87	27.25	30.89	26.87
BF50-../D..11.B.	15.24	3.70	8.58	25.69	6.50	6.93	29.47	29.93	33.57	29.47
BF50-../D..13.A.	15.47	4.21	10.16	26.44	8.54	8.54	30.81	30.65	34.79	30.69
BF50-../D..16.B.	17.89	4.76	12.20	29.41	9.57	9.57	35.06	33.63	39.14	35.06
BF50-../D..18.B.	21.34	5.63	13.70	33.72	11.34	11.34	39.61	37.88	43.69	39.61
Dimensions in inch										

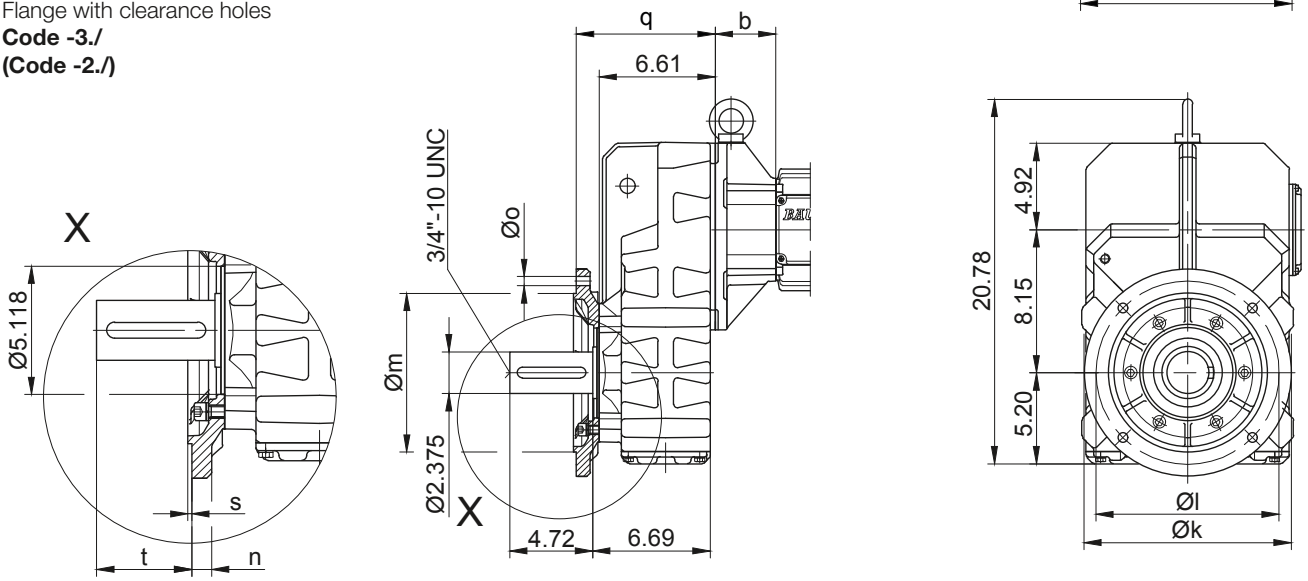
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF50 - BF50Z

Flange with tapped holes
Code -7./

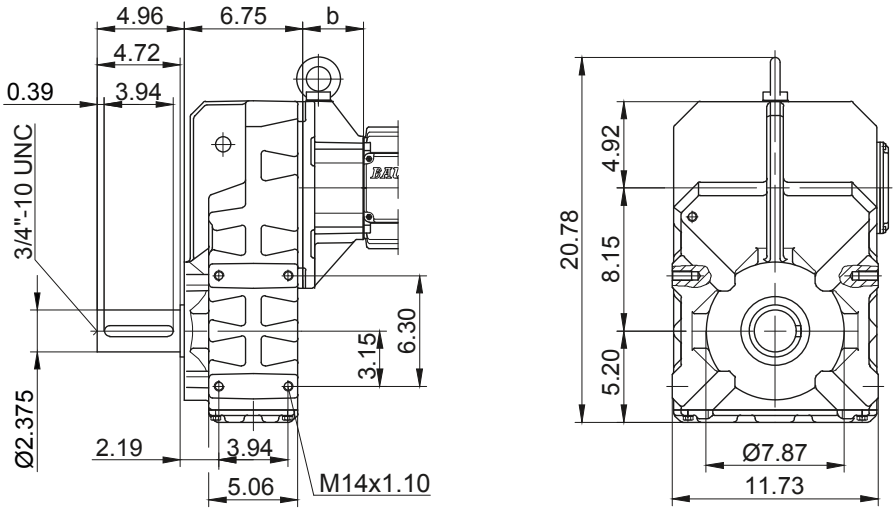


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions										Shaft extension tolerance:
Type	Design	k	l	m	n	o	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BF50..	Code -3./	11.811	10.433	9.055	0.787	0.531	7.913	0.157	3.795	over 1.5 in diameter: +0.000 / -0.001 in
BF50..	Code -2./	9.843	8.465	7.087	0.630	0.531	7.795	0.157	3.913	Flange spigot diameter: +0.0003 / -0.0015 in
Dimensions in inch										

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

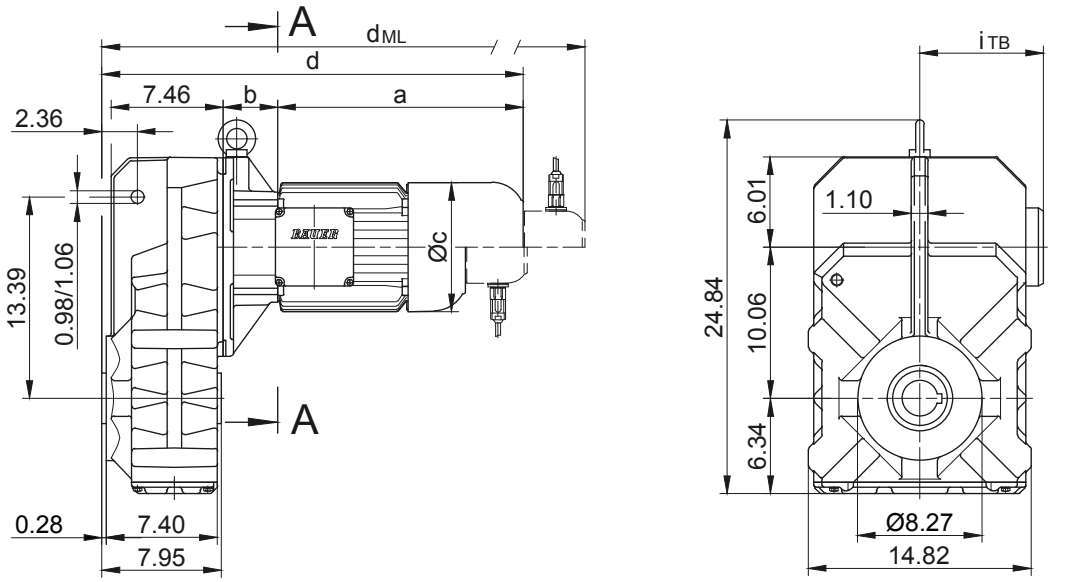
BF-series shaft-mounted geared motors

Dimension - Standard Imperial

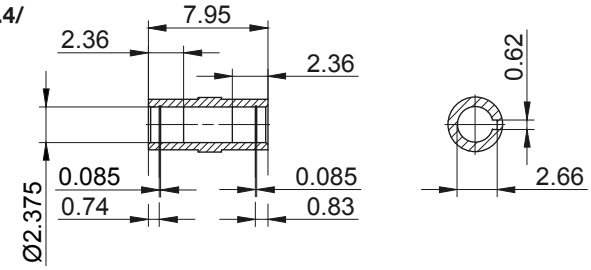
BF60 - BF60Z

with torque arm

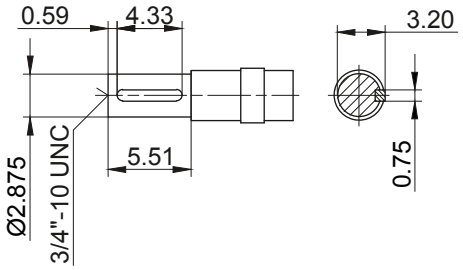
Code -0./



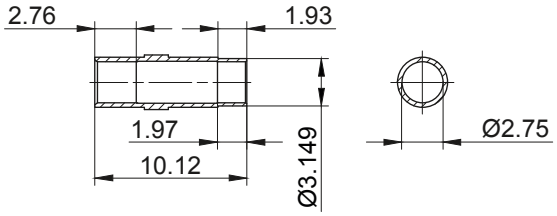
Code -.4/

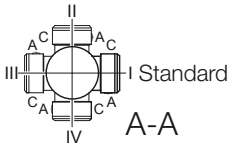


Code -.1/



Code -.5/



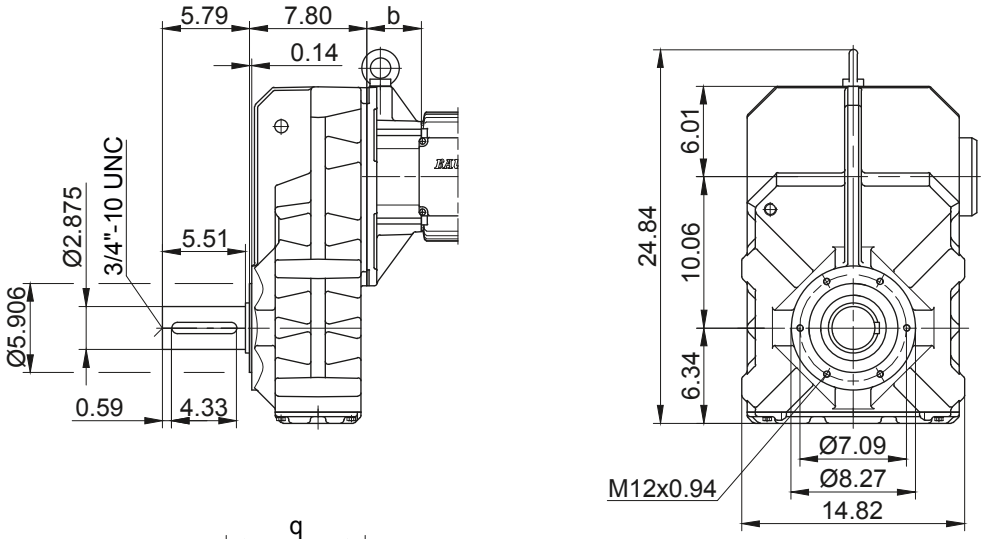


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF60Z-../D..08.A.	7.85	7.13	6.14	22.78	4.57	5.37	25.37	27.19	29.61	25.37
BF60Z-../D..08.B.	9.04	7.13	6.14	23.96	4.57	5.37	26.56	28.37	30.77	26.56
BF60-../D..09.A.	9.86	3.37	6.93	21.02	4.94	6.18	24.69	25.26	28.78	24.69
BF60Z-../D..09.A.	9.86	7.70	6.93	25.35	4.94	6.18	29.02	29.59	33.11	29.02
BF60-../D..09.B.	12.15	3.37	6.93	23.31	4.94	6.18	26.97	27.52	31.07	26.97
BF60Z-../D..09.B.	12.15	7.70	6.93	27.64	4.94	6.18	31.30	31.85	35.40	31.30
BF60-../D..11.A.	12.56	3.62	8.58	23.98	6.50	6.93	27.83	28.21	31.85	27.83
BF60Z-../D..11.A.	12.56	7.95	8.58	28.31	6.50	6.93	32.17	32.54	36.19	32.17
BF60-../D..11.B.	15.24	3.62	8.58	26.65	6.50	6.93	30.43	30.89	34.53	30.43
BF60Z-../D..11.B.	15.24	7.95	8.58	30.98	6.50	6.93	34.76	35.22	38.86	34.76
BF60-../D..13.A.	15.47	4.13	10.16	27.40	8.54	8.54	31.77	31.62	35.75	31.65
BF60-../D..16.B.	17.89	4.69	12.20	30.37	9.57	9.57	36.02	34.59	40.10	36.02
BF60-../D..18.B.	21.34	5.55	13.70	34.69	11.34	11.34	40.57	38.84	44.65	40.57
Dimensions in inch										

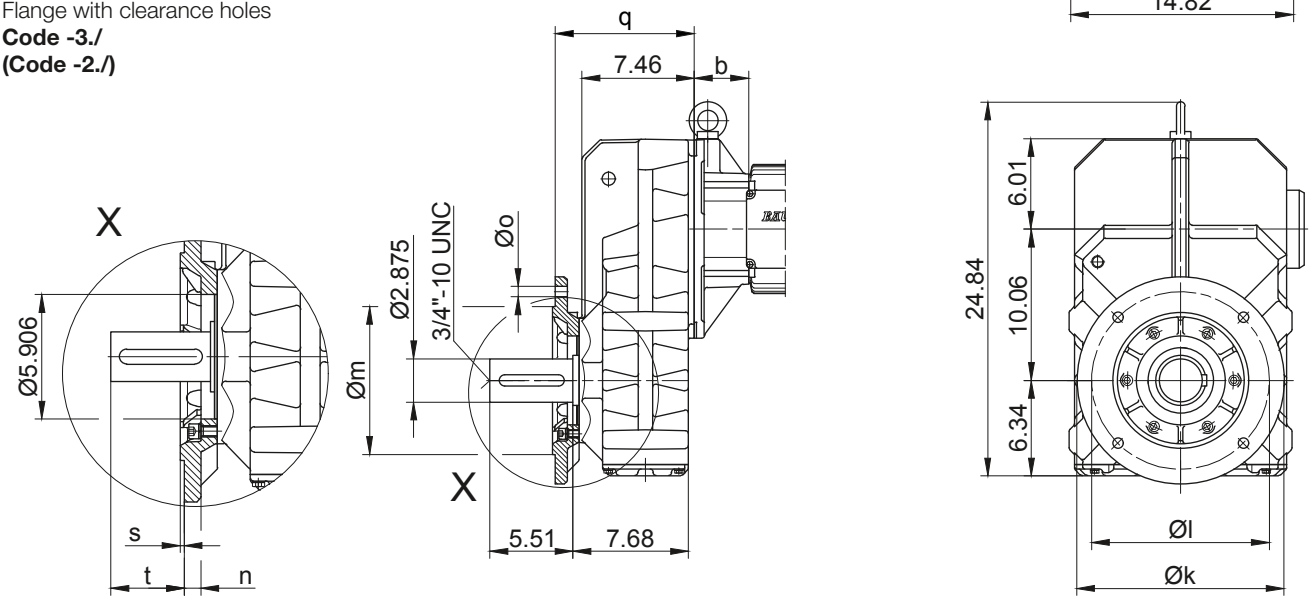
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF60 - BF60Z

Flange with tapped holes
Code -7./

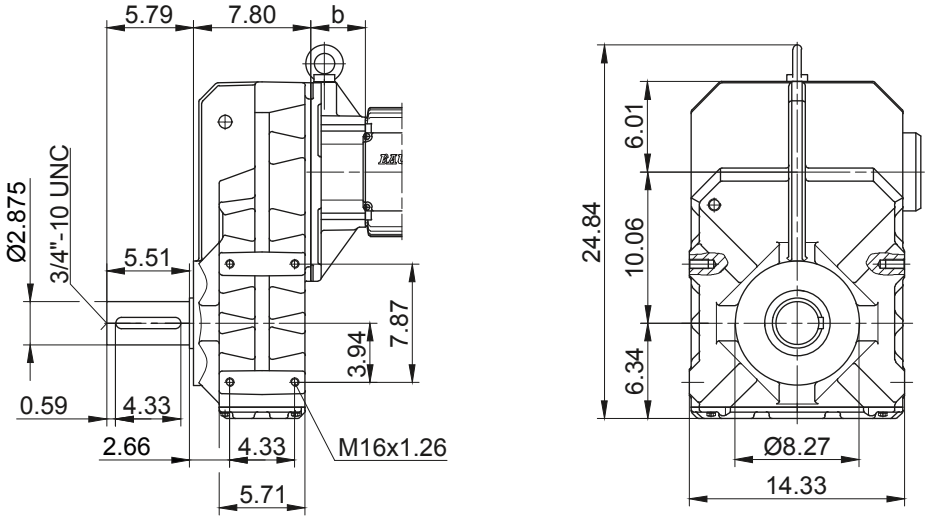


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions										Shaft extension tolerance:
Type	Design	k	l	m	n	o	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BF60..	Code -3./	13.780	11.811	9.843	0.787	0.689	9.232	0.197	4.349	over 1.5 in diameter: +0.000 / -0.001 in
BF60..	Code -2./	11.811	10.433	9.055	0.787	0.531	9.547	0.157	4.034	Flange spigot diameter: +0.0003 / -0.0015 in
Dimensions in inch										

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

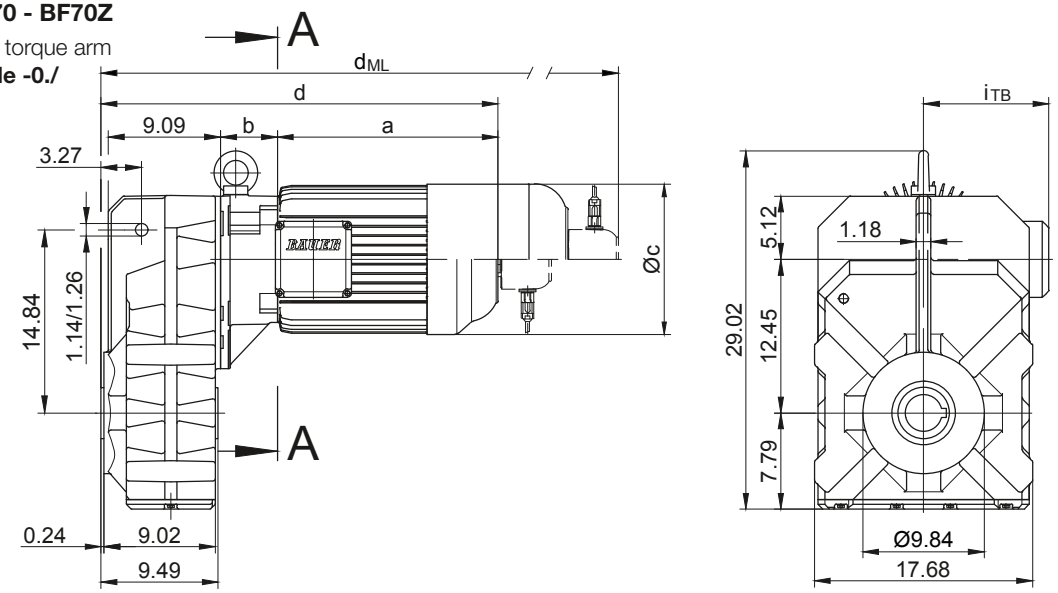
BF-series shaft-mounted geared motors

Dimension - Standard Imperial

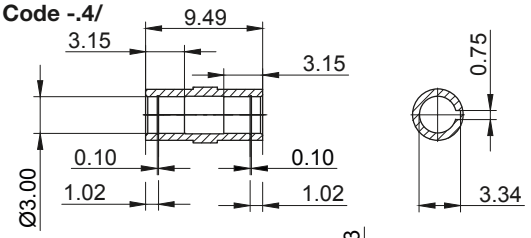
BF70 - BF70Z

with torque arm

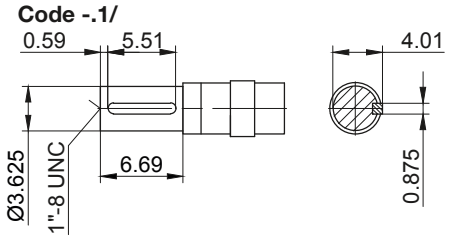
Code -0./



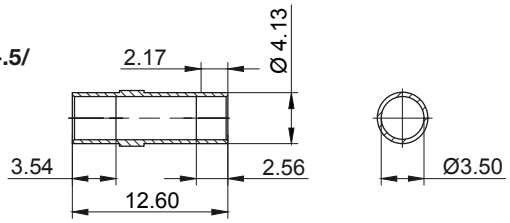
Code -.4/



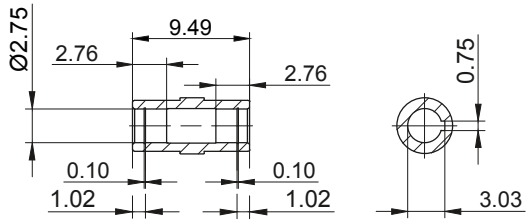
Code -.1/

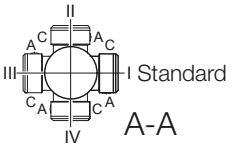


Code -.5/



Code -.4/K70



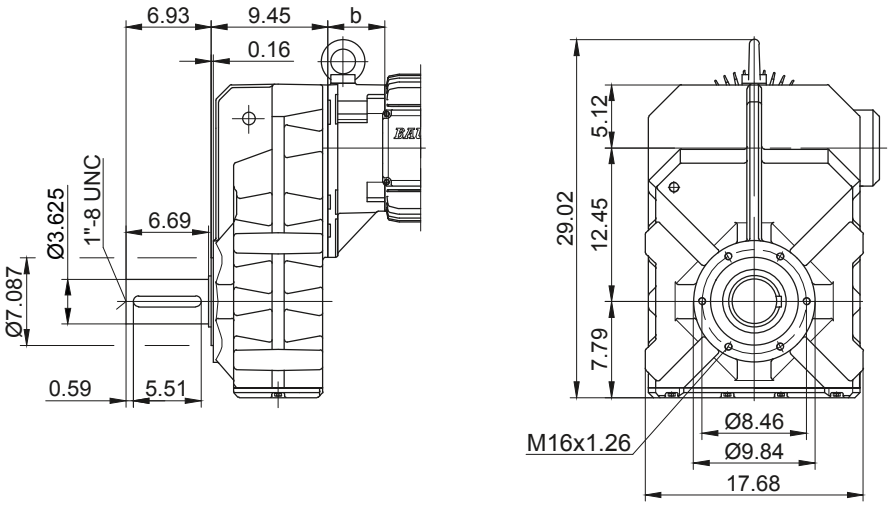


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF70Z-../D..08.A.	7.85	7.95	6.14	25.26	4.57	5.37	27.85	29.67	32.09	27.85
BF70Z-../D..08.B.	9.04	7.95	6.14	26.44	4.57	5.37	29.04	30.85	33.25	29.04
BF70-../D..09.A.	9.86	3.29	6.93	22.60	4.94	6.18	26.26	26.83	30.36	26.26
BF70Z-../D..09.A.	9.86	8.52	6.93	27.83	4.94	6.18	31.50	32.07	35.59	31.50
BF70-../D..09.B.	12.15	3.29	6.93	24.88	4.94	6.18	28.54	29.10	32.64	28.54
BF70Z-../D..09.B.	12.15	8.52	6.93	30.12	4.94	6.18	33.78	34.33	37.88	33.78
BF70-../D..11.A.	12.56	3.54	8.58	25.55	6.50	6.93	29.41	29.79	33.43	29.41
BF70Z-../D..11.A.	12.56	8.78	8.58	30.79	6.50	6.93	34.65	35.02	38.67	34.65
BF70-../D..11.B.	15.24	3.54	8.58	28.23	6.50	6.93	32.01	32.46	36.11	32.01
BF70Z-../D..11.B.	15.24	8.78	8.58	33.46	6.50	6.93	37.24	37.70	41.34	37.24
BF70-../D..13.A.	15.47	4.06	10.16	28.98	8.54	8.54	33.35	33.19	37.33	33.23
BF70Z-../D..13.A.	15.47	9.29	10.16	34.21	8.54	8.54	38.58	38.43	42.56	38.46
BF70-../D..16.B.	17.89	4.61	12.20	31.95	9.57	9.57	37.60	36.17	41.68	37.60
BF70Z-../D..16.B.	17.89	9.84	12.20	37.19	9.57	9.57	42.83	41.40	46.91	42.83
BF70-../D..18.B.	21.34	5.47	13.70	36.26	11.34	11.34	42.15	40.42	46.22	42.15
BF70Z-../D..18.B.	21.34	10.71	13.70	41.50	11.34	11.34	47.38	45.65	51.46	47.38
BF70-../D..22S.B.	27.70	6.14	14.29	43.29	11.89	11.89	48.31	47.44	52.46	43.29
BF70-../D..22M.B.	27.70	6.14	14.29	43.29	11.89	11.89	48.31	47.44	52.46	43.29
Dimensions in inch										

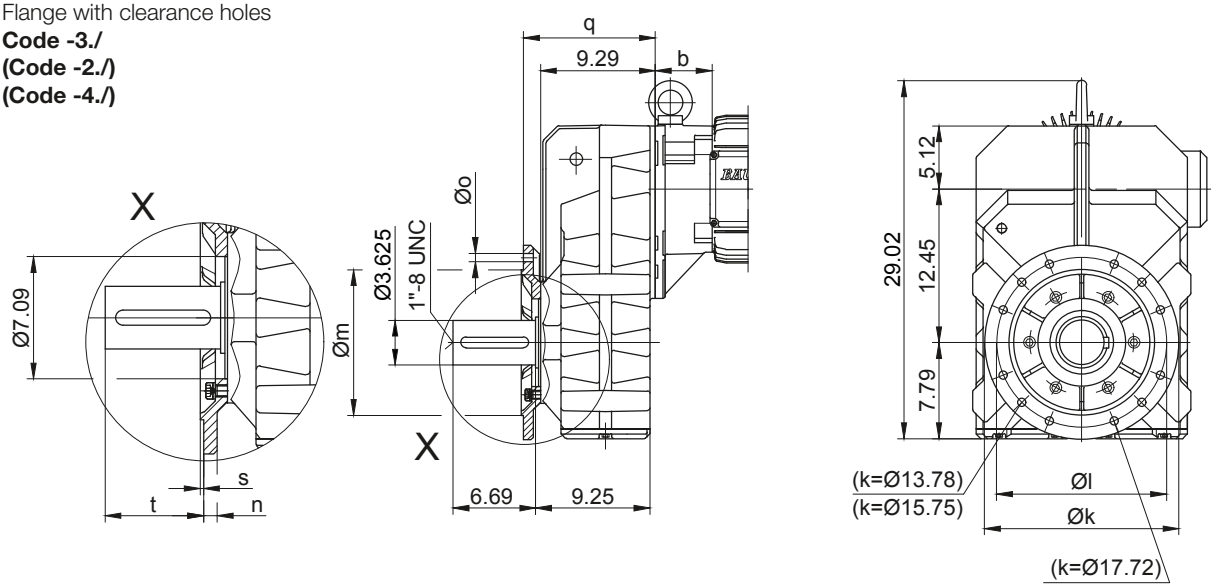
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF70 - BF70Z

Flange with tapped holes
Code -7./



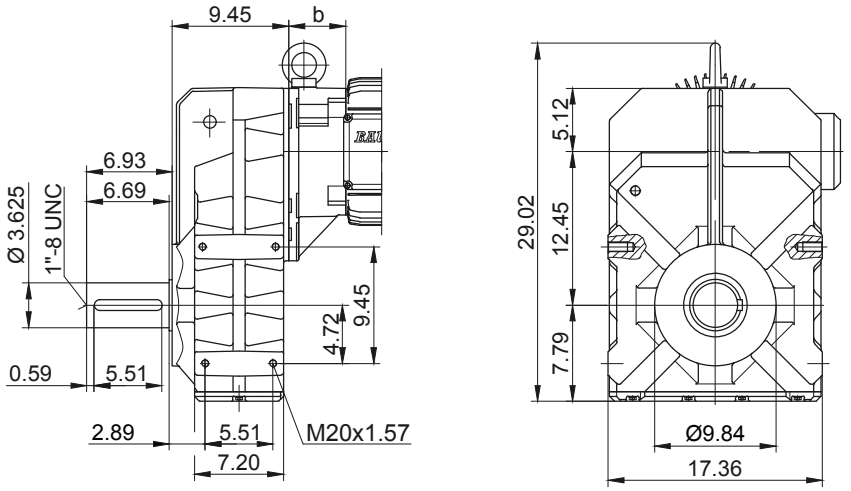
Flange with clearance holes
Code -3./
(Code -2./)
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF70..	Code -3./	15.748	13.780	11.811	0.787	4 x 0.689	10.669	0.197	5.706
BF70..	Code -2./	13.780	11.811	9.843	0.787	4 x 0.689	10.669	0.197	5.706
BF70..	Code -4./	17.717	15.748	13.780	0.866	8 x 0.689	11.063	0.197	5.312
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

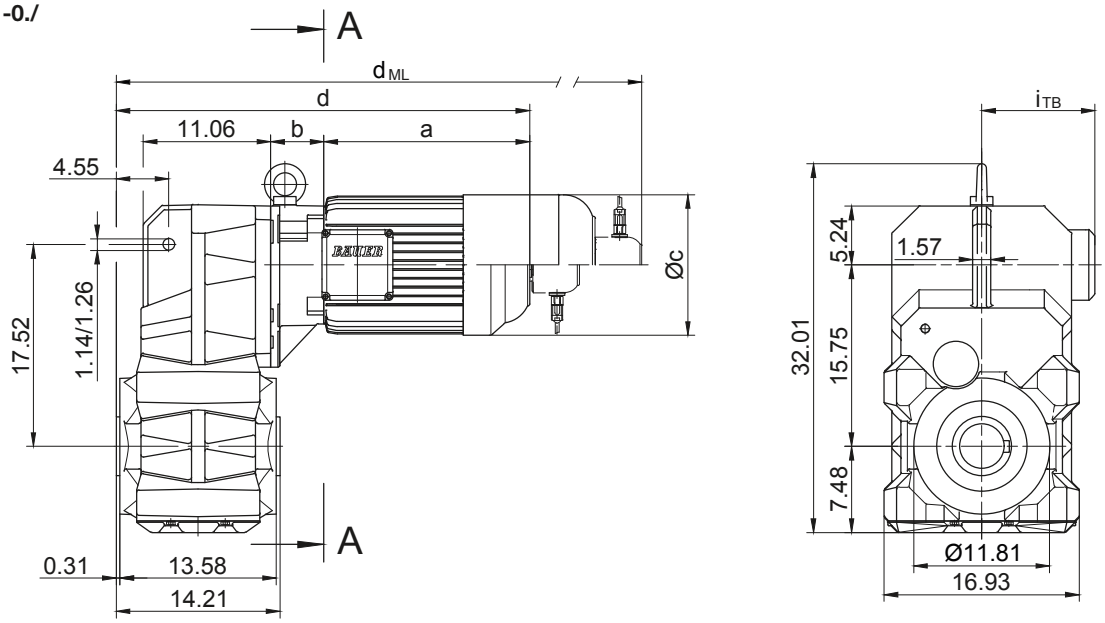
BF-series shaft-mounted geared motors

Dimension - Standard Imperial

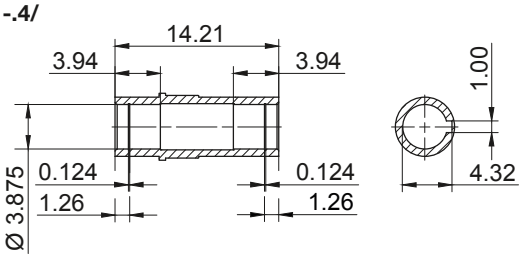
BF80 - BF80Z

with torque arm

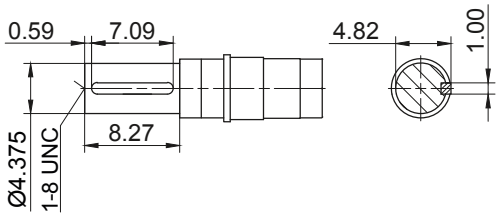
Code -0./



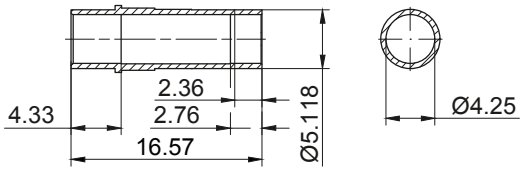
Code -.4/

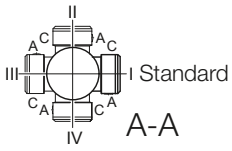


Code -.1/



Code -.5/



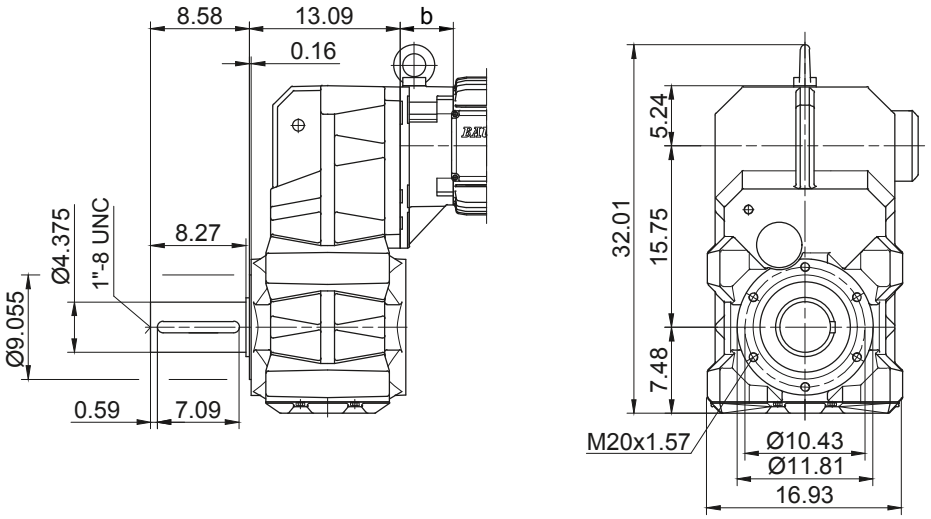


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF80Z-../D..08.A.	7.85	7.95	6.14	28.90	4.57	5.37	31.50	33.31	35.73	31.50
BF80-../D..09.A.	9.86	3.29	6.93	26.24	4.94	6.18	29.90	30.48	34.00	29.90
BF80Z-../D..09.A.	9.86	8.52	6.93	31.48	4.94	6.18	35.14	35.71	39.24	35.14
BF80-../D..09.B.	12.15	3.29	6.93	28.52	4.94	6.18	32.19	32.74	36.28	32.19
BF80Z-../D..09.B.	12.15	8.52	6.93	33.76	4.94	6.18	37.42	37.98	41.52	37.42
BF80-../D..11.A.	12.56	3.54	8.58	29.19	6.50	6.93	33.05	33.43	37.07	33.05
BF80Z-../D..11.A.	12.56	8.78	8.58	34.43	6.50	6.93	38.29	38.67	42.31	38.29
BF80-../D..11.B.	15.24	3.54	8.58	31.87	6.50	6.93	35.65	36.11	39.75	35.65
BF80Z-../D..11.B.	15.24	8.78	8.58	37.11	6.50	6.93	40.89	41.34	44.98	40.89
BF80-../D..13.A.	15.47	4.06	10.16	32.62	8.54	8.54	36.99	36.83	40.97	36.87
BF80Z-../D..13.A.	15.47	9.29	10.16	37.85	8.54	8.54	42.22	42.07	46.20	42.11
BF80-../D..16.B.	17.89	4.61	12.20	35.59	9.57	9.57	41.24	39.81	45.32	41.24
BF80Z-../D..16.B.	17.89	9.84	12.20	40.83	9.57	9.57	46.48	45.04	50.56	46.48
BF80-../D..18.B.	21.34	5.47	13.70	39.90	11.34	11.34	45.79	44.06	49.87	45.79
BF80Z-../D..18.B.	21.34	10.71	13.70	45.14	11.34	11.34	51.02	49.30	55.10	51.02
BF80-../D..22S.B.	27.70	6.14	14.29	46.93	11.89	11.89	51.95	51.09	56.11	46.93
BF80-../D..22M.B.	27.70	6.14	14.29	46.93	11.89	11.89	51.95	51.09	56.11	46.93
Dimensions in inch										

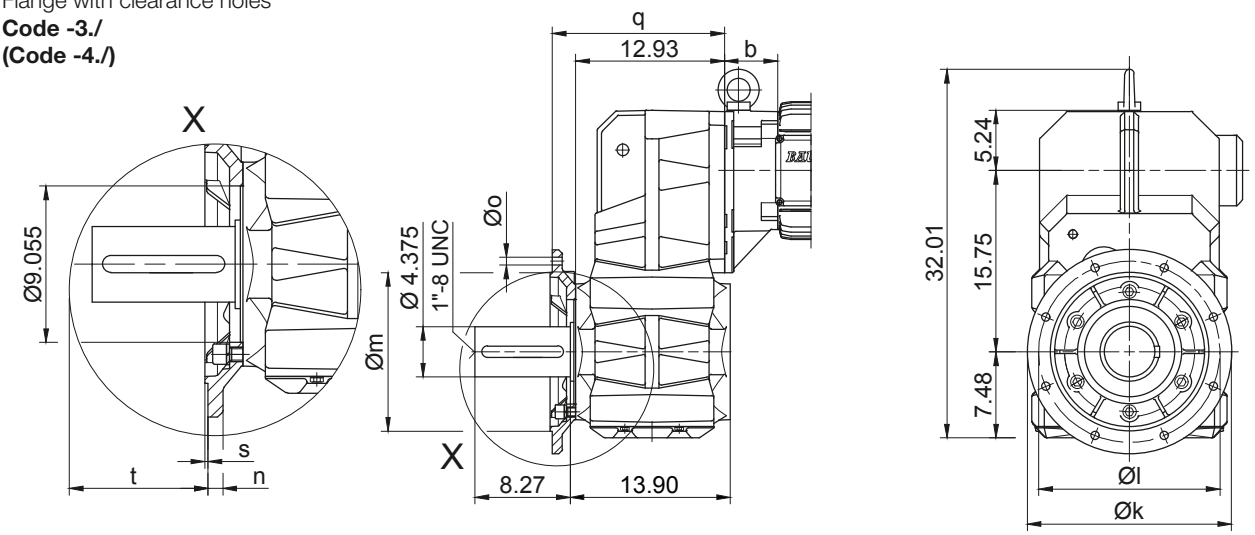
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF80 - BF80Z

Flange with tapped holes
Code -7./



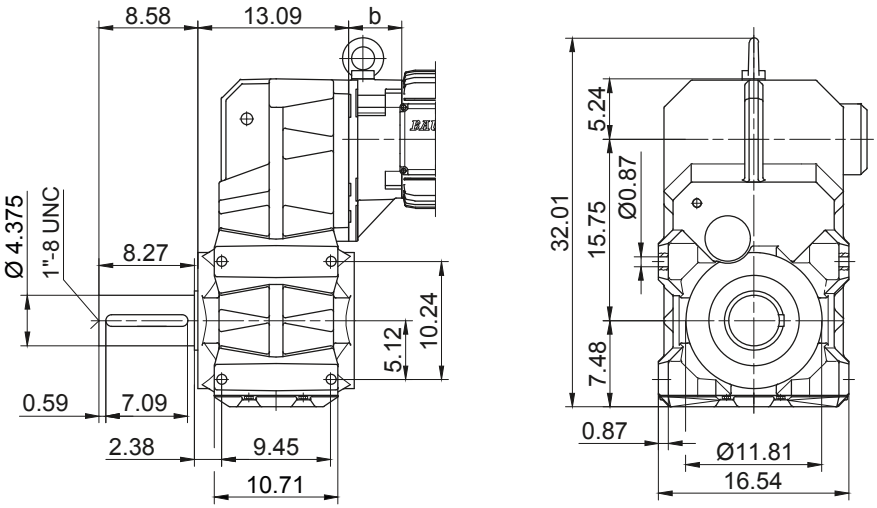
Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF80..	Code -3./	17.717	15.748	13.780	0.866	0.689	15.098	0.197	6.577
BF80..	Code -4./	21.654	19.685	17.717	0.866	0.689	15.295	0.197	6.380
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with clearance holes left and right
Code -1.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

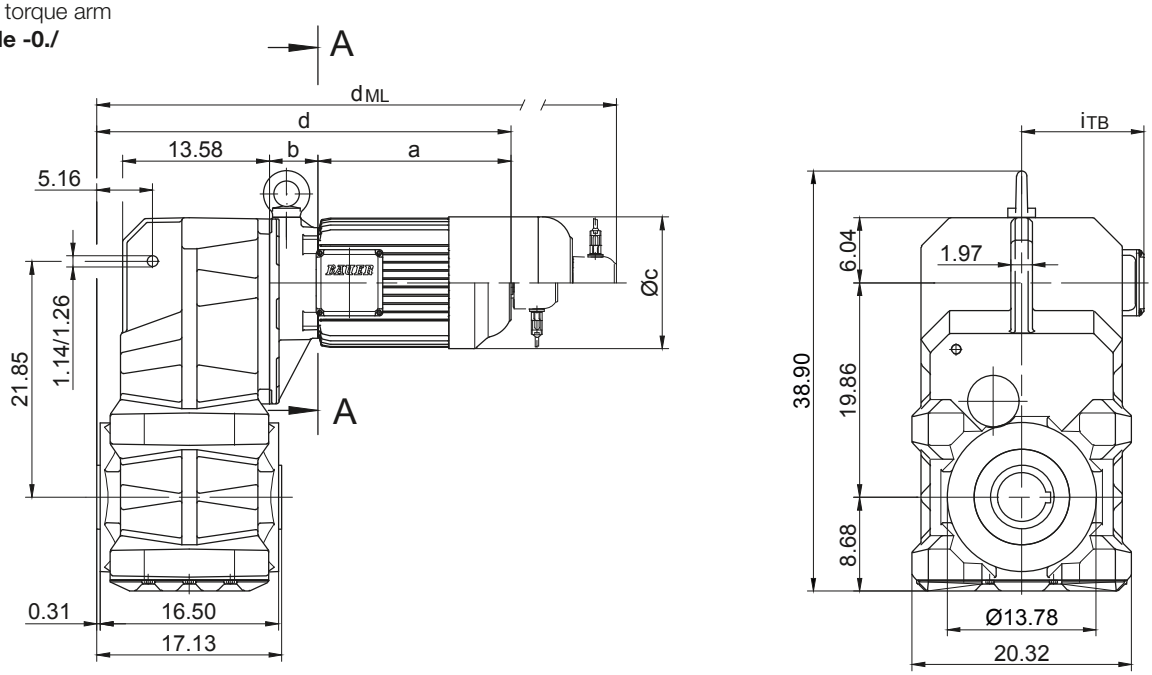
BF-series shaft-mounted geared motors

Dimension - Standard Imperial

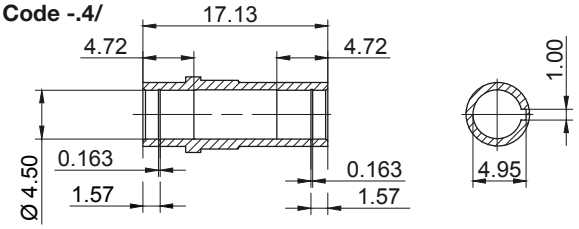
BF90 - BF90Z

with torque arm

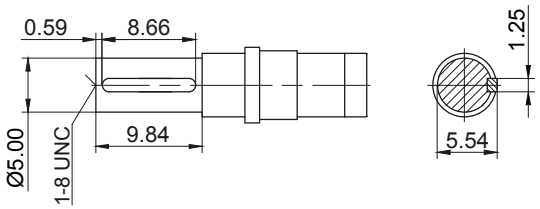
Code -0./



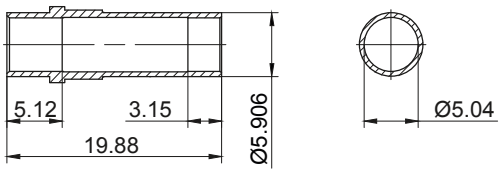
Code -.4/

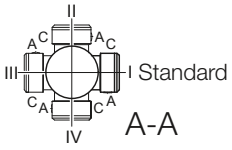


Code -.1/



Code -.5/



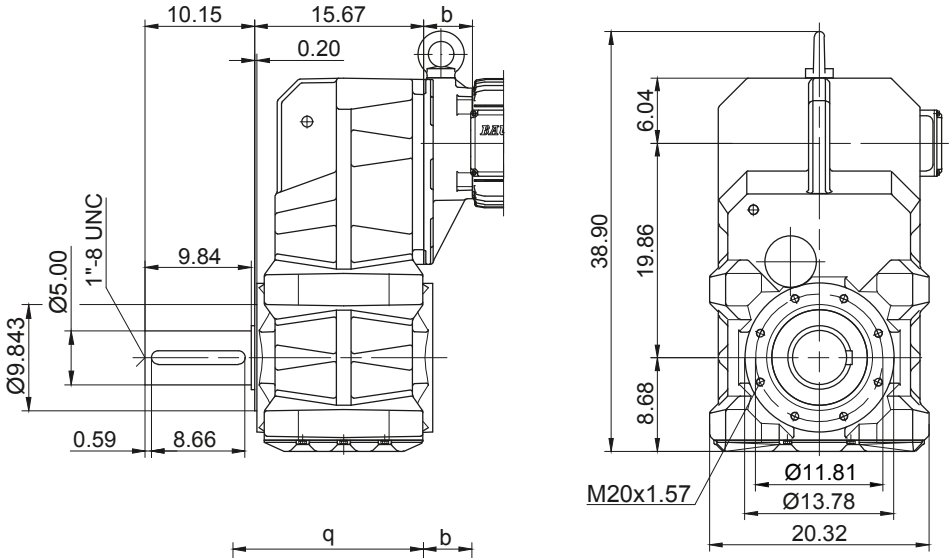


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF90Z-../D..09.A.	9.86	9.94	6.93	35.47	4.94	6.18	39.13	39.71	43.23	39.13
BF90Z-../D..09.B.	12.15	9.94	6.93	37.76	4.94	6.18	41.42	41.97	45.52	41.42
BF90-../D..11.A.	12.56	3.43	8.58	31.65	6.50	6.93	35.51	35.89	39.53	35.51
BF90Z-../D..11.A.	12.56	10.20	8.58	38.43	6.50	6.93	42.28	42.66	46.30	42.28
BF90-../D..11.B.	15.24	3.43	8.58	34.33	6.50	6.93	38.11	38.57	42.21	38.11
BF90Z-../D..11.B.	15.24	10.20	8.58	41.10	6.50	6.93	44.88	45.34	48.98	44.88
BF90-../D..13.A.	15.47	3.94	10.16	35.08	8.54	8.54	39.45	39.30	43.43	39.33
BF90Z-../D..13.A.	15.47	10.71	10.16	41.85	8.54	8.54	46.22	46.07	50.20	46.10
BF90-../D..16.B.	17.89	4.49	12.20	38.05	9.57	9.57	43.70	42.27	47.78	43.70
BF90Z-../D..16.B.	17.89	11.26	12.20	44.82	9.57	9.57	50.47	49.04	54.55	50.47
BF90-../D..18.B.	21.34	5.35	13.70	42.36	11.34	11.34	48.25	46.52	52.33	48.25
BF90Z-../D..18.B.	21.34	12.13	13.70	49.13	11.34	11.34	55.02	53.29	59.10	55.02
BF90-../D..22S.B.	27.70	6.02	14.29	49.39	11.89	11.89	54.41	53.55	58.57	49.39
BF90-../D..22M.B.	27.70	6.02	14.29	49.39	11.89	11.89	54.41	53.55	58.57	49.39
Dimensions in inch										

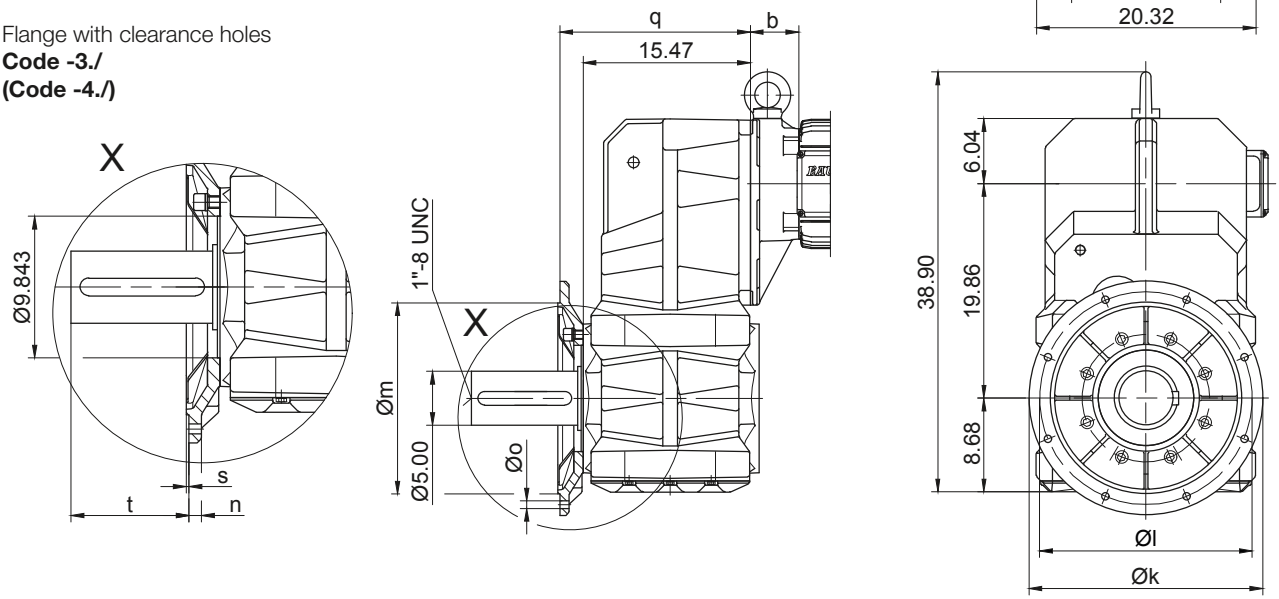
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF90 - BF90Z

Flange with tapped holes
Code -7./



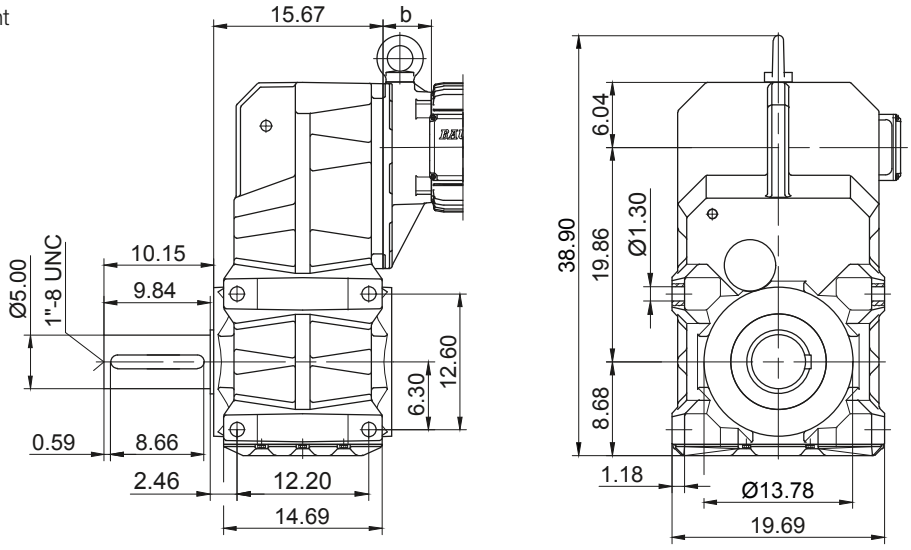
Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF90..	Code -3./	21.654	19.685	17.717	0.866	0.689	17.638	0.197	8.186
BF90..	Code -4./	25.984	23.622	21.654	0.984	0.866	17.402	0.236	8.423
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with clearance holes left and right
Code -1.LR/



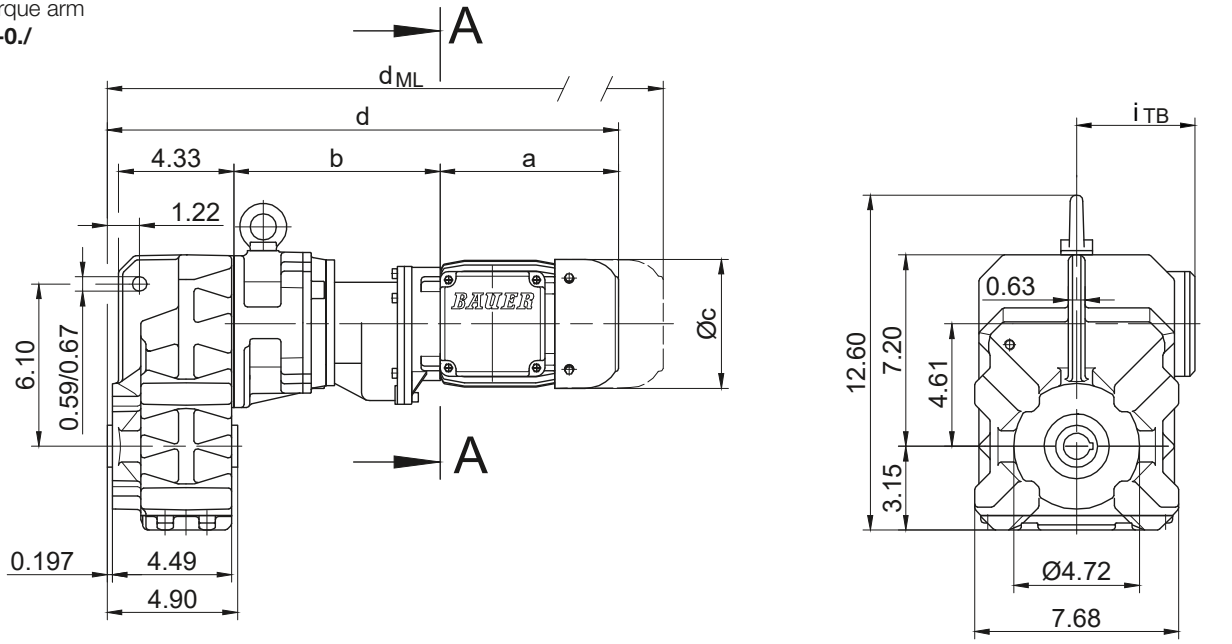
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

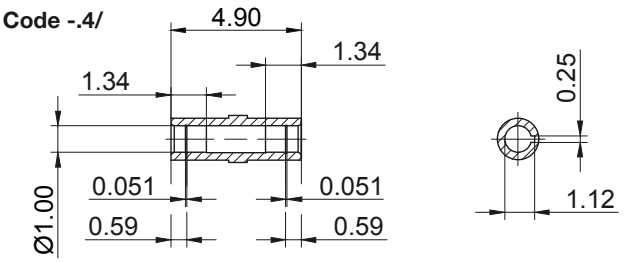
Dimension -Tandem Gearbox Imperial

BF10G06

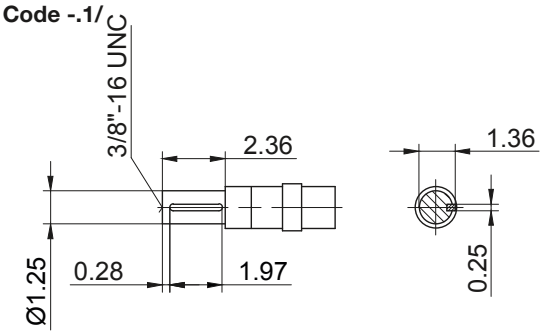
with torque arm
Code -0./



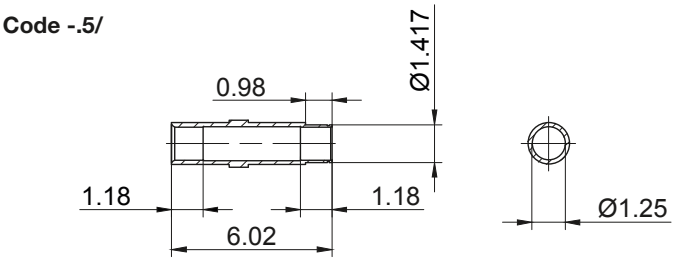
Code -.4/

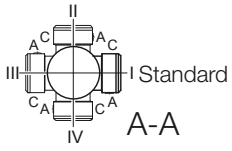


Code -.1/



Code -.5/



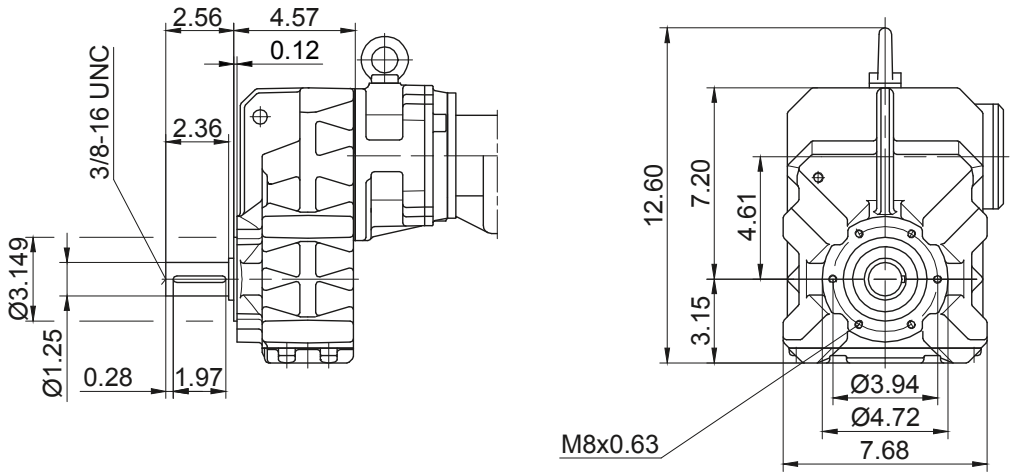


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF10G06-../D04.A.	5.61	7.68	4.35	17.85	3.54	4.41	19.57	21.30	23.01	-
BF10G06-../D..05.A.	6.72	7.76	4.84	19.04	4,00	4.61	20.69	23.07	24.55	-
BF10G06-../D..06.A.	6.70	7.76	4.84	19.03	4,00	4.69	20.68	23.06	24.54	-
BF10G06-../D..07.A.	7.49	7.76	4.84	19.81	4,00	4.69	21.47	23.85	25.33	-
BF10G06-../D..08.A.	7.85	9.49	6.14	21.91	4.57	5.37	24.51	26.32	28.74	24.51
BF10G06-../D..08.B.	9.04	9.49	6.14	23.09	4.57	5.37	25.69	27.50	29.90	25.69
Dimensions in inch										

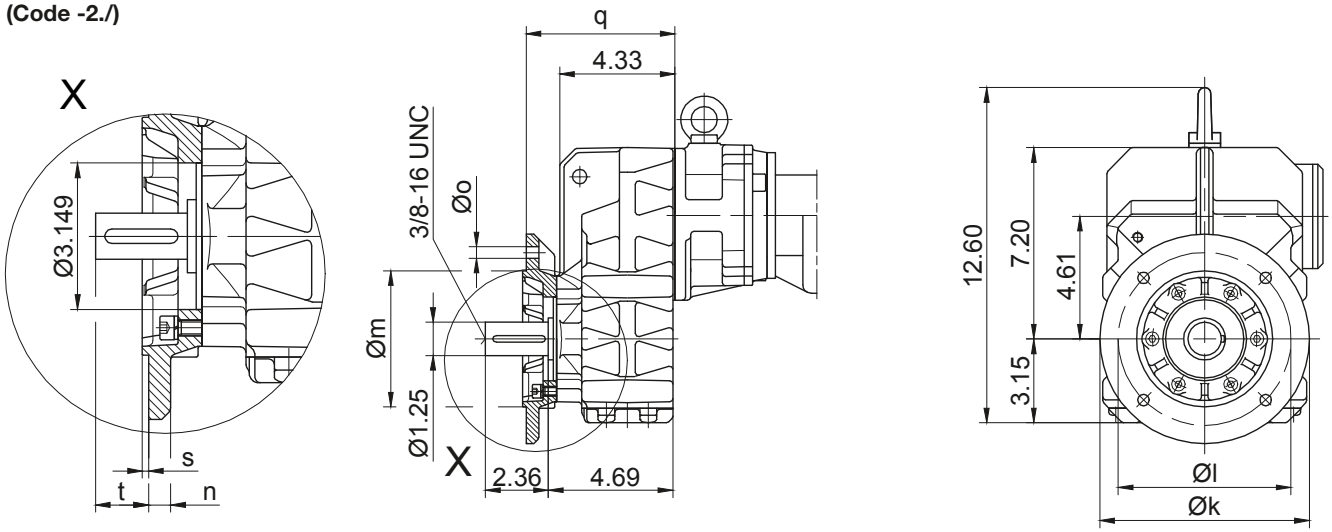
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF10G06

Flange with tapped holes
Code -7./



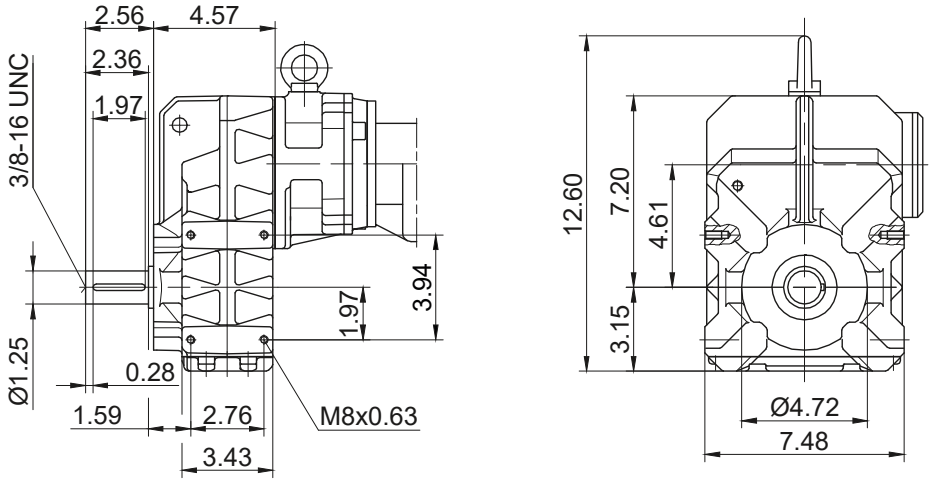
Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF10..	Code -3./	7.874	6.496	5.118	0.472	0.433	5.591	0.138	1.533
BF10..	Code -2./	6.299	5.118	4.331	0.394	0.354	5.315	0.138	1.809
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

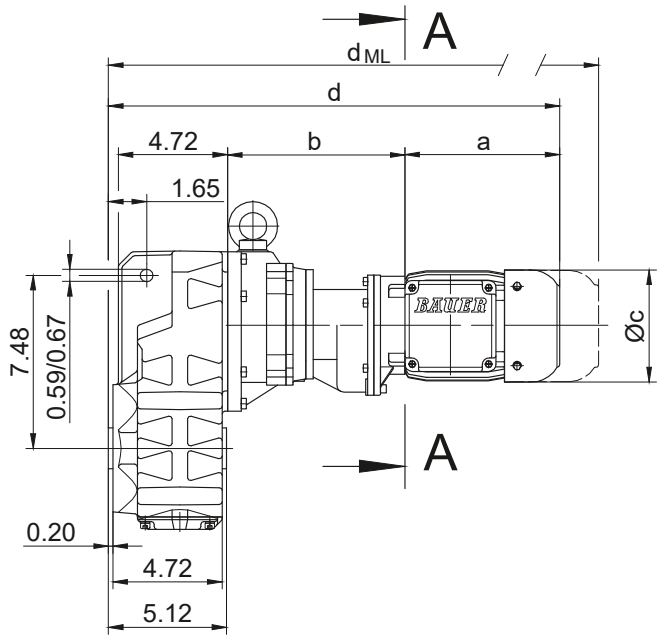
BF-series shaft-mounted geared motors

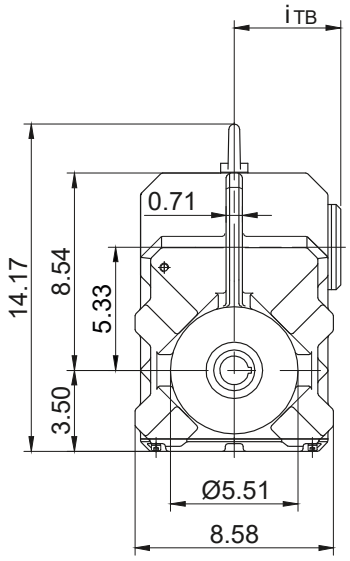
Dimension -Tandem Gearbox Imperial

BF20G06

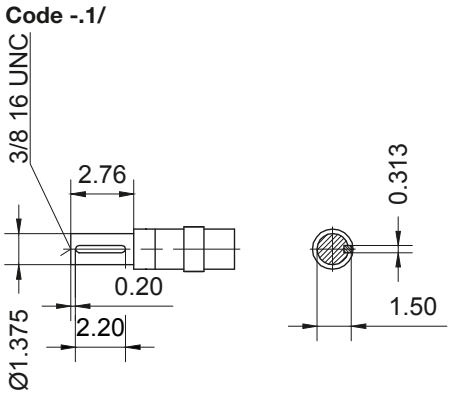
with torque arm

Code -0./

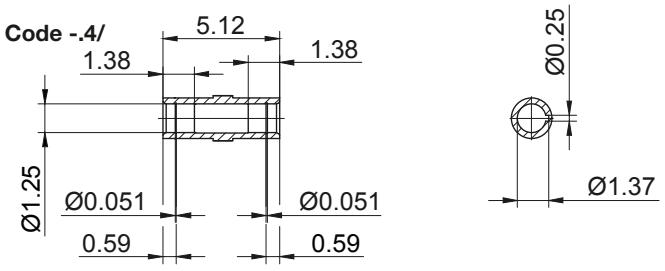




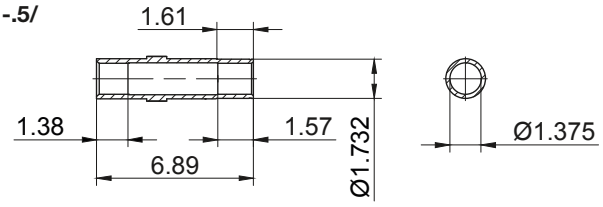
Code -.1/

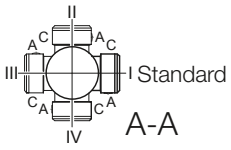


Code -.4/



Code -.5/



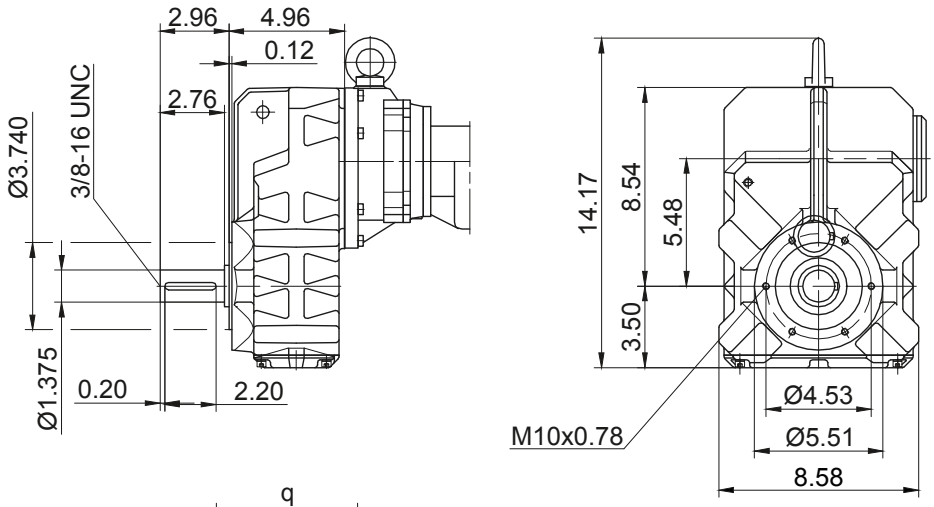


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF20G06-.../D04.A.	5.61	7.60	4.35	18.17	3.54	4.41	19.88	21.61	23.32	-
BF20G06-.../D..05.A.	6.72	7.68	4.84	19.35	4,00	4.61	21.01	23.39	24.87	-
BF20G06-.../D..06.A.	6.70	7.68	4.84	19.34	4,00	4.69	21.00	23.38	24.85	-
BF20G06-.../D..07.A.	7.49	7.68	4.84	20.13	4,00	4.69	21.78	24.17	25.64	-
BF20G06-.../D..08.A.	7.85	9.41	6.14	22.22	4.57	5.37	24.82	26.63	29.06	24.82
BF20G06-.../D..08.B.	9.04	9.41	6.14	23.41	4.57	5.37	26.00	27.81	30.22	26.00
Dimensions in inch										

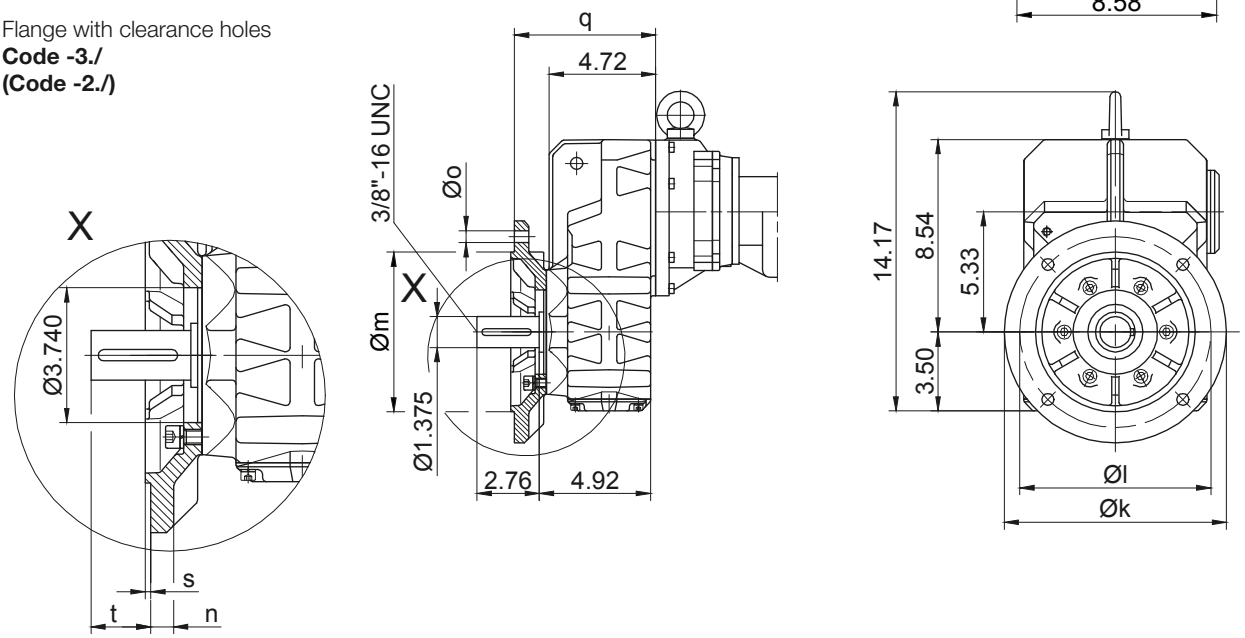
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF20G06

Flange with tapped holes
Code -7./



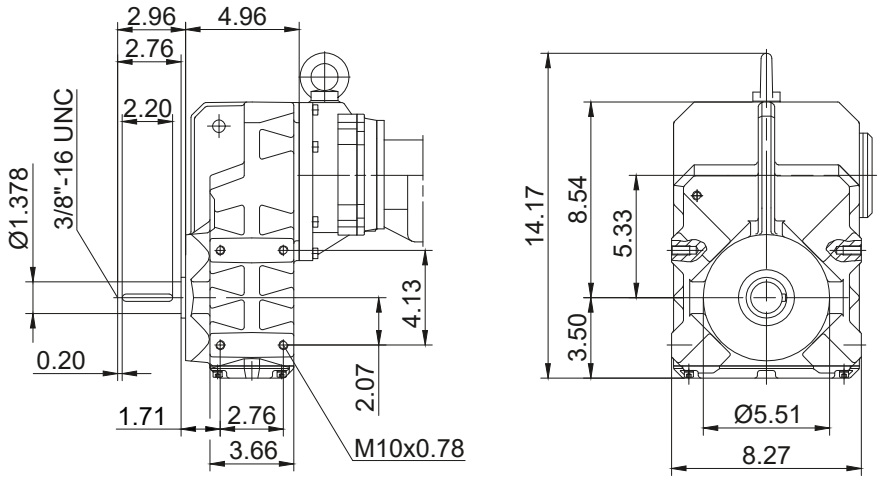
Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF20..	Code -3./	9.843	8.465	7.087	0.630	0.531	6.260	0.157	1.658
BF20..	Code -2./	7.874	6.496	5.118	0.472	0.433	5.906	0.138	2.012
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

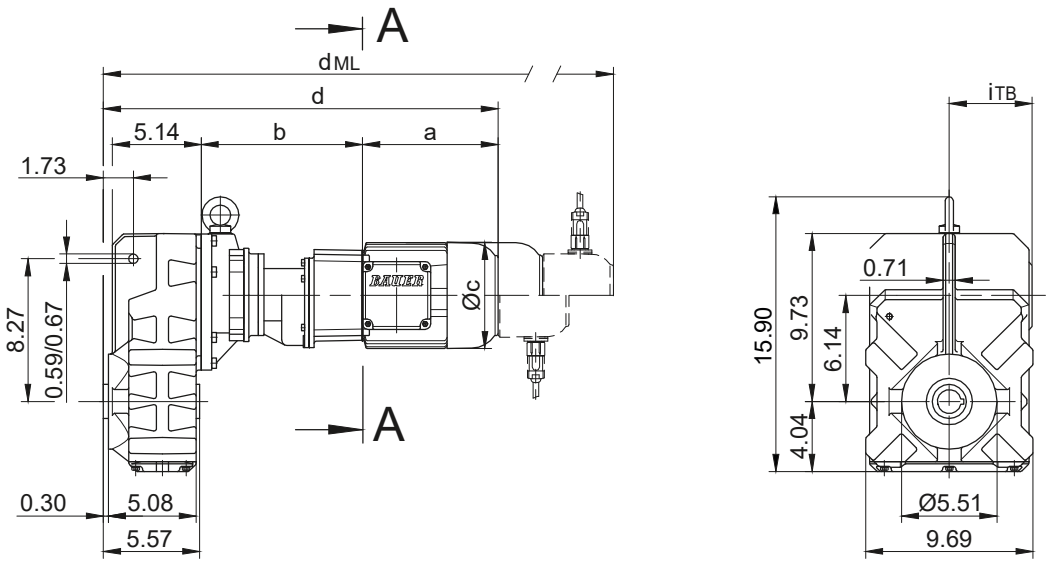
BF-series shaft-mounted geared motors

Dimension -Tandem Gearbox Imperial

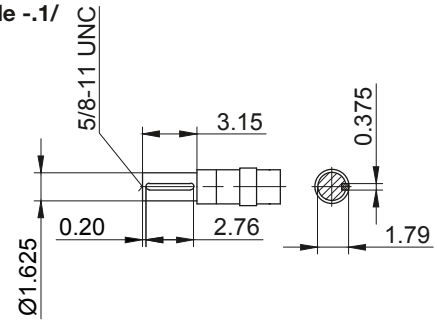
BF30G06

with torque arm

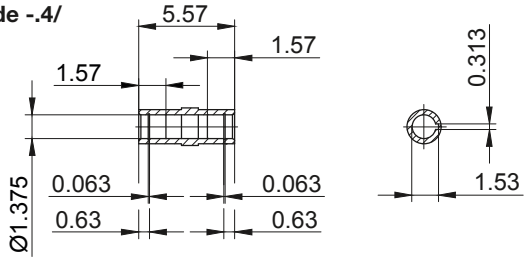
Code -0./



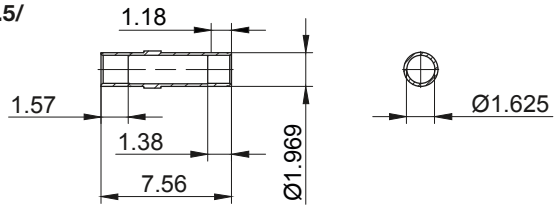
Code -.1/

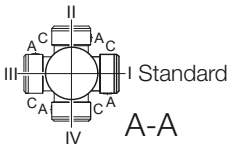


Code -.4/



Code -.5/



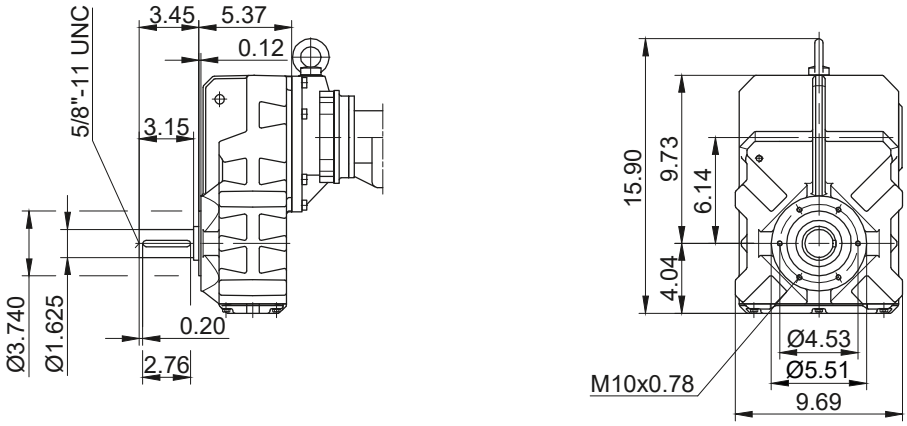


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF30G06-../D04.A.	5.61	7.52	4.35	18.50	3.54	4.41	20.22	21.94	23.66	-
BF30G06-../D..05.A.	6.72	7.60	4.84	19.69	4,00	4.61	21.34	23.72	25.20	-
BF30G06-../D..06.A.	6.70	7.60	4.84	19.68	4,00	4.69	21.33	23.71	25.19	-
BF30G06-../D..07.A.	7.49	7.60	4.84	20.46	4,00	4.69	22.12	24.50	25.98	-
BF30G06-../D..08.A.	7.85	9.33	6.14	22.56	4.57	5.37	25.16	26.97	29.39	25.16
BF30G06-../D..08.B.	9.04	9.33	6.14	23.74	4.57	5.37	26.34	28.15	30.55	26.34
Dimensions in inch										

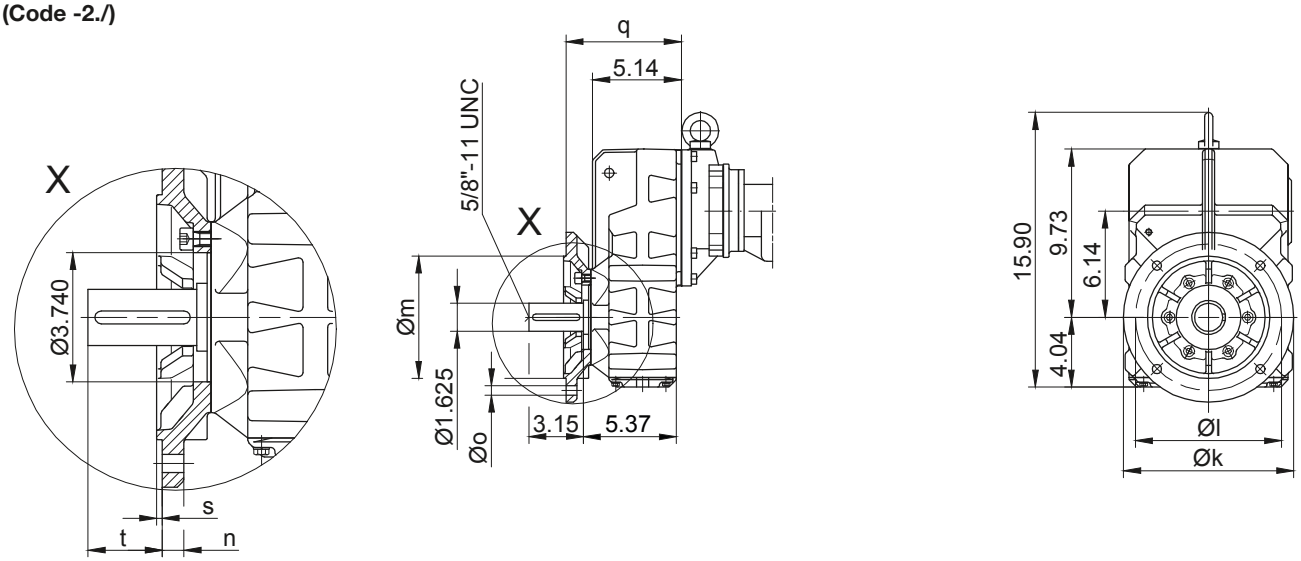
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF30G06

Flange with tapped holes
Code -7./



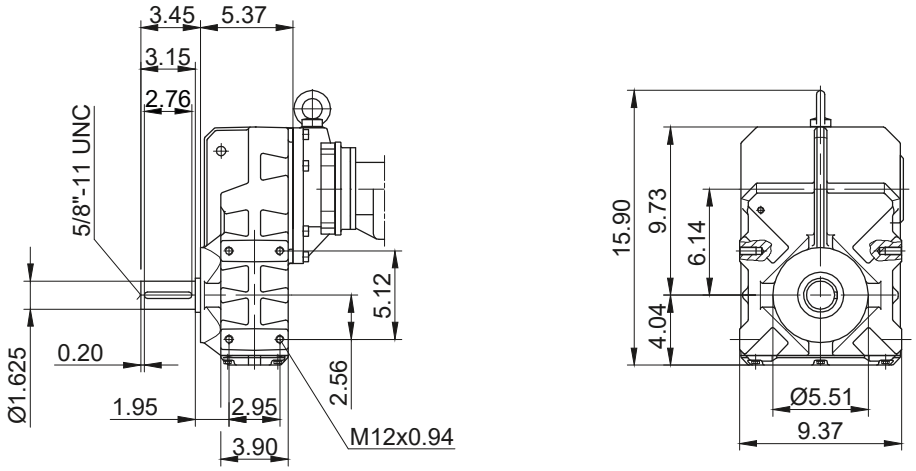
Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF30..	Code -3./	9.843	8.465	7.087	0.630	0.531	6.673	0.157	2.146
BF30..	Code -2./	7.874	6.496	5.118	0.472	0.433	6.319	0.138	2.500
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

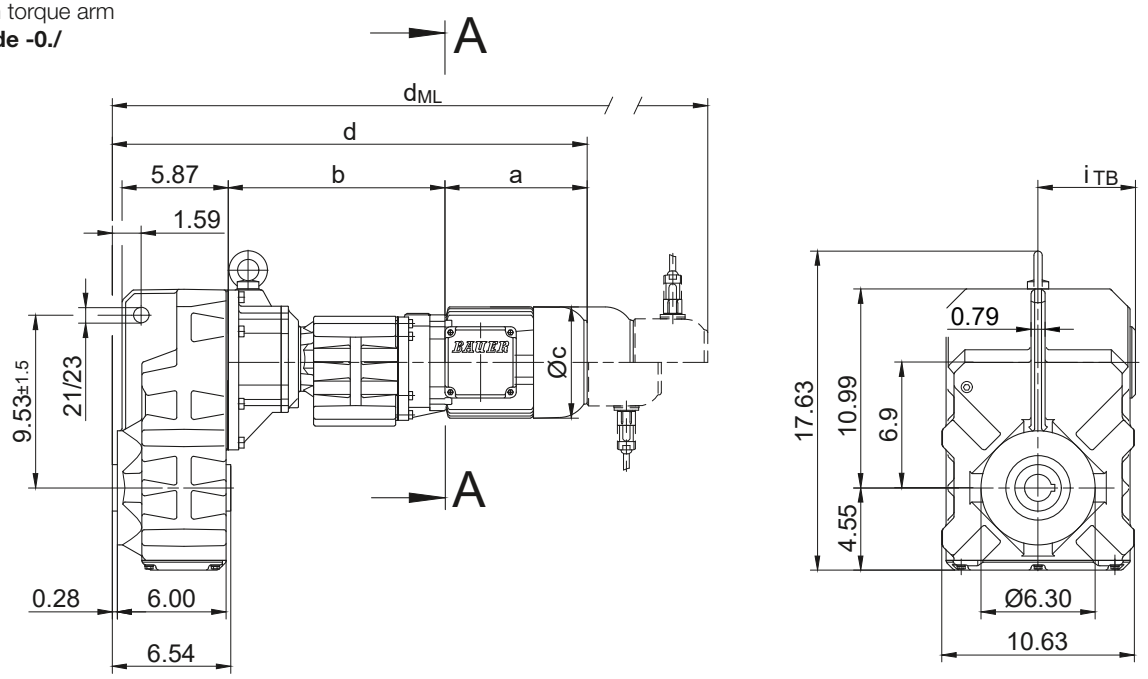
BF-series shaft-mounted geared motors

Dimension -Tandem Gearbox Imperial

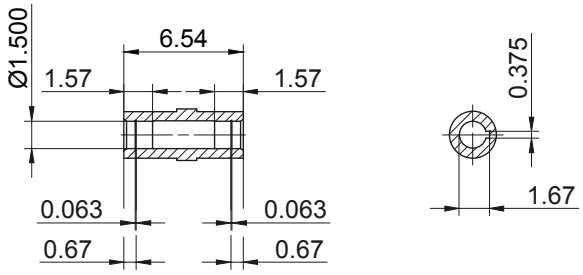
BF40G10

with torque arm

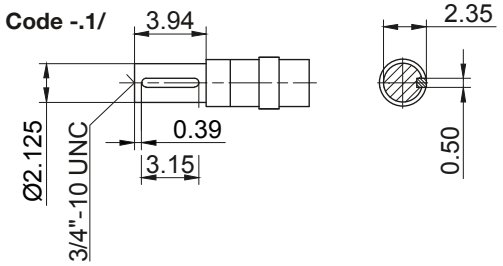
Code -0./



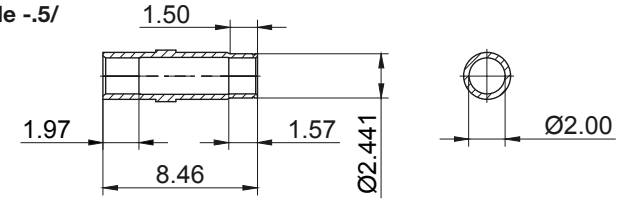
Code -.4/

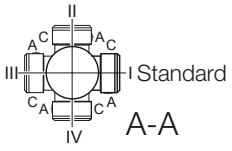


Code -.1/



Code -.5/



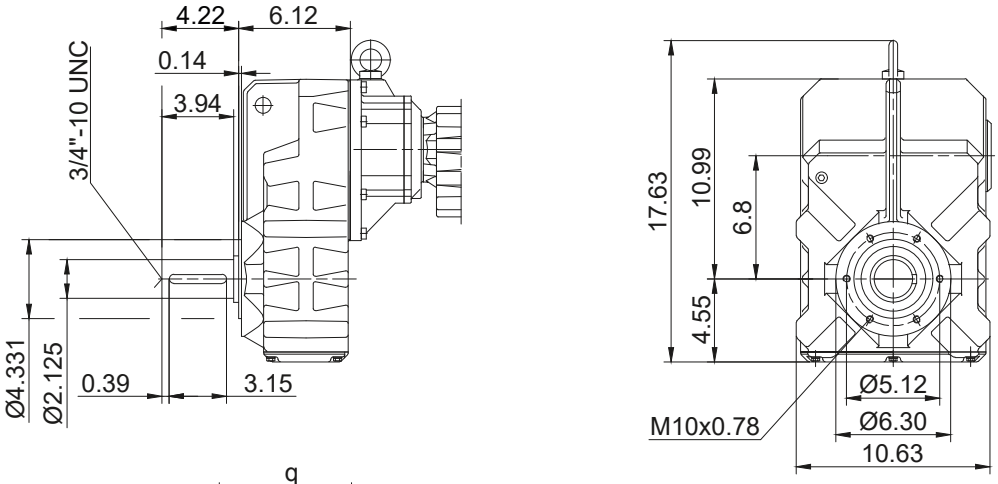


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF40G10-../D..05.A.	6.72	11.81	4.84	24.65	4,00	4.61	26.30	28.69	30.16	-
BF40G10-../D..06.A.	6.70	11.81	4.84	24.64	4,00	4.69	26.29	28.67	30.15	-
BF40G10-../D..07.A.	7.49	11.81	4.84	25.43	4,00	4.69	27.08	29.46	30.94	-
BF40G10-../D..08.A.	7.85	11.97	6.14	25.94	4.57	5.37	28.54	30.35	32.78	28.54
BF40G10-../D..08.B.	9.04	11.97	6.14	27.13	4.57	5.37	29.72	31.54	33.94	29.72
BF40G10-../D..09.A.	9.86	12.54	6.93	28.52	4.94	6.18	32.19	32.76	36.28	32.19
BF40G10-../D..09.B.	12.15	12.54	6.93	30.81	4.94	6.18	34.47	35.02	38.57	34.47
Dimensions in inch										

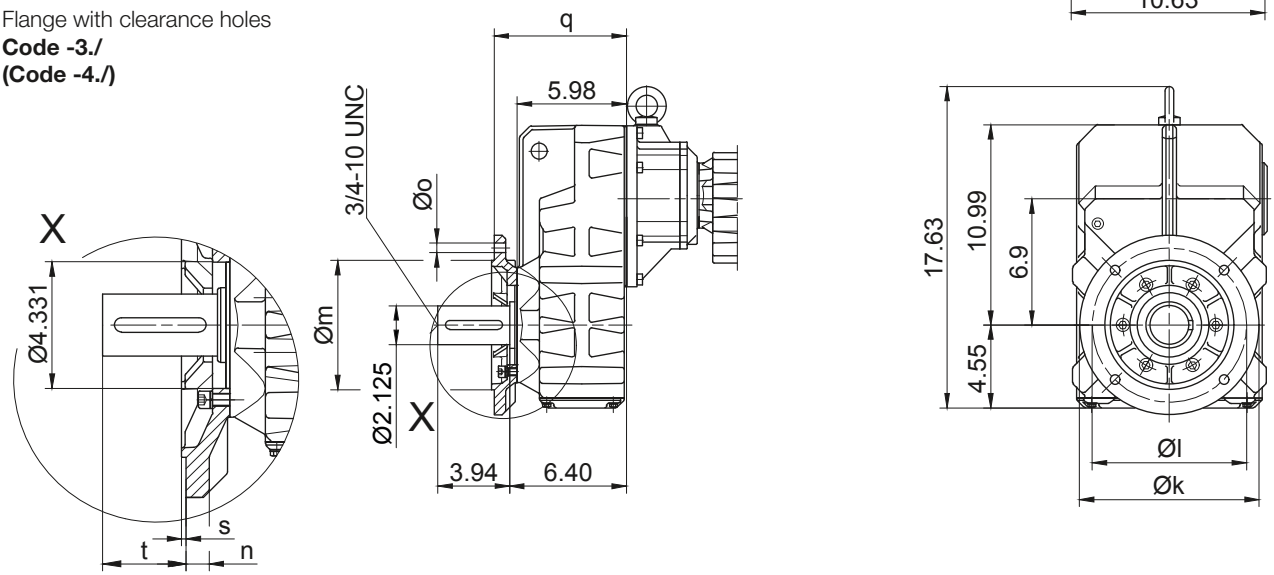
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF40G10

Flange with tapped holes
Code -7./



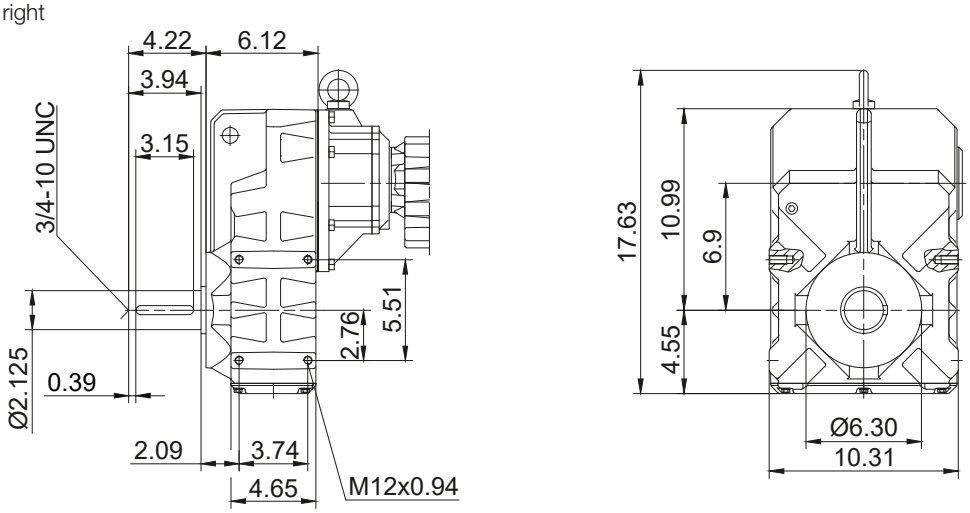
Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF40..	Code -3./	9.843	8.465	7.087	0.630	0.531	7.244	0.157	3.094
BF40..	Code -4./	11.811	10.433	9.055	0.787	0.531	7.480	0.157	2.857
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

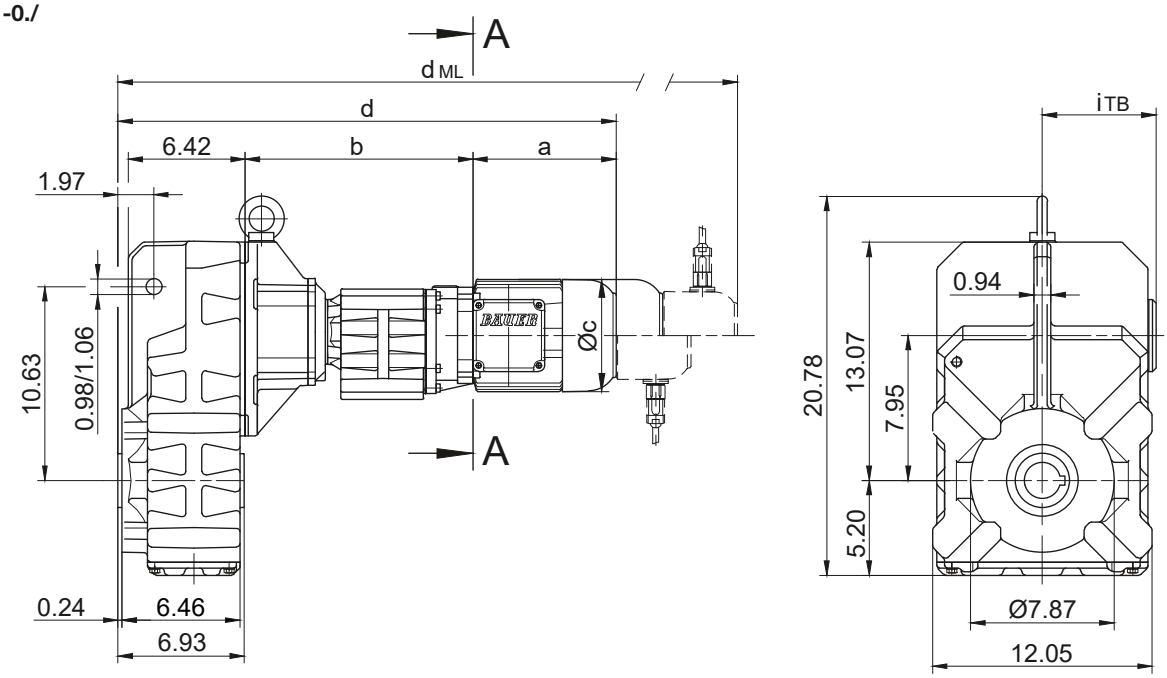
BF-series shaft-mounted geared motors

Dimension -Tandem Gearbox Imperial

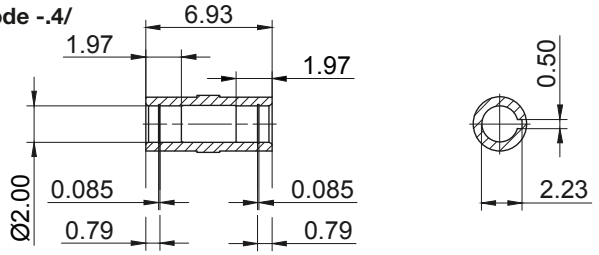
BF50G10

with torque arm

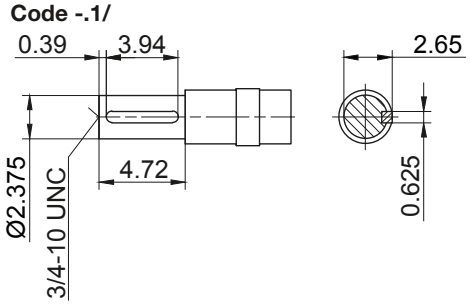
Code -0./



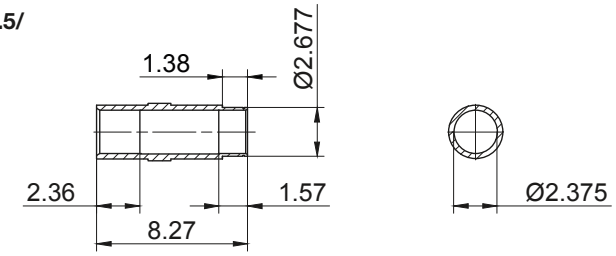
Code -.4/

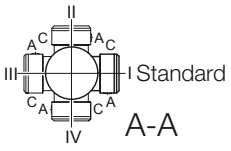


Code -.1/



Code -.5/



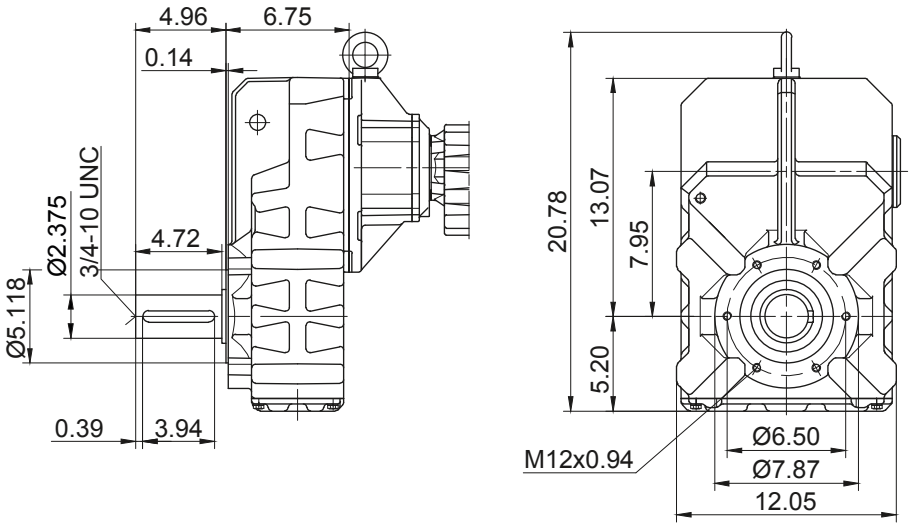


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF50G10-../D..05.A.	6.72	12.32	4.84	25.79	4,00	4.61	27.44	29.83	31.30	-
BF50G10-../D..06.A.	6.70	12.32	4.84	25.78	4,00	4.69	27.43	29.81	31.29	-
BF50G10-../D..07.A.	7.49	12.32	4.84	26.57	4,00	4.69	28.22	30.60	32.08	-
BF50G10-../D..08.A.	7.85	12.48	6.14	27.09	4.57	5.37	29.69	31.50	33.92	29.69
BF50G10-../D..08.B.	9.04	12.48	6.14	28.27	4.57	5.37	30.87	32.68	35.08	30.87
BF50G10-../D..09.A.	9.86	13.05	6.93	29.67	4.94	6.18	33.33	33.90	37.43	33.33
BF50G10-../D..09.B.	12.15	13.05	6.93	31.95	4.94	6.18	35.61	36.17	39.71	35.61
Dimensions in inch										

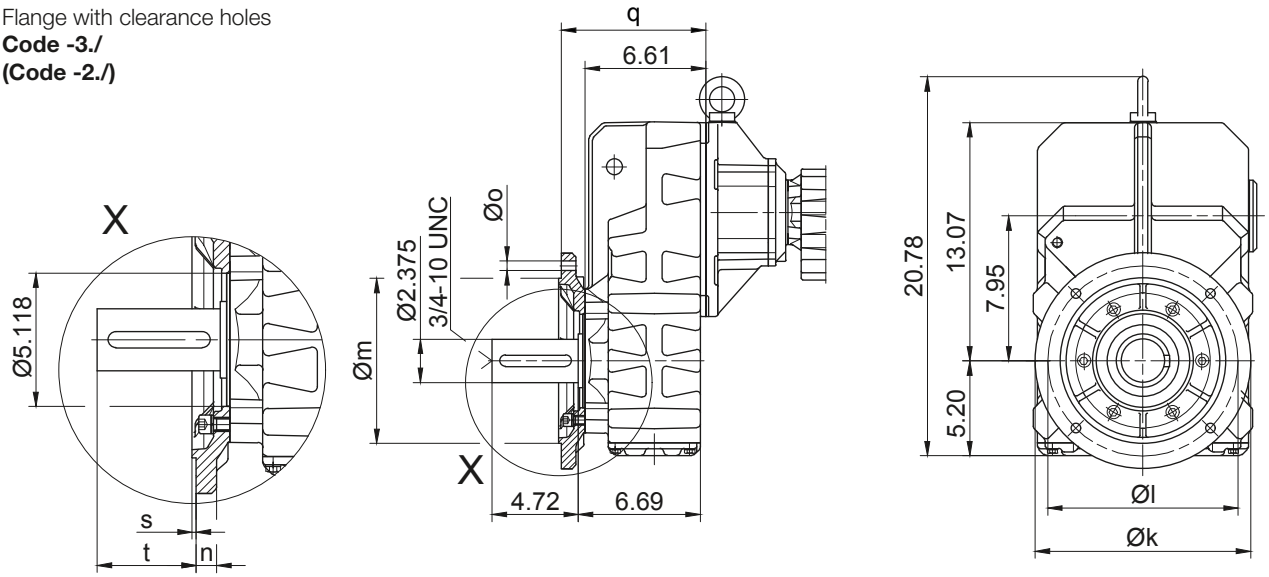
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF50G10

Flange with tapped holes
Code -7./

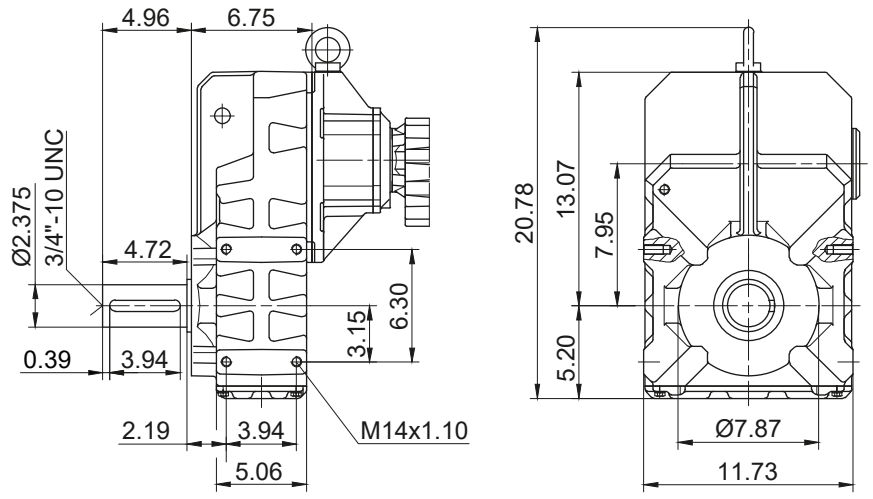


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions										Shaft extension tolerance:
Type	Design	k	l	m	n	o	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BF50..	Code -3./	11.811	10.433	9.055	0.787	0.531	7.913	0.157	3.795	over 1.5 in diameter: +0.000 / -0.001 in
BF50..	Code -2./	9.843	8.465	7.087	0.630	0.531	7.795	0.157	3.913	Flange spigot diameter: +0.0003 / -0.0015 in
Dimensions in inch										

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

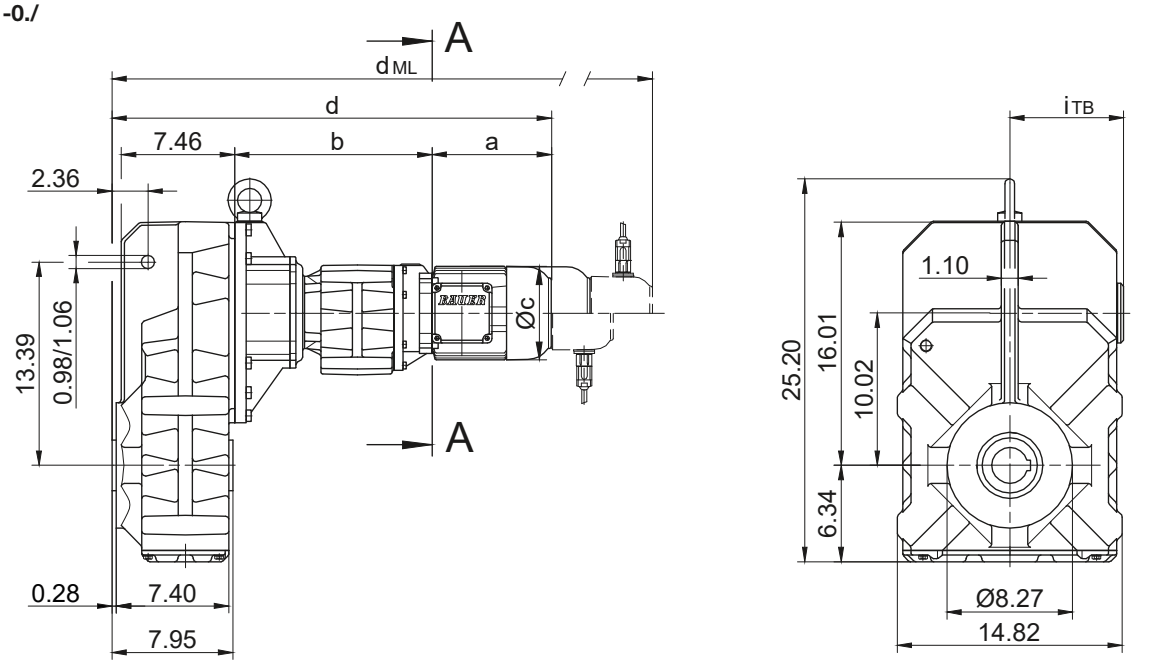
BF-series shaft-mounted geared motors

Dimension -Tandem Gearbox Imperial

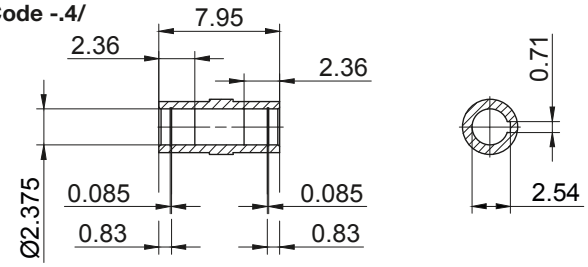
BF60G20

with torque arm

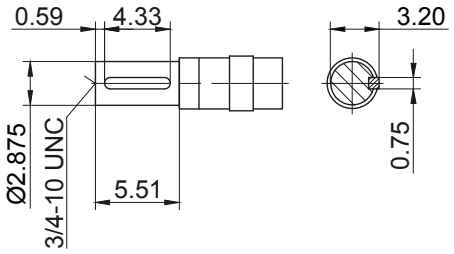
Code -0./



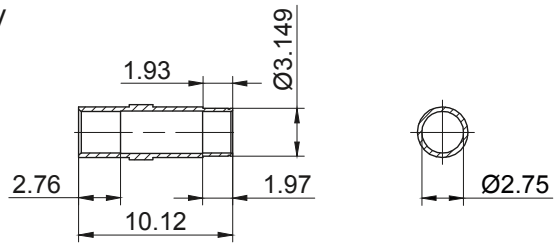
Code -.4/

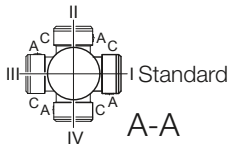


Code -.1/



Code -.5/



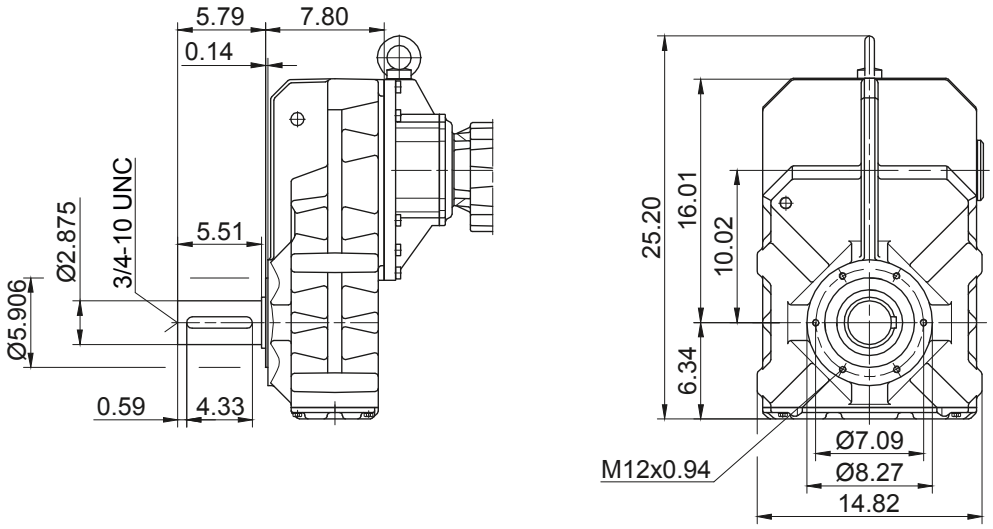


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF60G20-../D..05.A.	6.72	12.83	4.84	27.35	4,00	4.61	29.00	31.38	32.86	-
BF60G20-../D..06.A.	6.70	12.83	4.84	27.33	4,00	4.69	28.99	31.37	32.85	-
BF60G20-../D..07.A.	7.49	12.83	4.84	28.12	4,00	4.69	29.78	32.16	33.63	-
BF60G20-../D..08.A.	7.85	12.99	6.14	28.64	4.57	5.37	31.24	33.05	35.47	31.24
BF60G20-../D..08.B.	9.04	12.99	6.14	29.82	4.57	5.37	32.42	34.23	36.63	32.42
BF60G20-../D..09.A.	9.86	13.56	6.93	31.22	4.94	6.18	34.88	35.46	38.98	34.88
BF60G20-../D..09.B.	12.15	13.56	6.93	33.50	4.94	6.18	37.17	37.72	41.26	37.17
Dimensions in inch										

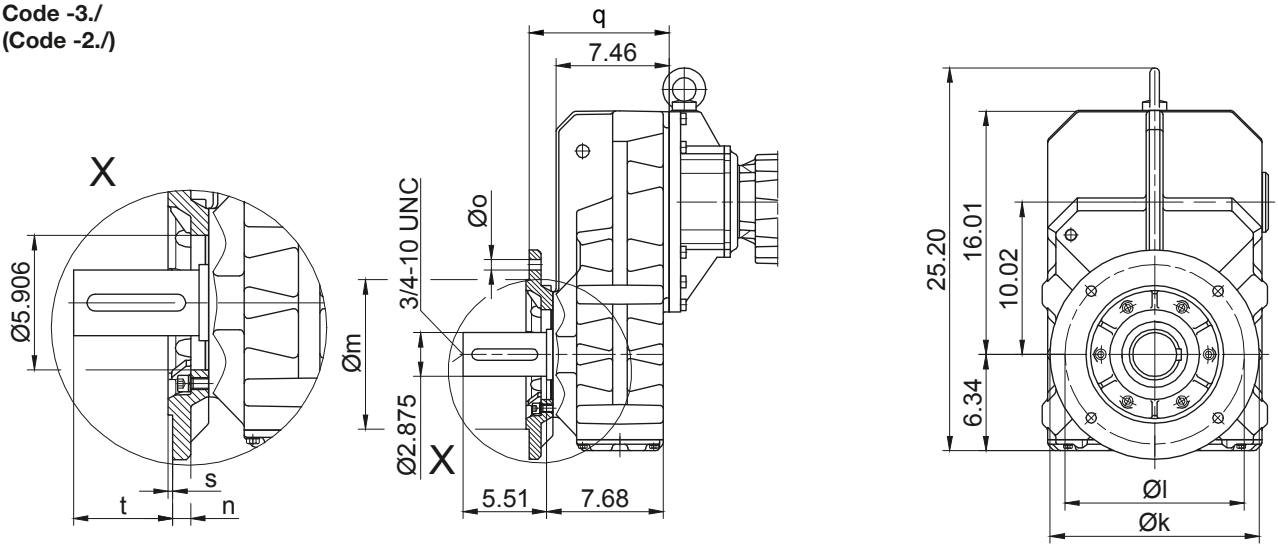
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF60G20

Flange with tapped holes
Code -7./



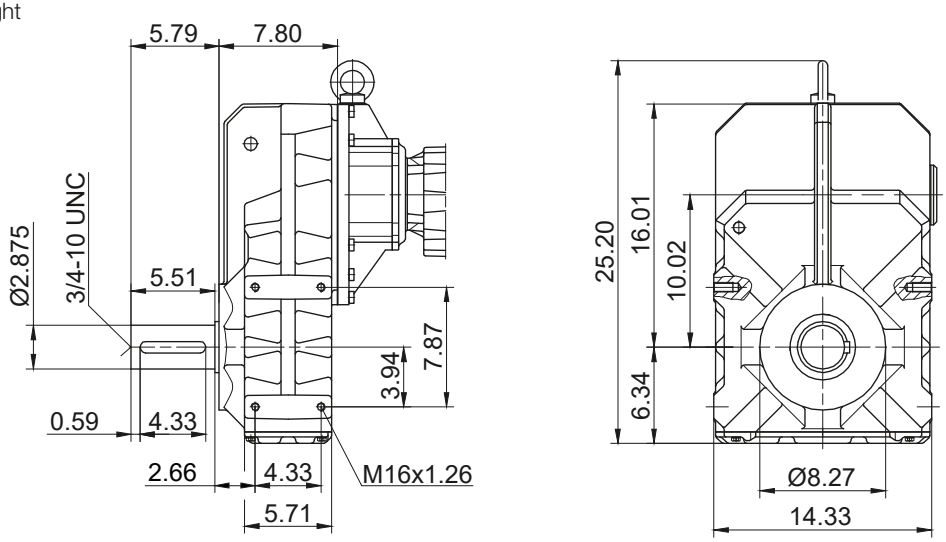
Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF60..	Code -3./	13.780	11.811	9.843	0.787	0.689	9.232	0.197	4.349
BF60..	Code -2./	11.811	10.433	9.055	0.787	0.531	9.547	0.157	4.034
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

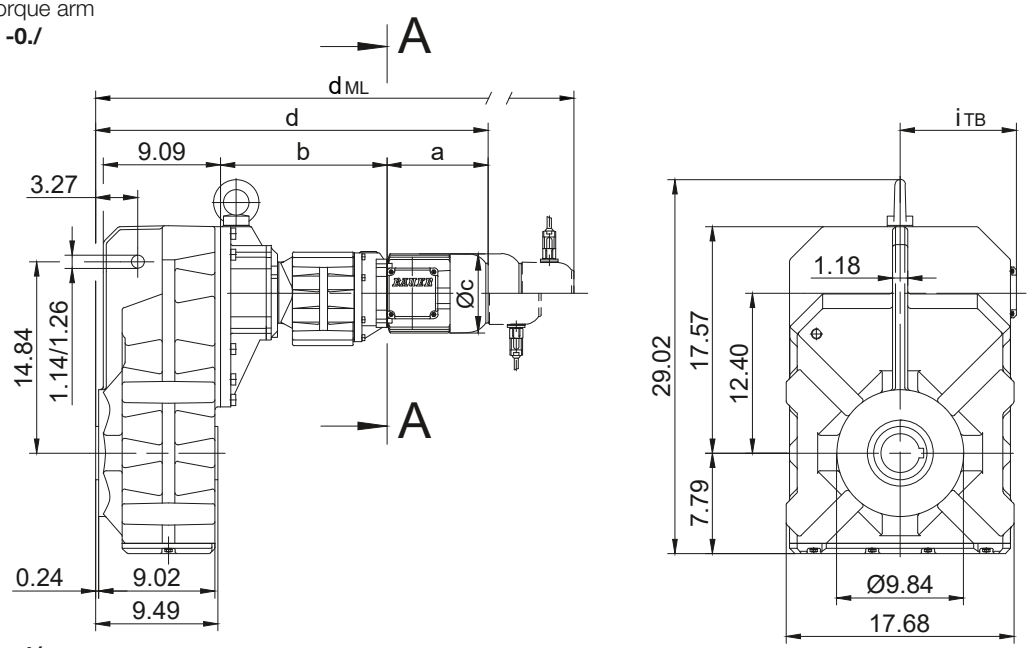
BF-series shaft-mounted geared motors

Dimension -Tandem Gearbox Imperial

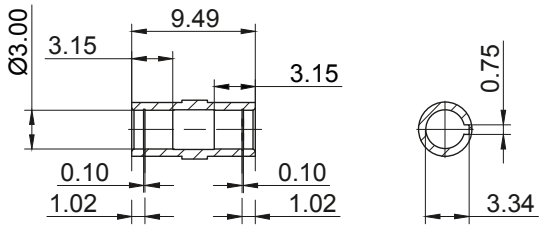
BF70G20

with torque arm

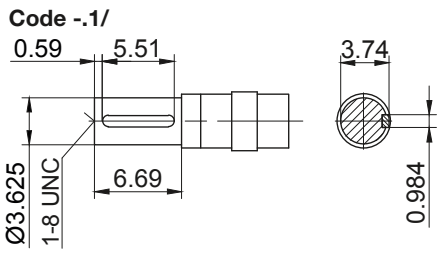
Code -0./



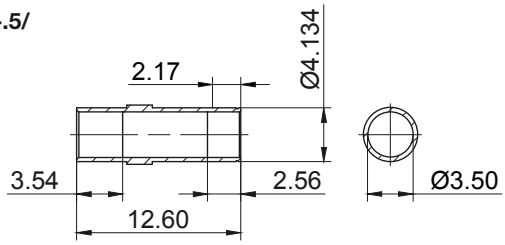
Code -.4/



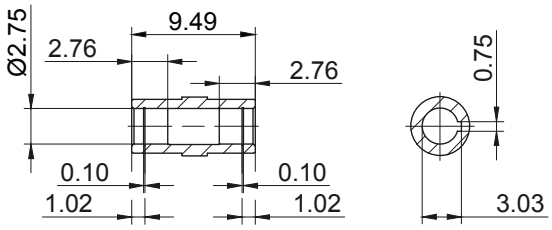
Code -.1/

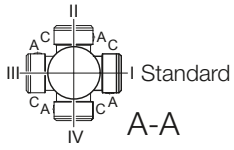


Code -.5/



Code -.4/K70



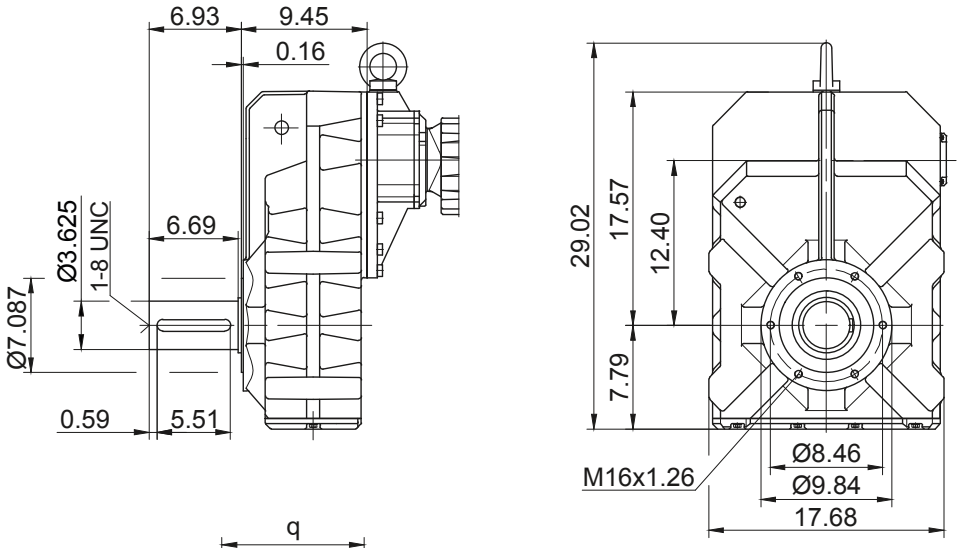


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF70G20-../D..05.A.	6.72	12.76	4.84	28.92	4,00	4.61	30.57	32.96	34.43	-
BF70G20-../D..06.A.	6.70	12.76	4.84	28.91	4,00	4.69	30.56	32.94	34.42	-
BF70G20-../D..07.A.	7.49	12.76	4.84	29.70	4,00	4.69	31.35	33.73	35.21	-
BF70G20-../D..08.A.	7.85	12.91	6.14	30.22	4.57	5.37	32.81	34.63	37.05	32.81
BF70G20-../D..08.B.	9.04	12.91	6.14	31.40	4.57	5.37	34.00	35.81	38.21	34.00
BF70G20-../D..09.A.	9.86	13.48	6.93	32.80	4.94	6.18	36.46	37.03	40.56	36.46
BF70G20-../D..09.B.	12.15	13.48	6.93	35.08	4.94	6.18	38.74	39.30	42.84	38.74
Dimensions in inch										

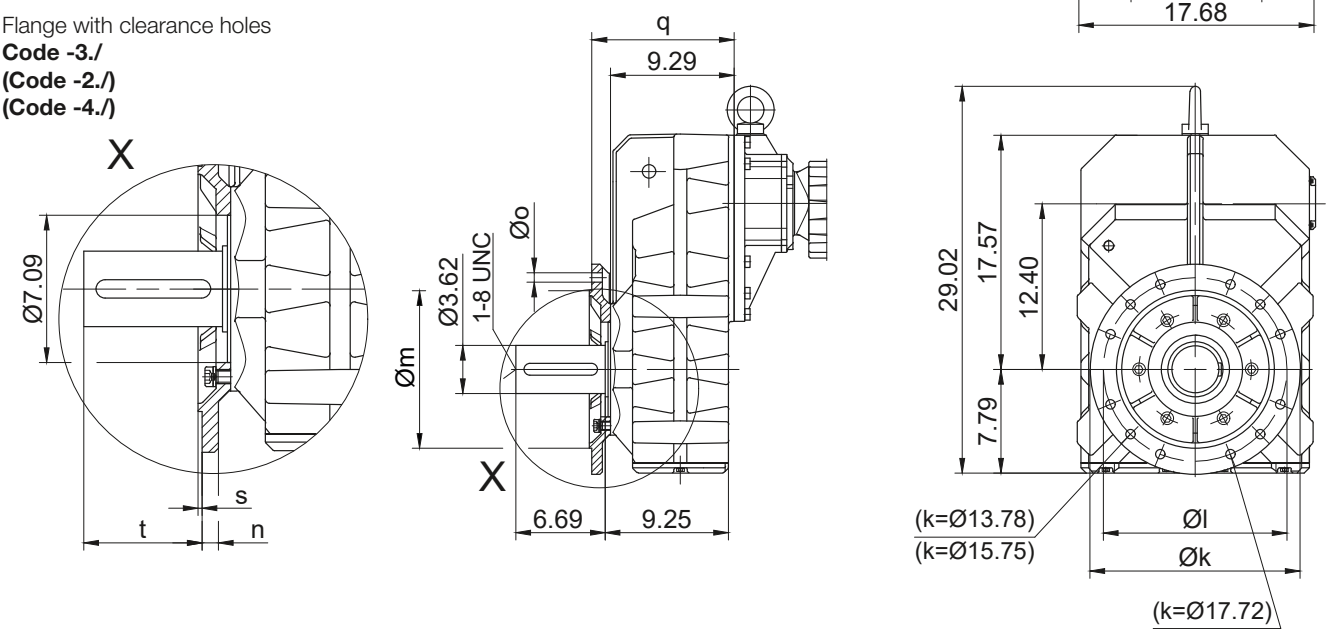
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF70G20

Flange with tapped holes
Code -7./



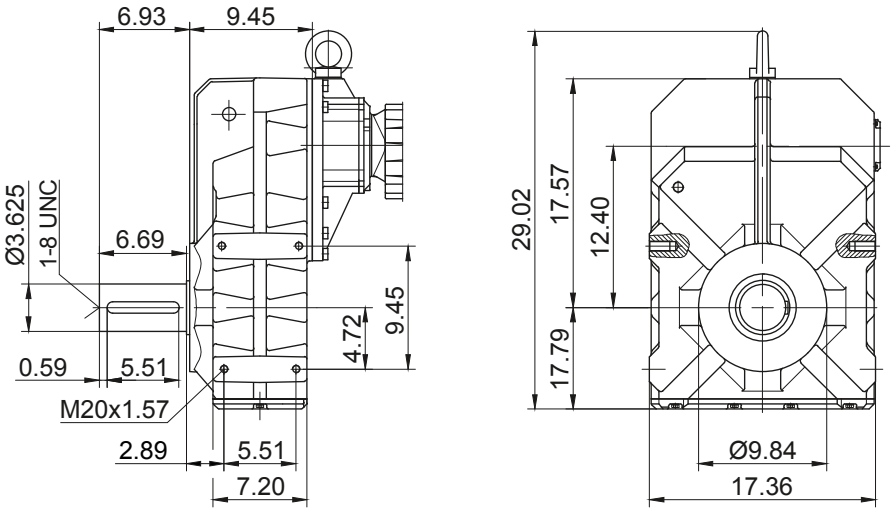
Flange with clearance holes
Code -3./
(Code -2./)
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF70..	Code -3./	15.748	13.780	11.811	0.787	4 x 0.689	10.669	0.197	5.706
BF70..	Code -2./	13.780	11.811	9.843	0.787	4 x 0.689	10.669	0.197	5.706
BF70..	Code -4./	17.717	15.748	13.780	0.866	8 x 0.689	11.063	0.197	5.312
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with clearance holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

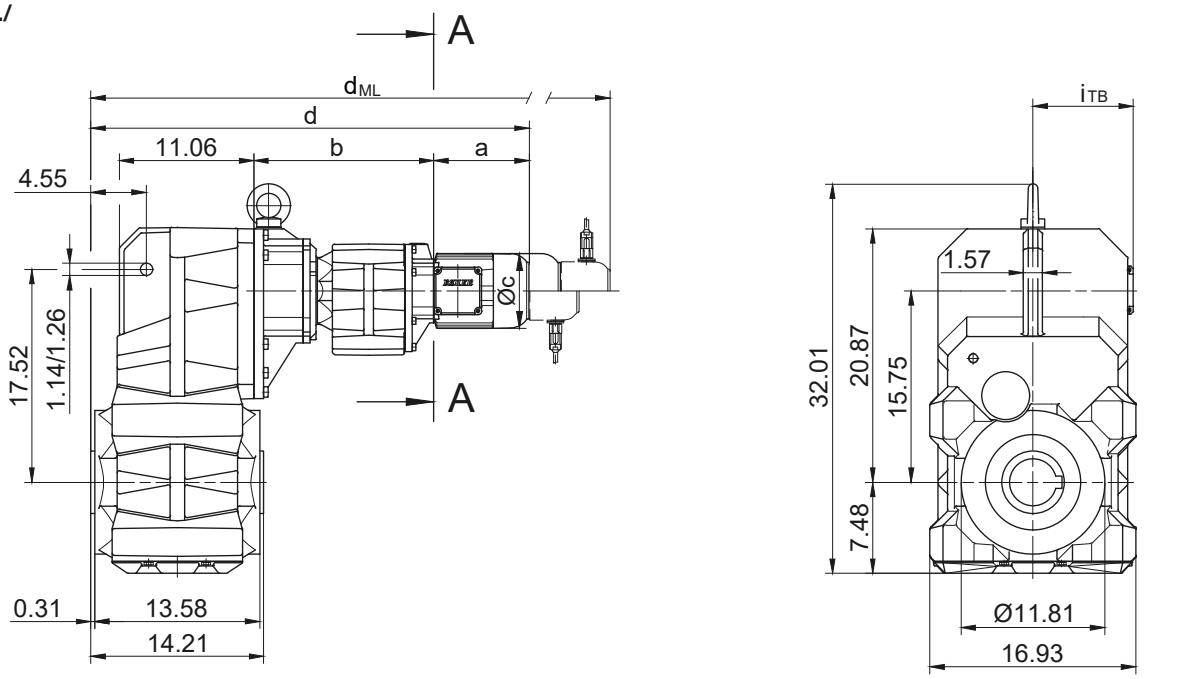
BF-series shaft-mounted geared motors

Dimension -Tandem Gearbox Imperial

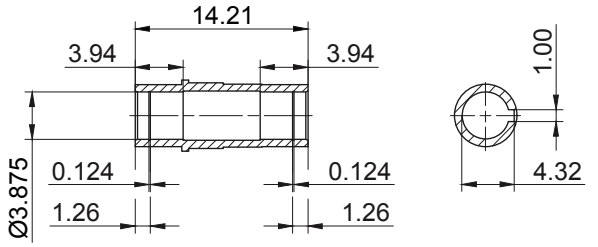
BF80G40

with torque arm

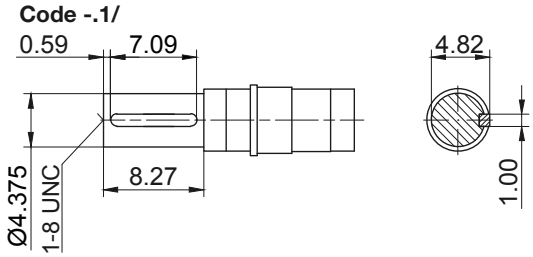
Code -0./



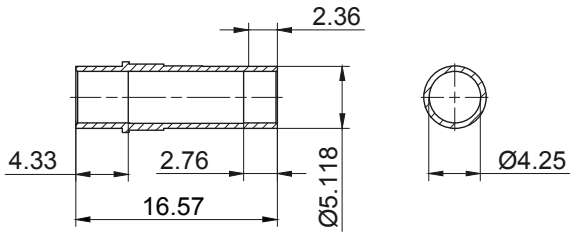
Code -.4/

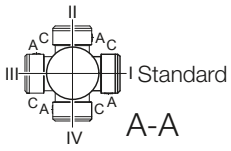


Code -.1/



Code -.5/



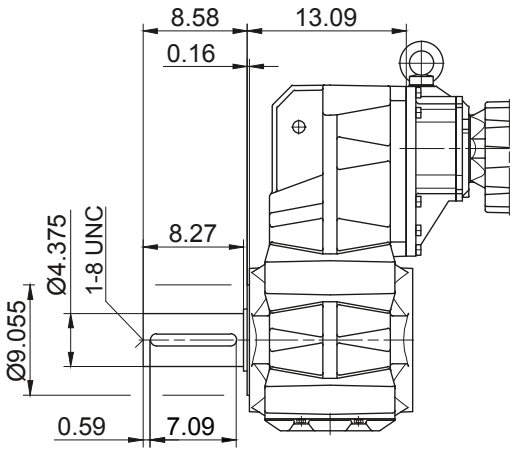


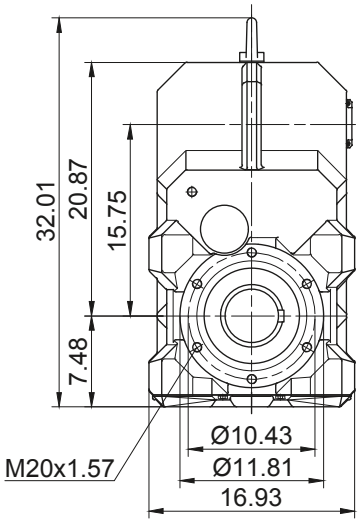
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF80G40-../D..08.A.	7.85	14.80	6.14	35.75	4.57	5.37	38.35	40.16	42.58	38.35
BF80G40-../D..08.B.	9.04	14.80	6.14	36.93	4.57	5.37	39.53	41.34	43.74	39.53
BF80G40-../D..09.A.	9.86	15.37	6.93	38.33	4.94	6.18	41.99	42.56	46.09	41.99
BF80G40-../D..09.B.	12.15	15.37	6.93	40.61	4.94	6.18	44.27	44.83	48.37	44.27
BF80G40-../D..11.A.	12.56	15.63	8.58	41.28	6.50	6.93	45.14	45.52	49.16	45.14
BF80G40-../D..11.B.	15.24	15.63	8.58	43.96	6.50	6.93	47.74	48.19	51.83	47.74
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

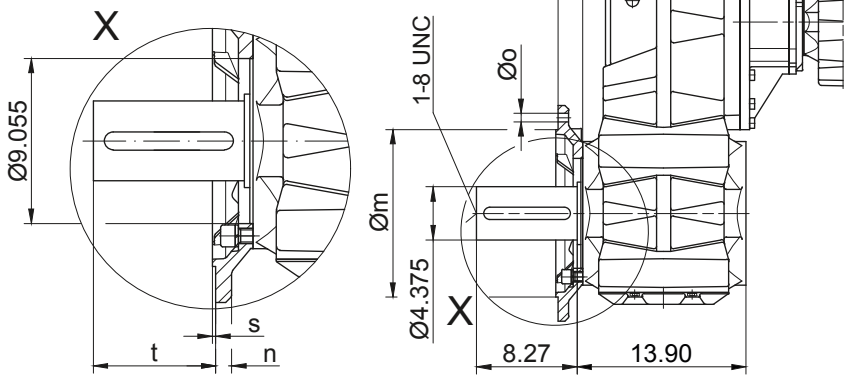
BF80G40

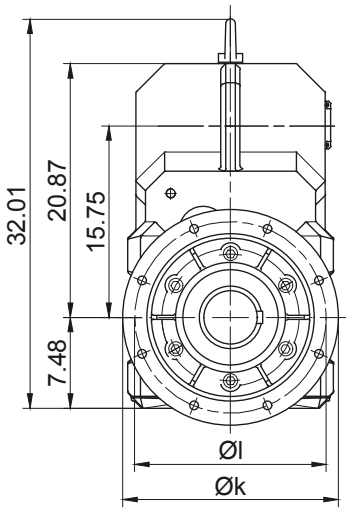
Flange with tapped holes
Code -7./





Flange with clearance holes
Code -3./
(Code -4./)

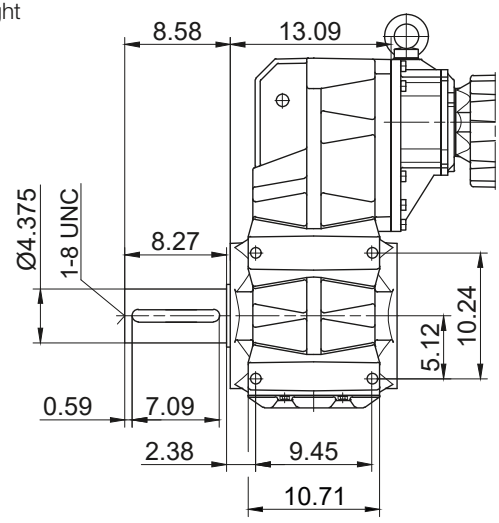


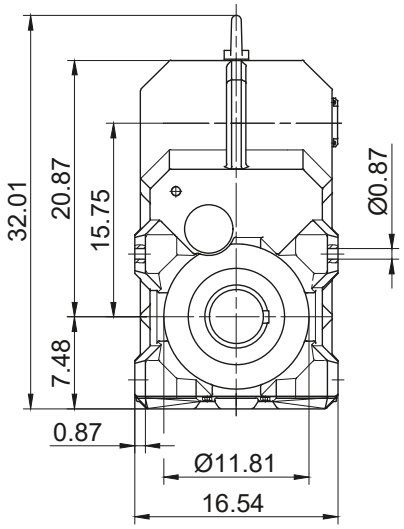


Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF80..	Code -3./	17.717	15.748	13.780	0.866	0.689	15.098	0.197	6.577
BF80..	Code -4./	21.654	19.685	17.717	0.866	0.689	15.295	0.197	6.380
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with clearance holes left and right
Code -1.LR/





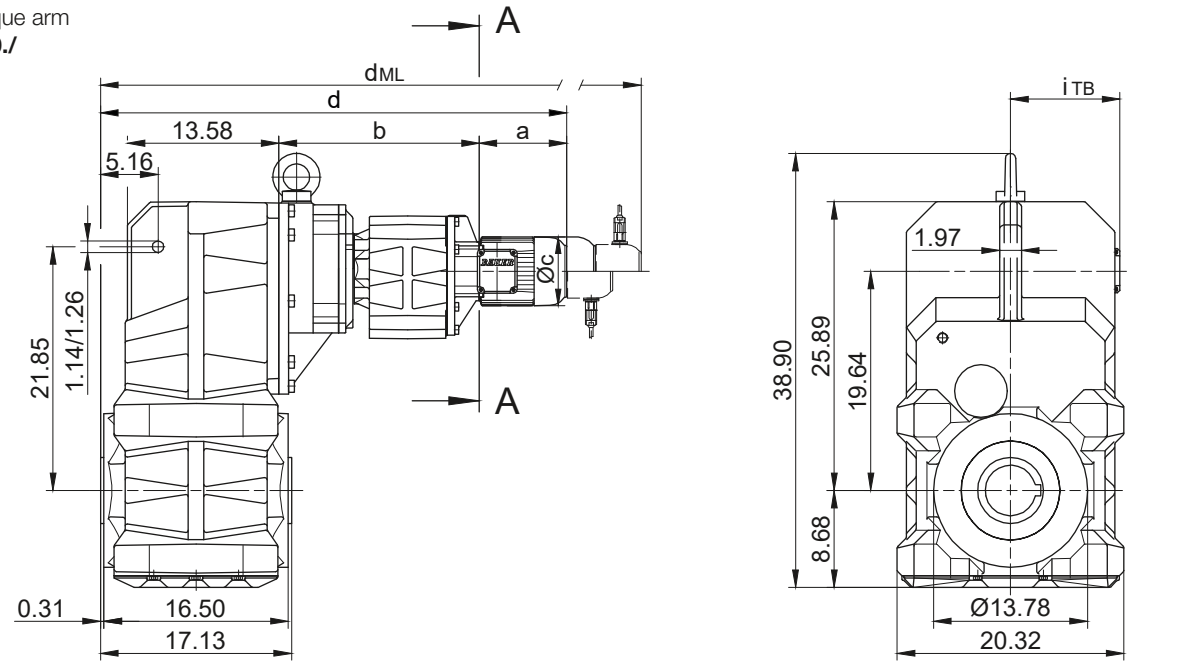
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

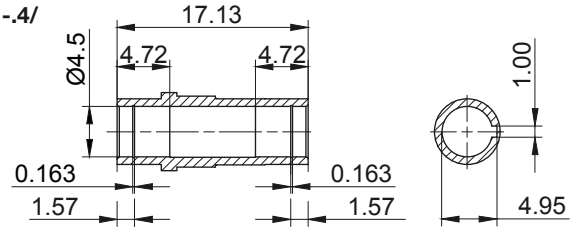
Dimension -Tandem Gearbox Imperial

BF90G50

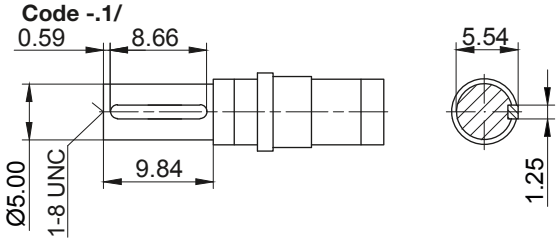
with torque arm
Code -0./



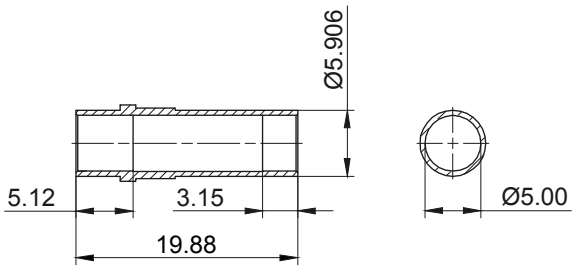
Code -.4/

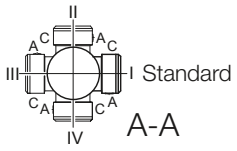


Code -.1/



Code -.5/



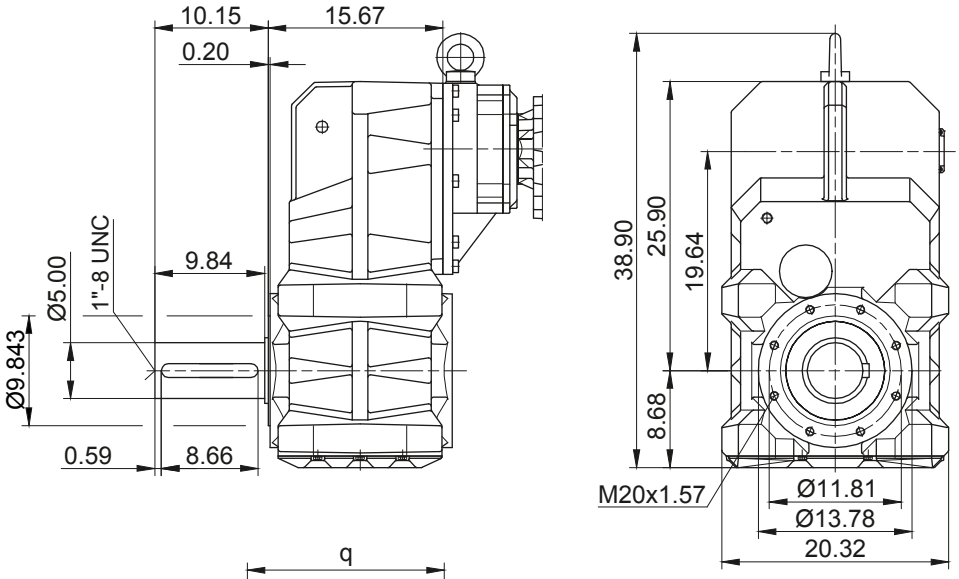


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF90G50-../D..08.A.	7.85	17.95	6.14	41.48	4.57	5.37	44.07	45.89	48.31	44.07
BF90G50-../D..08.B.	9.04	17.95	6.14	42.66	4.57	5.37	45.26	47.07	49.47	45.26
BF90G50-../D..09.A.	9.86	18.52	6.93	44.06	4.94	6.18	47.72	48.29	51.81	47.72
BF90G50-../D..09.B.	12.15	18.52	6.93	46.34	4.94	6.18	50.00	50.56	54.10	50.00
BF90G50-../D..11.A.	12.56	18.78	8.58	47.01	6.50	6.93	50.87	51.24	54.89	50.87
BF90G50-../D..11.B.	15.24	18.78	8.58	49.69	6.50	6.93	53.46	53.92	57.56	53.46
BF90G50-../D..13.A.	15.47	19.29	10.16	50.43	8.54	8.54	54.80	54.65	58.78	54.69
BF90G50-../D..16.B.	17.89	19.84	12.20	53.41	9.57	9.57	59.06	57.62	63.13	59.06
BF90G50-../D..18.B.	21.34	20.71	13.70	57.72	11.34	11.34	63.60	61.87	67.68	63.60
Dimensions in inch										

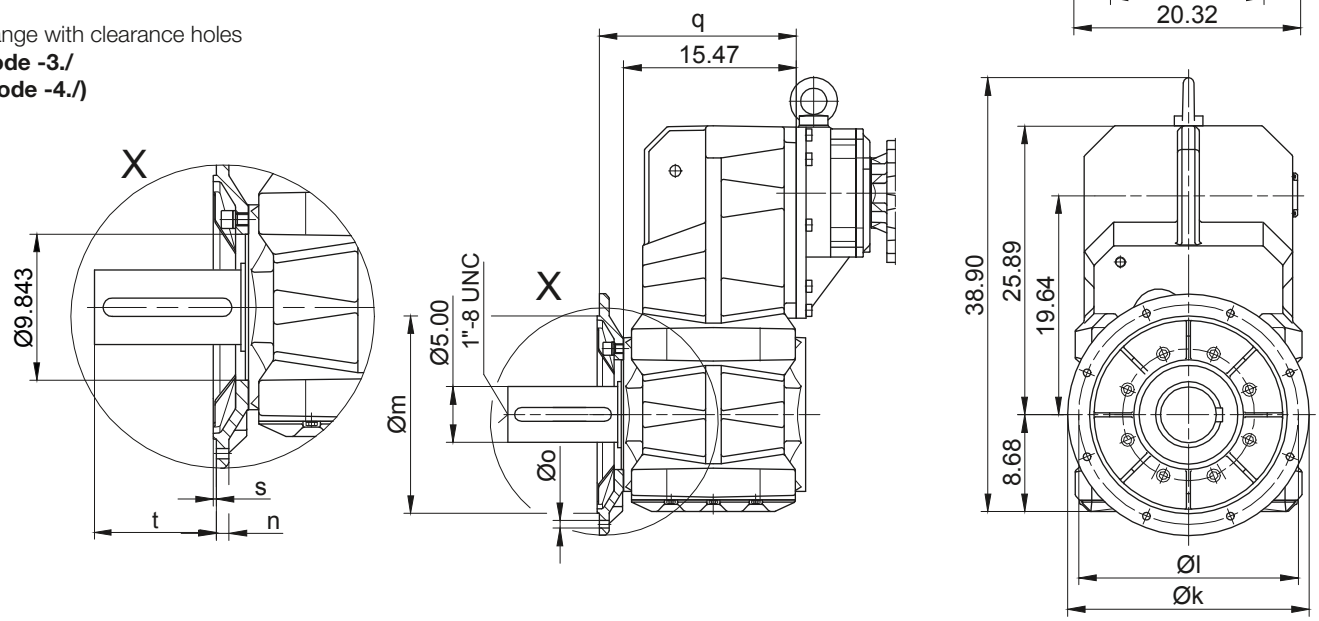
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF90G50

Flange with tapped holes
Code -7./



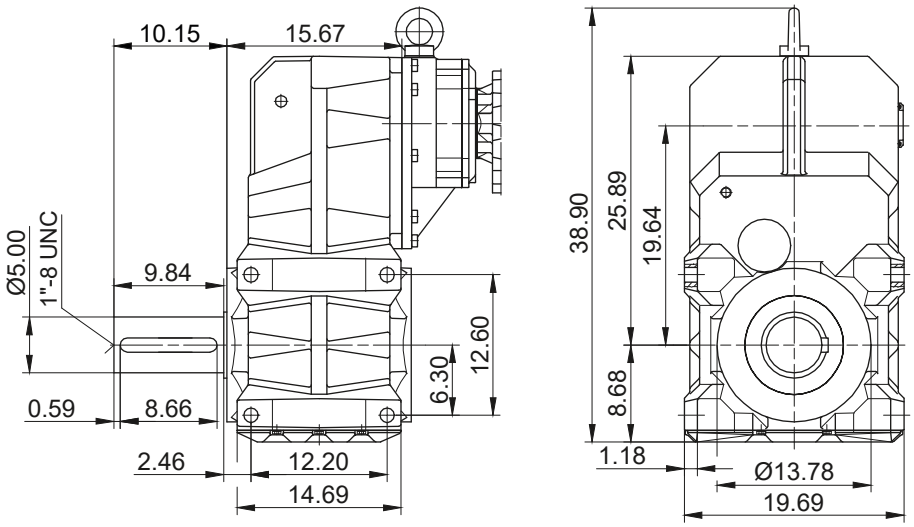
Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF90..	Code -3./	21.654	19.685	17.717	0.866	0.689	17.638	0.197	8.186
BF90..	Code -4./	25.984	23.622	21.654	0.984	0.866	17.402	0.236	8.423
Dimensions in inch									

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Foot with clearance holes left and right
Code -1.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

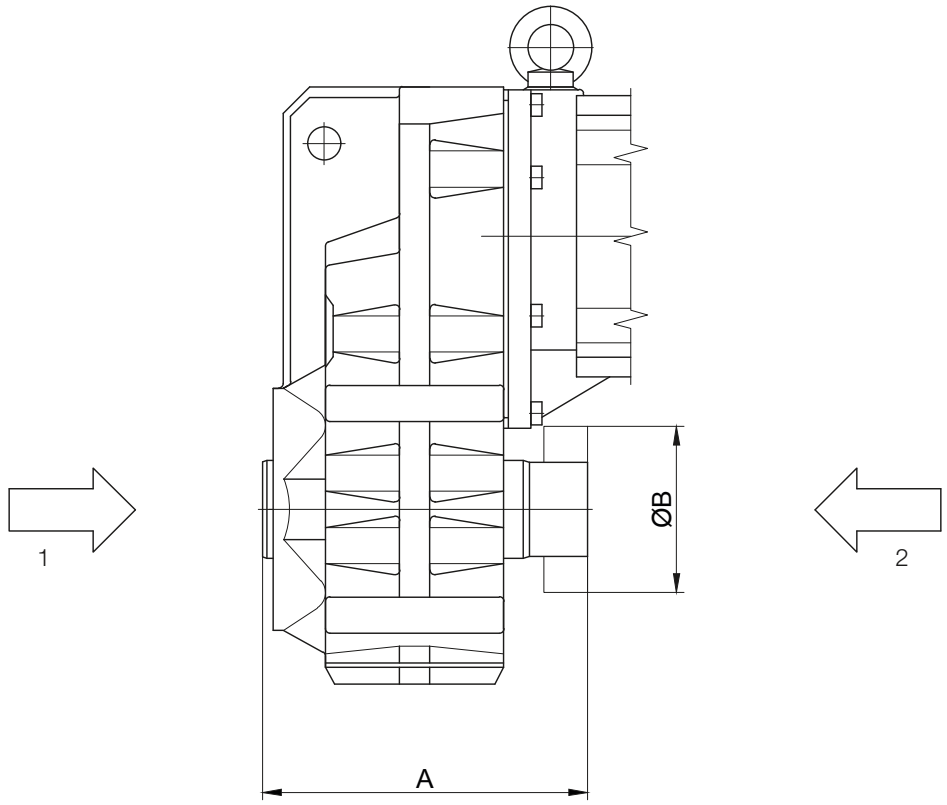
BF-series shaft-mounted geared motors

Additional Dimension Sheet Imperial

Shrink disc coupling (SSV)

(Code BF10-.5/...)
(Code BF10Z-.5/...)

Code -.1/



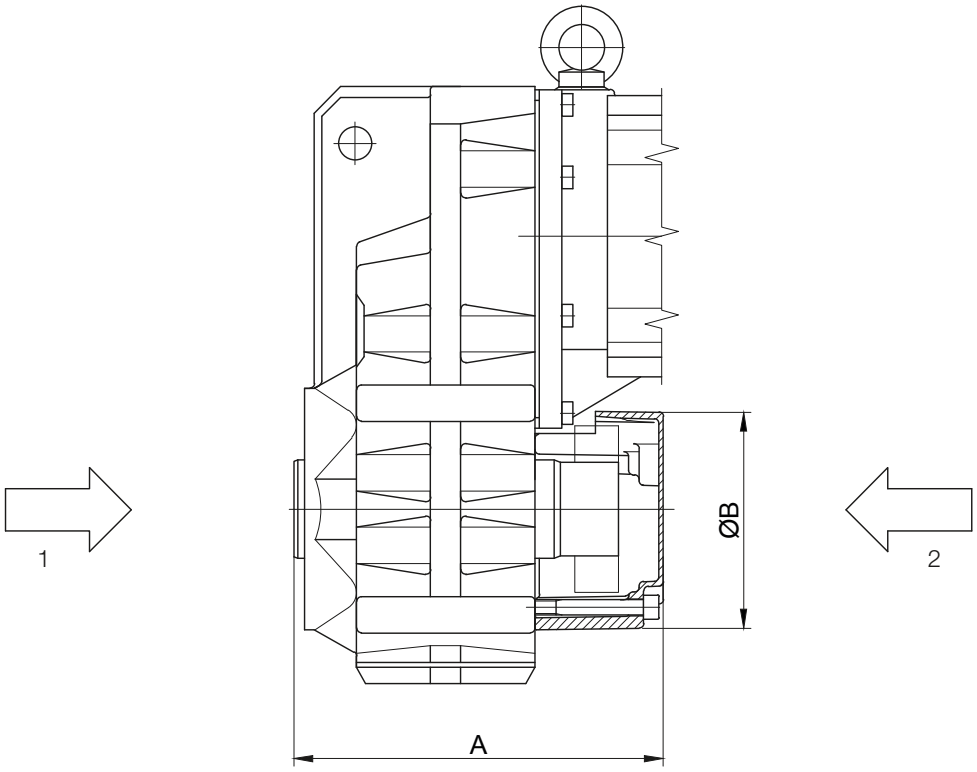
1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	SSV Ringfeder	SSV STÜWE	A	B
BF10	RfN 4161 036x072	HSD 36-22x36	6.02	2.83
BF20	RfN 4161 044x080	HSD 44-22x44	6.81	3.15
BF30	RfN 4161 050x090	HSD 50-22x50	7.56	3.54
BF40	RfN 4161 062x110	HSD 62-22x62	8.46	4.33
BF50	RfN 4161 068x115	HSD 68-22x68	8.31	4.53
BF60	RfN 4161 080x141	HSD 80-22x80	10.12	5.51
BF70	RfN 4161 105x185	HSD 110-22x105	12.60	7.28
BF80	RfN 4161 130x215	HSD 125-22x130	16.57	8.46
BF90	RfN 4161 150x263	HSD 155-22x150	19.88	10.35
Dimensions in inch				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shrink disc coupling with (SSV) cover

(Code BF10-.5A/...)
(Code BF10Z-.5A/...)



1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	SSV Ringfeder	SSV STÜWE	A	B
BF10	RfN 4161 036x072	HSD 36-22x36	6.85	4.72
BF20	RfN 4161 044x080	HSD 44-22x44	8.31	5.51
BF30	RfN 4161 050x090	HSD 50-22x50	8.78	5.51
BF40	RfN 4161 062x110	HSD 62-22x62	9.65	6.30
BF50	RfN 4161 068x115	HSD 68-22x68	9.02	7.87
BF60	RfN 4161 080x141	HSD 80-22x80	11.42	8.27
BF70	RfN 4161 105x185	HSD 110-22x105	14.13	9.84
BF80	RfN 4161 130x215	HSD 125-22x130	18.35	11.81
BF90	RfN 4161 150x263	HSD 155-22x150	21.93	13.78
Dimensions in inch				

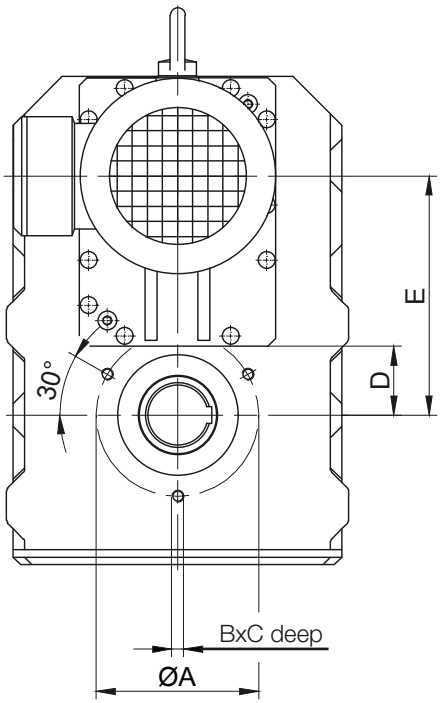
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

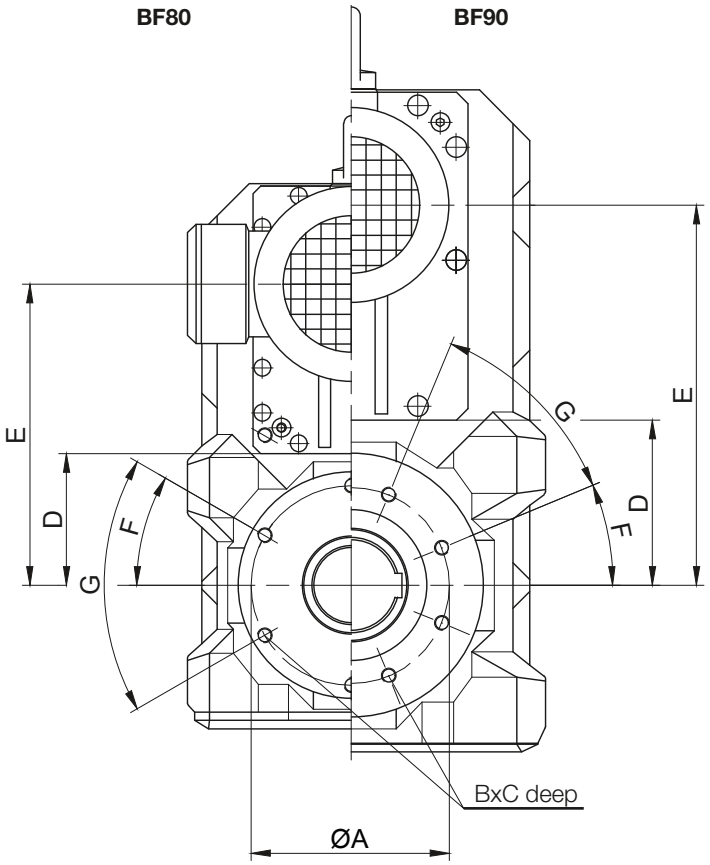
Additional Dimension Sheet Imperial

Tapped holes side (H) → shaft cover

BF10 to BF70



BF80 **BF90**

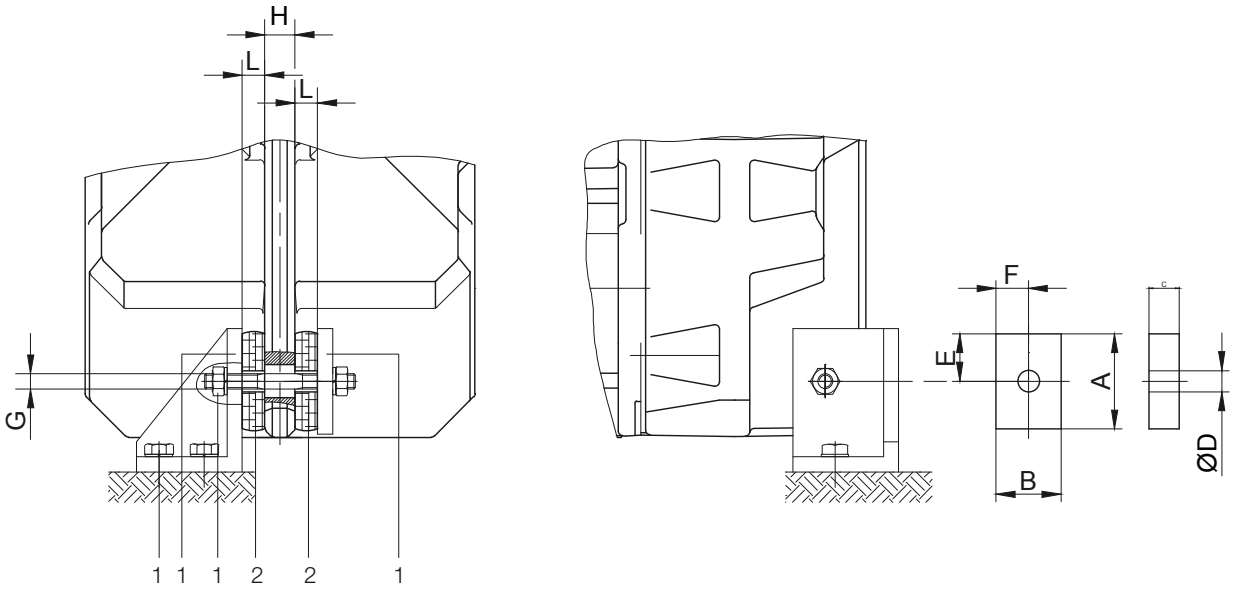


11

Gear	A	B	C	D	E	F	G
BF10	3.94	M8	0.63	1.38	4.65	-	-
BF20	4.53	M10	0.79	1.54	5.35	-	-
BF30	4.53	M10	0.79	1.73	6.18	-	-
BF40	5.12	M10	0.79	2.05	7.11	-	-
BF50	6.50	M12	0.94	2.36	8.15	-	-
BF60	7.09	M12	0.94	2.72	10.06	-	-
BF70	8.46	M16	1.26	3.50	12.44	-	-
BF80	10.43	M20	1.57	6.81	15.75	30°	6x60°
BF90	11.81	M20	1.57	8.62	19.86	22.5°	8x45°
Dimensions in inch							

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Rubber buffer for torque restraint



1 not included in delivery

2 Rubber buffers pretensioned

G maximaler Schraubendurchmesser

Material: Natural rubber Hardness 50 +/-5 Shore A
Dimensions of the transverse hole: See dimensioned sketch of the respective shaft mounted gearbox

Gear	Position	A	B	C	D	E	F	G	H	L
BF06	0	1.18	1.18	0.47	0.47	0.59	0.59	M10	0.39	0.39
BF10	1	1.89	1.26	0.59	0.55	0.94	0.63	M10	0.63	0.53
BF20	1	1.89	1.26	0.59	0.55	0.94	0.63	M10	0.71	0.51
BF30	2	2.48	1.69	0.79	0.55	1.24	0.85	M10	0.71	0.67
BF40	2	2.48	1.69	0.79	0.55	1.24	0.85	M10	0.79	0.65
BF50	3	3.46	2.36	0.98	0.87	1.73	1.18	M18	0.94	0.85
BF60	3	3.46	2.36	0.98	0.87	1.73	1.18	M18	1.10	0.83
BF70	4	4.84	3.46	1.18	1.02	2.42	1.73	M20	1.18	1.00
BF80	5	5.24	4.06	1.38	1.02	2.62	2.03	M20	1.57	1.18
BF90	5	5.24	4.06	1.38	1.02	2.62	2.03	M20	1.97	1.16
Dimensions in inch										

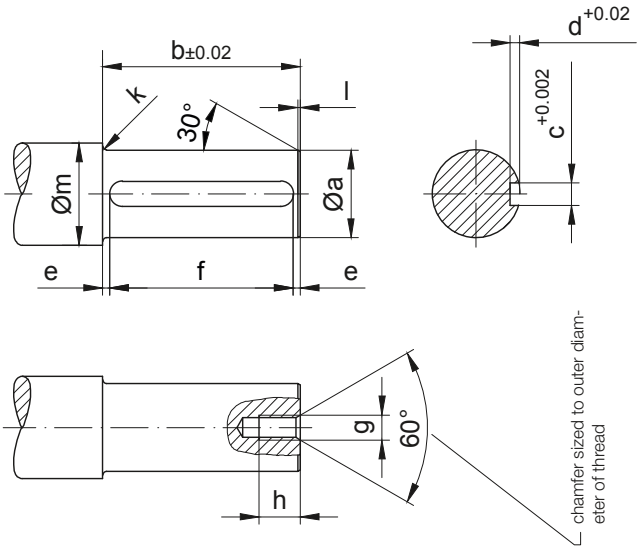
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

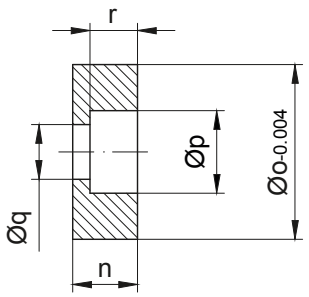
Additional Dimension Sheet Imperial

Assembly tools for hollow shaft and keyway

Position 1 Shaft



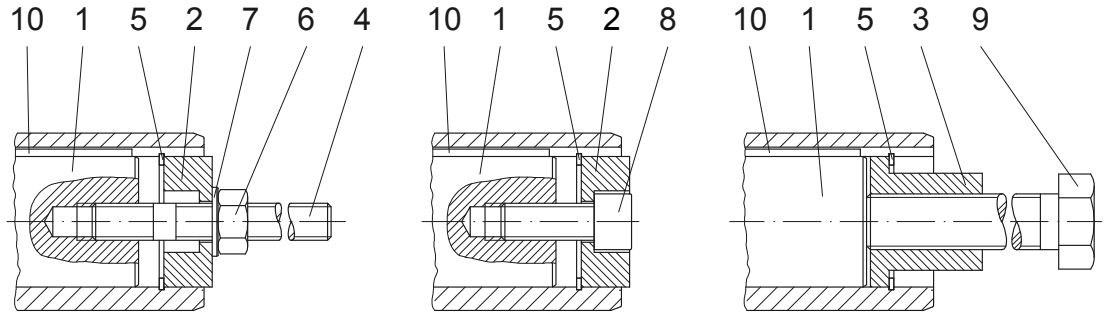
* Position 2 Disc



Material: Steel, tensile strength ≥ 470 MPa

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	Dimensions (inch)															
	Postion 1 Shaft											Postion 2 Disc				
	a	b	c	d	e	f	g	h	k	l	m	n	o	p	q	r
BF06	1.00	2.75	0.25	0.141	0.135	2.48	M8	0.71	0.10	0.06	1.30	0.53	0.99	0.59	0.35	0.33
BF10	1.00	4.01	0.25	0.141	0.235	3.54	M8	0.71	0.10	0.06	1.30	0.53	0.99	0.59	0.35	0.33
BF20	1.25	4.25	0.25	0.138	0.355	3.54	M10	0.79	0.12	0.06	1.50	0.59	1.24	0.71	0.43	0.39
BF30	1.375	4.64	0.313	0.174	0.350	3.94	M10	0.79	0.12	0.06	1.69	0.63	1.365	0.71	0.43	0.39
BF40	1.50	5.55	0.375	0.211	0.315	4.92	M12	0.87	0.12	0.08	1.89	0.71	1.49	0.79	0.53	0.47
BF50	2.00	5.82	0.50	0.282	0.450	4.92	M16	1.18	0.14	0.08	2.28	0.83	1.99	1.02	0.69	0.59
BF60	2.375	6.81	0.625	0.354	0.255	6.30	M20	1.50	0.14	0.08	2.68	0.94	2.365	1.30	0.87	0.71
BF70	3.00	8.07	0.75	0.423	0.490	7.09	M20	1.50	0.16	0.08	3.54	1.06	2.990	1.30	0.87	0.79
BF80	3.875	12.48	1.00	0.566	0.730	11.05	M24	1.77	0.16	0.12	4.33	1.26	3.865	1.57	1.02	0.98
BF90	4.50	15.07	1.00	0.566	0.450	14.17	M24	1.77	0.18	0.12	5.12	1.38	4.49	1.57	1.02	1.10



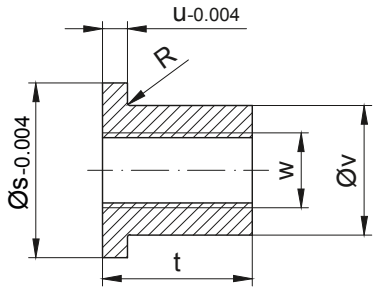
Installation Holding Dismantlement

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Assembly tools for hollow shaft and keyway

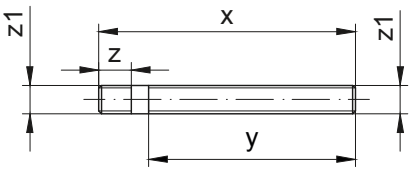
Position 3 Sleeve



Material: Steel, tensile strength ≥ 470 MPa

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

* Position 4 Stud bolt



Material: steel, tensile strength ≥ 1000 MPa Thread rolled

Type	Dimensions (inch)										* Retaining ring DIN 472	Hexagon nut DIN 394-8	Disc DIN 125-St	* Filister head screw DIN 912-8.8	Tightening torques (Nm)	Hexagon bolt DIN EN 24017-8.8	Key DIN 6885 Width/Height/Length
	Position 3 Sleeve						Position 4 Stud bolt										
	s	t	u	v	w	R	x	y	z	z1	Pos.5	Pos.6	Pos.7	Pos.8		Pos.9	Pos.10
BF06	0.99	0.94	0.20	0.61	M12	0.03	7.87	6.69	0.79	M8	25x1.2	M8	8.4	M8x30	44.25	M12x190	1/4x1/4x2.48
BF10	0.99	0.94	0.20	0.61	M12	0.03	7.87	6.69	0.79	M8	25x1.2	M8	8.4	M8x30		M12x190	1/4x1/4x3.54
BF20	1.24	1.10	0.20	0.81	M14	0.03	9.06	7.68	0.91	M10	32x1.2	M10	10.5	M10x30	70.81	M14x210	1/4x1/4x3.54
BF30	1.365	1.10	0.20	0.93	M14	-	10.24	8.66	0.91	M10	35x1.5	M10	10.5	M10x35		M14x240	5/16x5/16x3.94
BF40	1.49	1.57	0.24	1.04	M20	0.03	11.81	10.24	1.10	M12	38x1.75	M12	13	M12x35	141.61	M20x290	3/8x3/8x4.92
BF50	1.99	1.89	0.24	4.43	M24	-	13.39	11.42	1.46	M16	50x2.0	M16	17	M16x40	265.52	M24x320	1/2x1/2x4.92
BF60	2.365	2.36	0.24	1.76	M30	-	14.57	12.20	1.77	M20	60x2.0	M20	21	M20x50	371.73	M30x350	5/8x5/8x6.3
BF70	2.99	2.36	0.32	2.29	M30	-	16.54	14.17	1.77	M20	78x2.5	M20	21	M20x50		M30x400	3/4x3/4x7.09
BF80	3.865	2.83	0.39	3.11	M36	-	19.90	16.14	2.17	M24	98x3.0	M24	25	M24x60	885.07	M36x450	1x1x11.02
BF90	4.49	2.83	0.39	3.66	M36	-	22.05	18.90	2.17	M24	115x4.0	M24	25	M24x60		M36x520	1x1x14.17

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

Optional

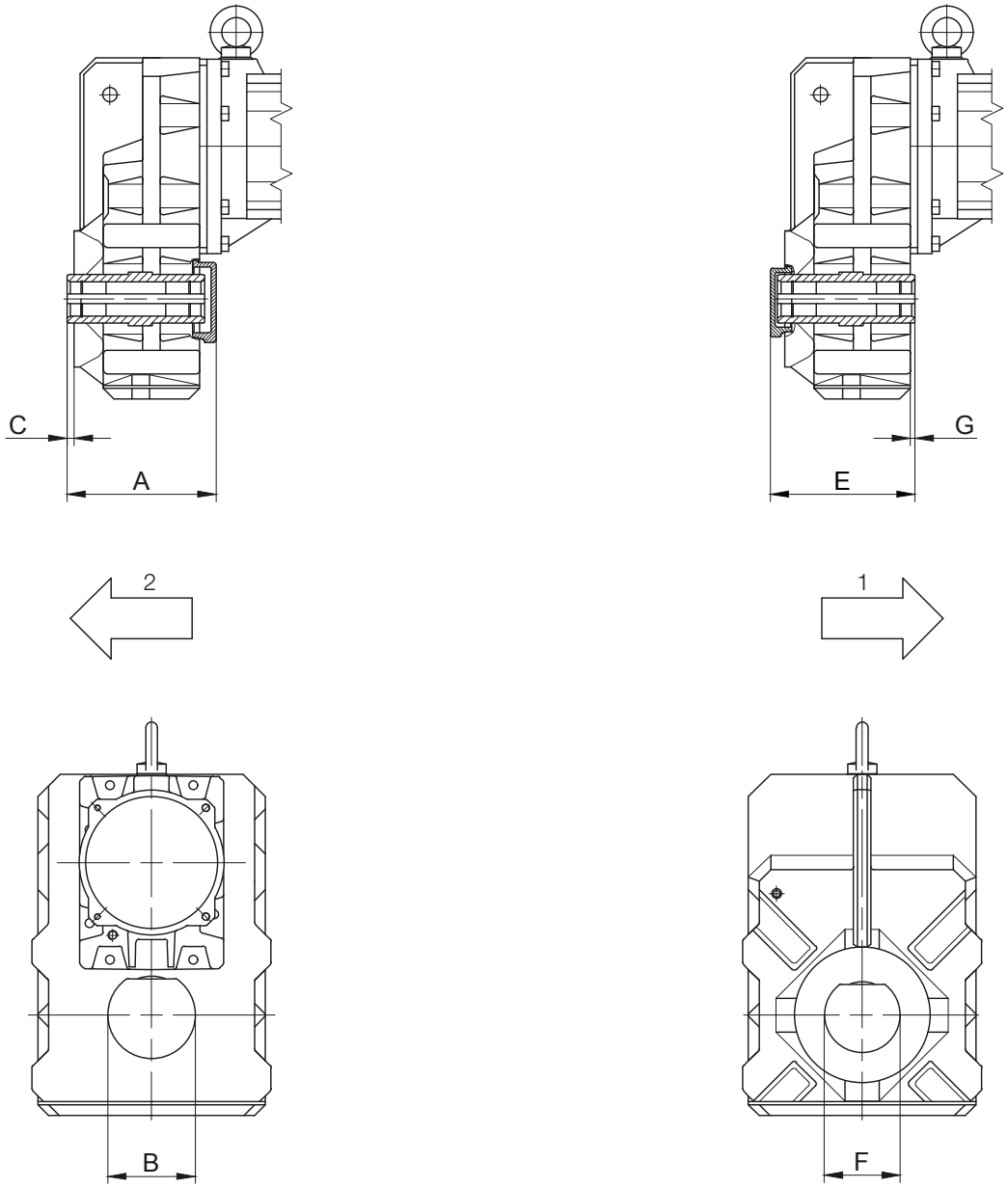
Type	Assembly tool „Holding“
BF06	Available only on request
BF10	Available only on request
BF20	Available only on request
BF30	Available only on request
BF40	Available only on request
BF50	Available only on request
BF60	Available only on request
BF70	Available only on request
BF80	Available only on request
BF90	Available only on request

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

Additional Dimension Sheet Imperial

Shaft cap (VK)



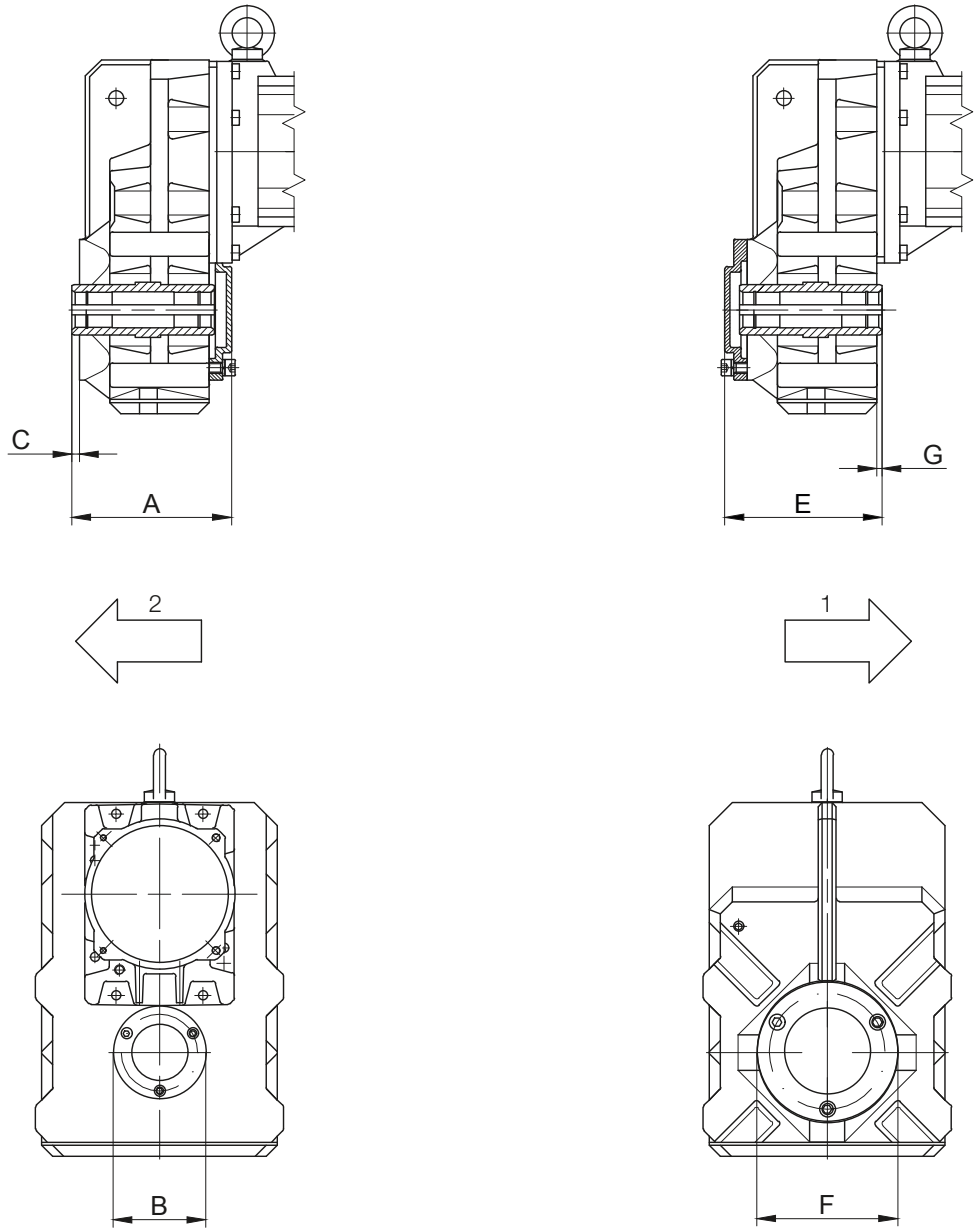
1 Gear side FRONT (V)
2 Gear side REAR (H)

Shaft cap REAR (H)			
Type	A	B	C
BF10	5.28	3.07	0.20
BF20	5.59	3.35	0.20
BF30	6.04	3.54	0.30
BF40	7.07	4.33	0.28
BF50	7.56	4.92	0.24
BF60	8.74	5.51	0.28
BF70	10.16	6.69	0.24
Dimensions (inch)			

Shaft cap FRONT (V)			
Type	E	F	G
BF30	5.87	3.07	0.30
BF50	7.46	4.33	0.24
BF70	10.32	5.12	0.24
Dimensions (inch)			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shaft cover (VD)



1 Gear side FRONT (V)
2 Gear side REAR (H)

Shaft cover REAR (H)			
Type	A	B	C
BF70	14.80	11.81	0.32
BF90	17.40	13.78	0.32
Dimensions (inch)			

Shaft cover FRONT (V)			
Type	E	F	G
BF10	5.33	4.72	0.20
BF20	5.67	5.49	0.20
BF30	6.02	5.49	0.30
BF40	7.07	6.30	0.28
BF50	7.54	7.83	0.24
BF60	8.72	8.27	0.28
BF70	10.16	9.84	0.24
BF80	14.80	11.81	0.32
BF90	17.40	13.78	0.32
Dimensions (inch)			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

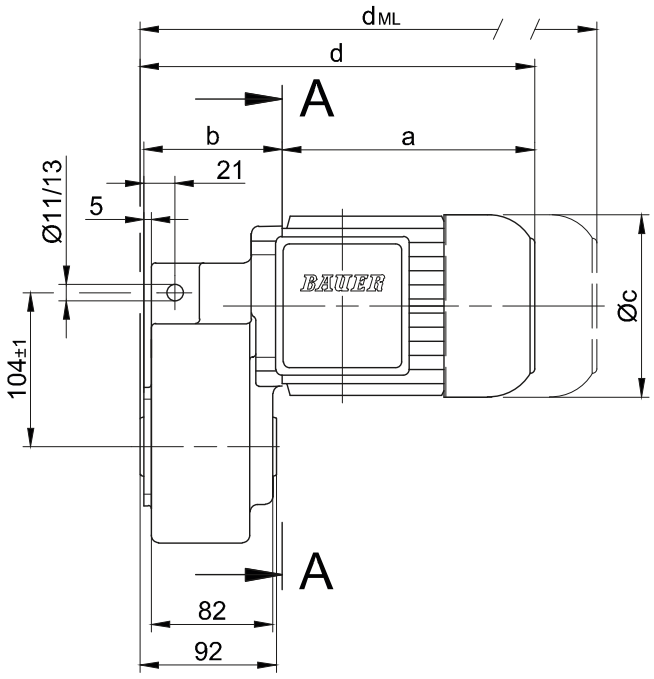
BF-series shaft-mounted geared motors

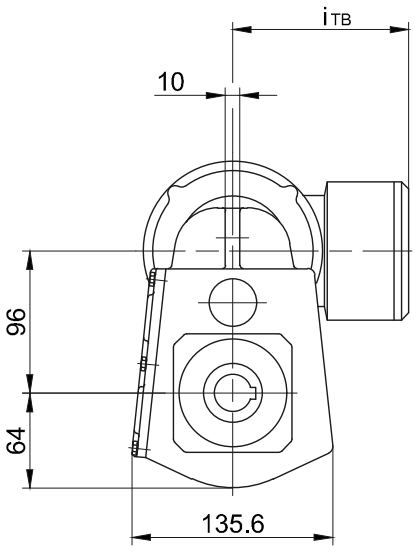
Dimension - Standard Metric

BF06

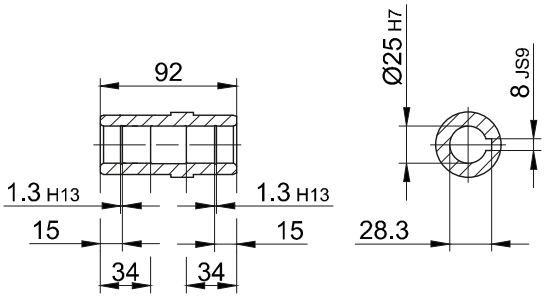
with torque arm

Code -0./

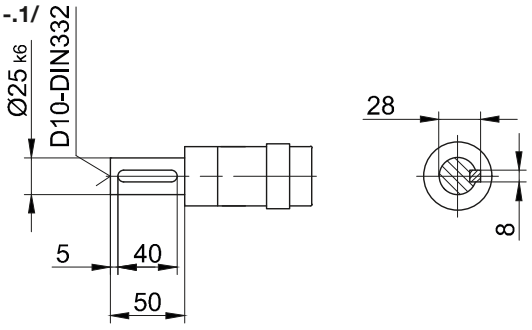


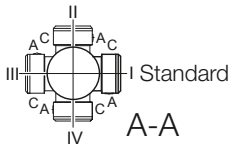


Code -.4/



Code -.1/



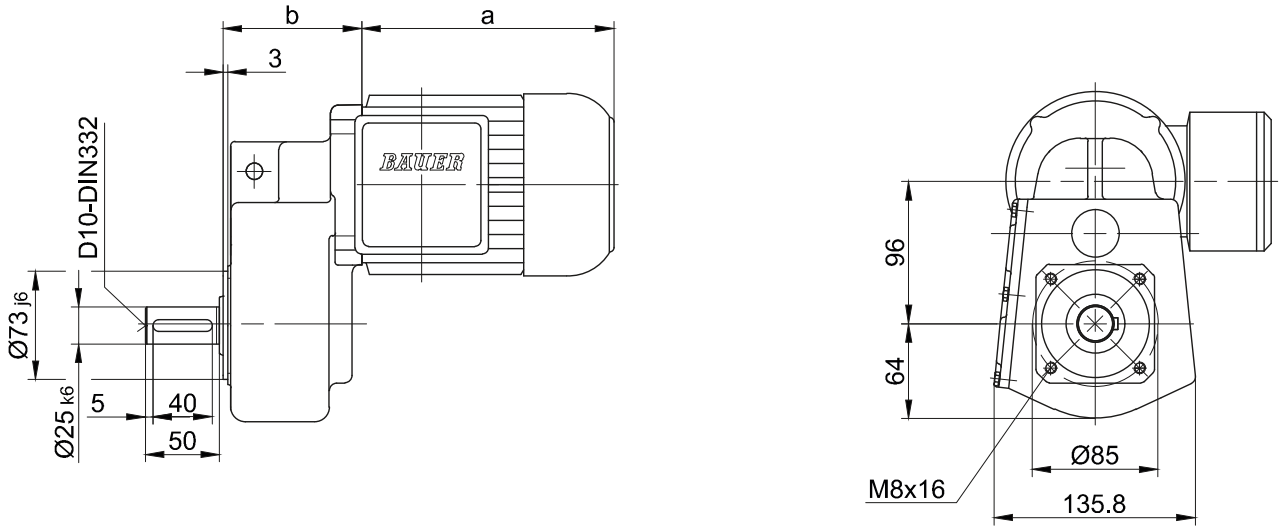


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF06-../D..05.A.	170.5	93.5	123	266.5	101,5	117	306	366.5	404	-
BF06-../D..06.A.	170.5	93.5	123	266.5	101,5	119	306	366.5	404	-
BF06-../D..07.A.	190.5	93.5	123	286.5	101,5	119	326	386.5	424	-
BF06-../D..08.A.	199.5	141.5	156	343.5	116	136.5	407	453	514.5	407
BF06-../D..08.B.	229.5	141.5	156	373.5	116	136.5	437	483	544	437
Dimensions in millimetres (mm)										

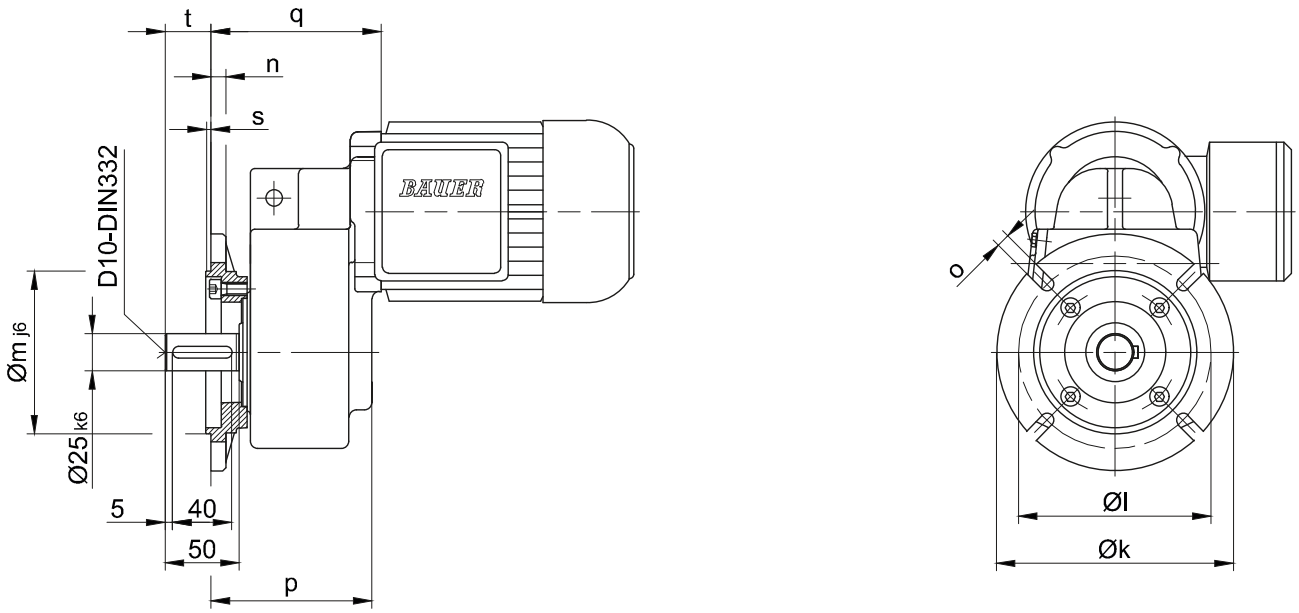
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF06

Flange with clearance holes
Code -7./



Flange with clearance holes
Code -3.V/
(Code -4.V/)



Flange Dimensions											
Type	Design	k	l	m	n	o	p	q[1)]	q[2)]	s	t
BF06	Code -3./	140	115	95	10	9	108.5	115	163	3	31
BF06	Code -4./	160	130	110	10	9	108.5	115	163	3.5	31
[1)] only for motor sizes D05; D06; D07 [2)] only for motor size D08..											
Dimensions in millimetres (mm)											

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

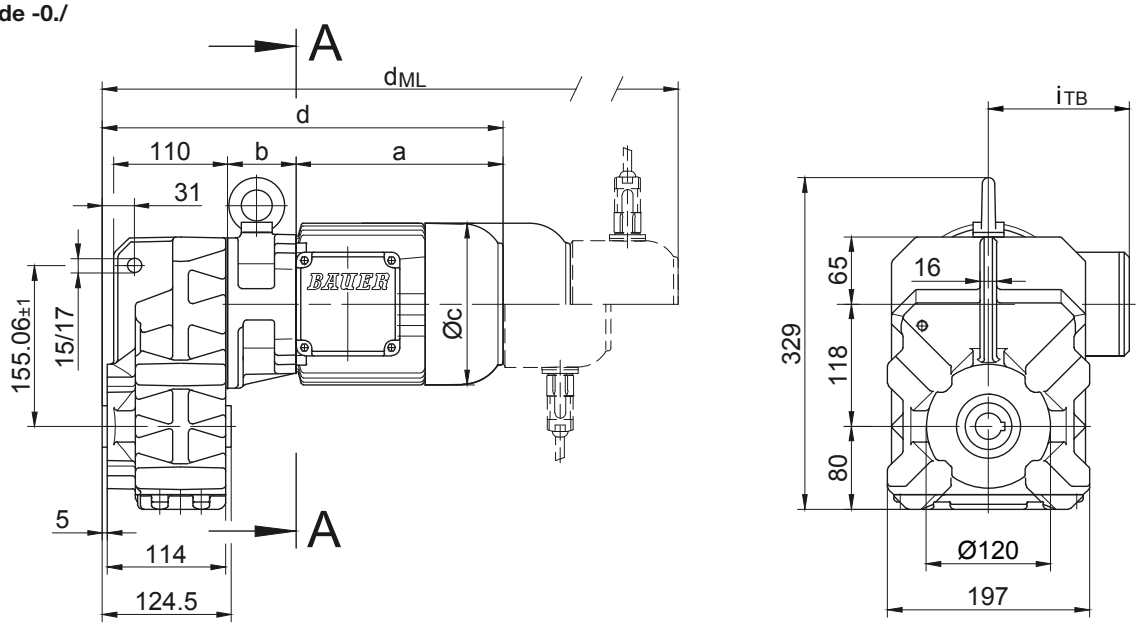
BF-series shaft-mounted geared motors

Dimension - Standard Metric

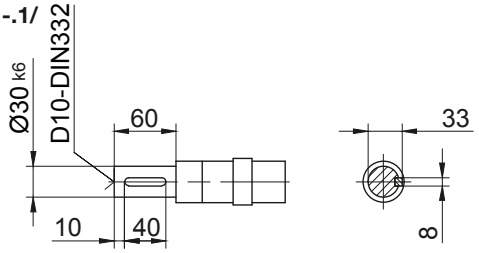
BF10 - BF10Z

with torque arm

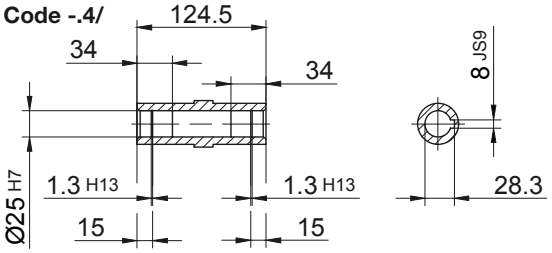
Code -0./



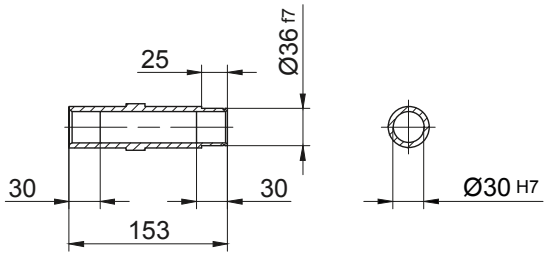
Code -.1/

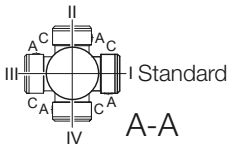


Code -.4/



Code .-5/



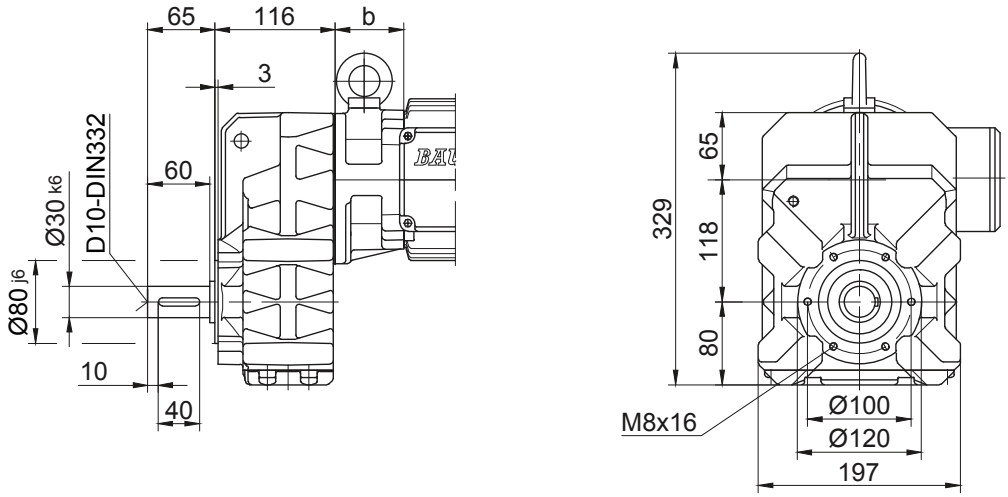


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF10Z-../D04.A.	142.5	86	110.5	349.5	90	112	393	437	480.5	-
BF10-../D..05.A.	170.5	62	123	353.5	101,5	117	395.5	456	493.5	-
BF10Z-../D..05.A.	170.5	88	123	379.5	101,5	117	421.6	482	519.5	-
BF10-../D..06.A.	170.5	62	123	353.5	101,5	119	395.5	456	493.5	-
BF10Z-../D..06.A.	170.5	88	123	379.5	101,5	119	421.5	482	519.5	-
BF10-../D..07.A.	190.5	62	123	373.5	101,5	119	415.5	476	513.5	-
BF10Z-../D..07.A.	190.5	88	123	399.5	101,5	119	441.5	502	539.5	-
BF10-../D..08.A.	199.5	66	156	386.5	116	136.5	452.5	498.5	560	452.5
BF10Z-../D..08.A.	199.5	132	156	452.5	116	136.5	518.5	564.5	626	518.5
BF10-../D..08.B.	229.5	66	156	416.5	116	136.5	482.5	528.5	589.5	482.5
BF10Z-../D..08.B.	229.5	132	156	482.5	116	136.5	548.5	594.5	655.5	548.5
BF10-../D..09.A.	250.5	80.5	176	452	125,5	157	545	559.5	649	545
BF10-../D..09.B.	308.5	80.5	176	510	125,5	157	603	617	707	603
Dimensions in millimetres (mm)										

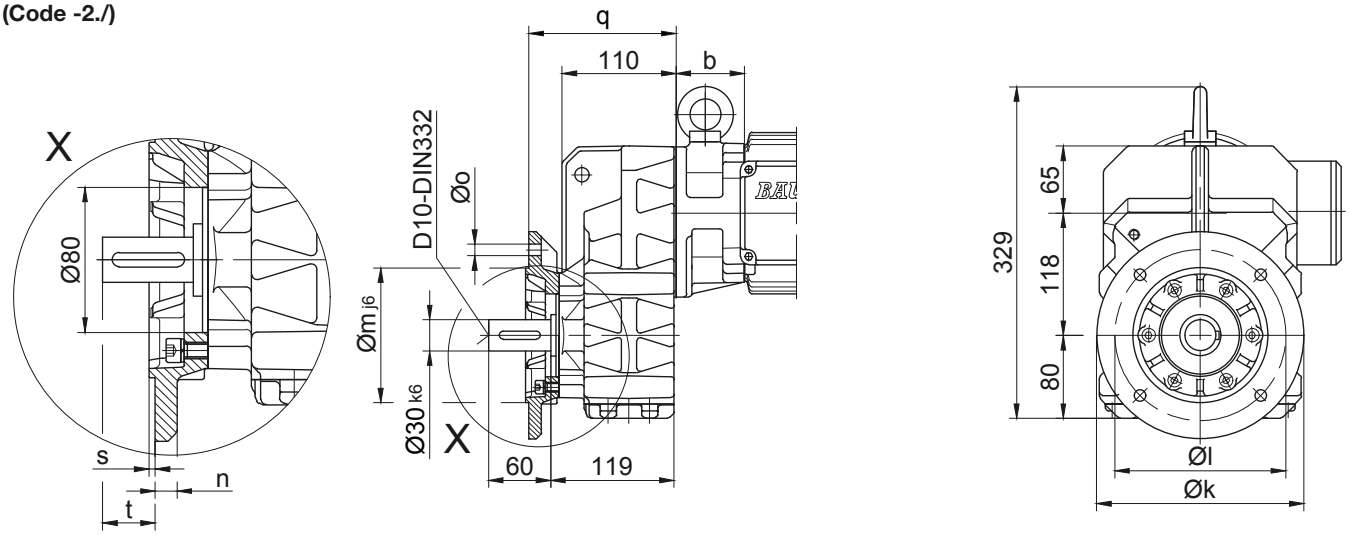
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF10 - BF10Z

Flange with tapped holes
Code -7./

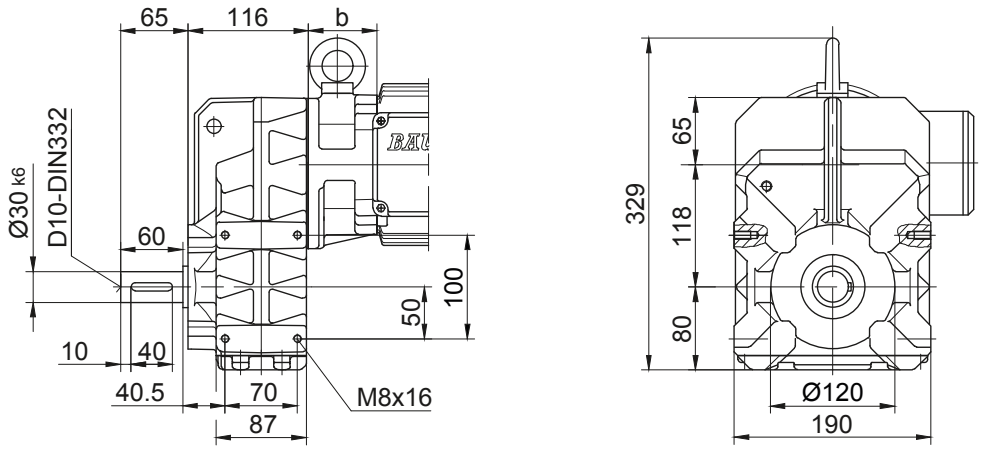


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF10..	Code -3./	200	165	130	12	11	142	3.5	39
BF10..	Code -2./	160	130	110	10	9	135	3.5	46
Dimensions in millimetres (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

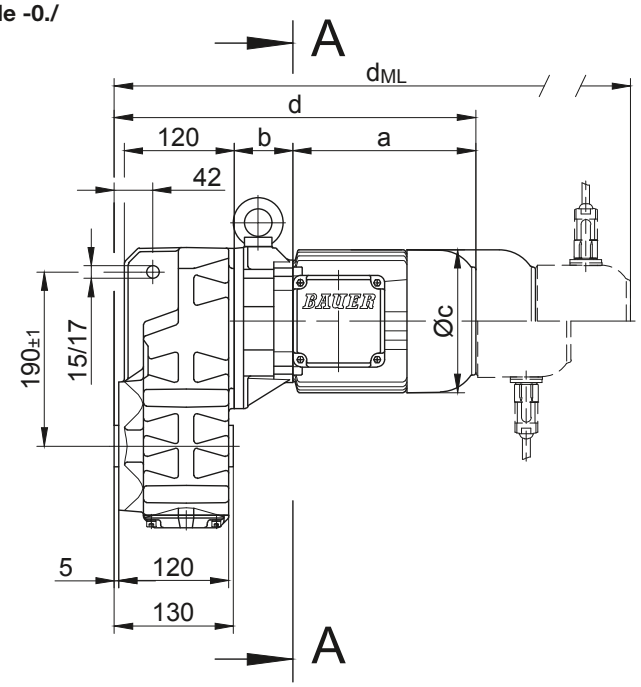
BF-series shaft-mounted geared motors

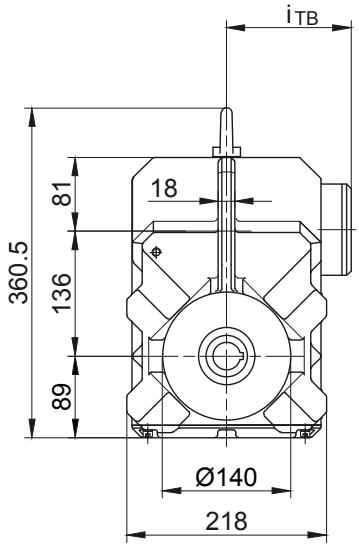
Dimension - Standard Metric

BF20 - BF20Z

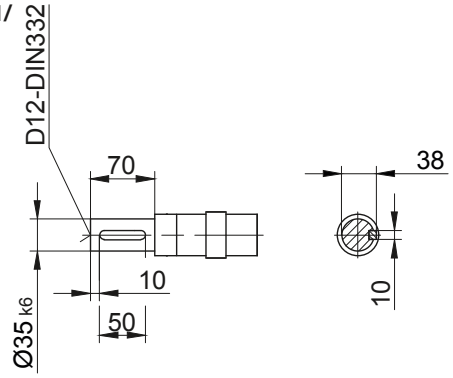
with torque arm

Code -0./

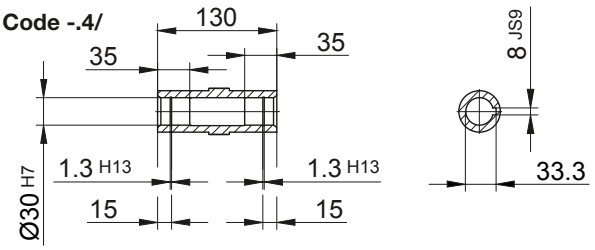




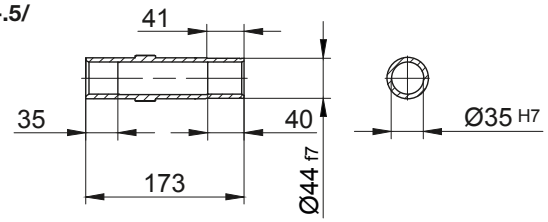
Code -.1/

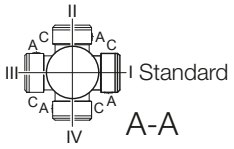


Code -.4/



Code -.5/



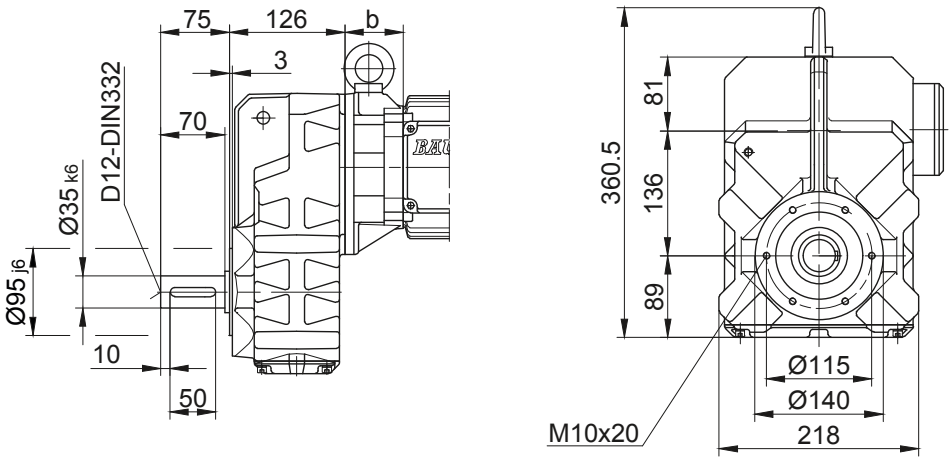


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF20Z-../D04.A.	142.5	100	110.5	373.5	90	112	417	461	504.5	-
BF20-../D..05.A.	170.5	60	123	361.5	101,5	117	403.5	464	501.5	-
BF20Z-../D..05.A.	170.5	102	123	403.5	101,5	117	445.5	506	543.5	-
BF20-../D..06.A.	170.5	60	123	361.5	101,5	119	403.5	464	501.5	-
BF20Z-../D..06.A.	170.5	102	123	403.5	101,5	119	445.5	506	543.5	-
BF20-../D..07.A.	190.5	60	123	381.5	101,5	119	423.5	484	521.5	-
BF20Z-../D..07.A.	190.5	102	123	423.5	101,5	119	465.5	526	563.5	-
BF20-../D..08.A.	199.5	64	156	394.5	116	136.5	460.5	506.5	568	460.5
BF20Z-../D..08.A.	199.5	146	156	476.5	116	136.5	542.5	588.5	650	542.5
BF20-../D..08.B.	229.5	64	156	424.5	116	136.5	490.5	536.5	597.5	490.5
BF20Z-../D..08.B.	229.5	146	156	506.5	116	136.5	572.5	618.5	679.5	572.5
BF20-../D..09.A.	250.5	78.5	176	460	125,5	157	553	567.5	657	553
BF20-../D..09.B.	308.5	78.5	176	518	125,5	157	611	625	715	611
Dimensions in millimetres (mm)										

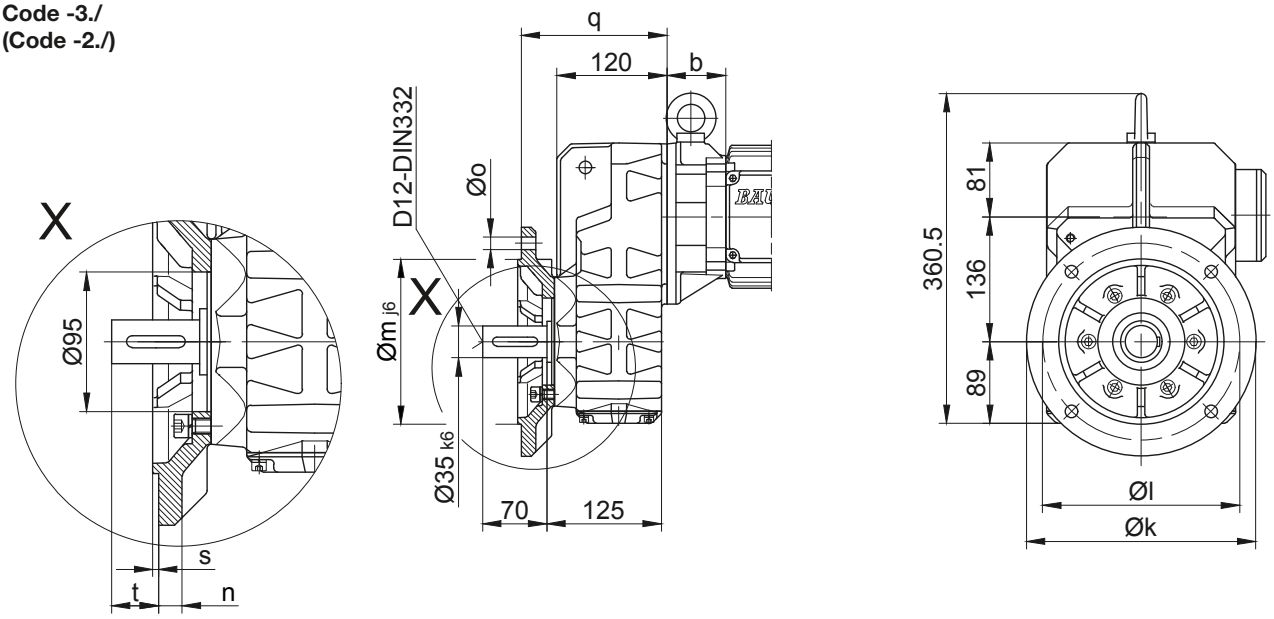
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF20 - BF20Z

Flange with tapped holes
Code -7./

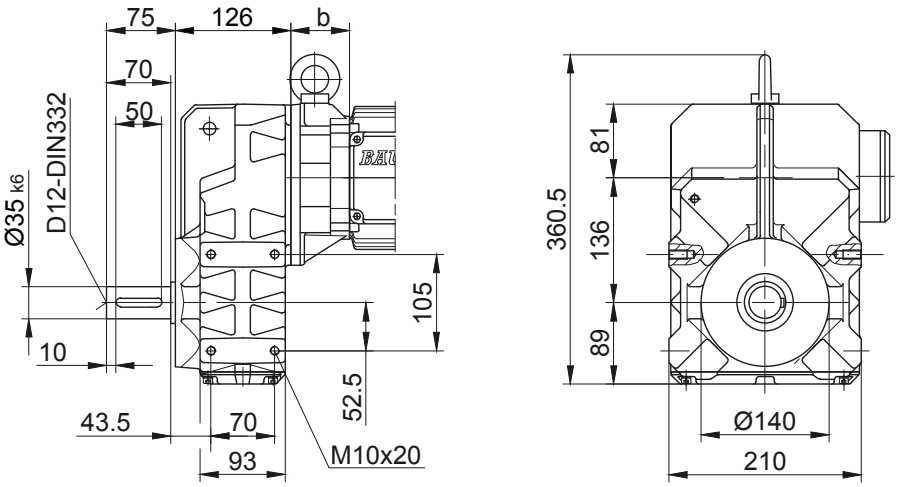


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF20..	Code -3./	250	215	180	16	13.5	159	4	42
BF20..	Code -2./	200	165	130	12	11	150	3.5	51
Dimensions in millimetres (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

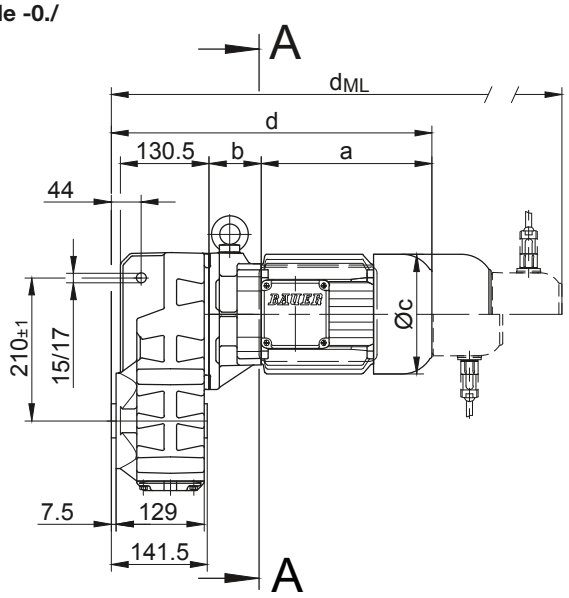
BF-series shaft-mounted geared motors

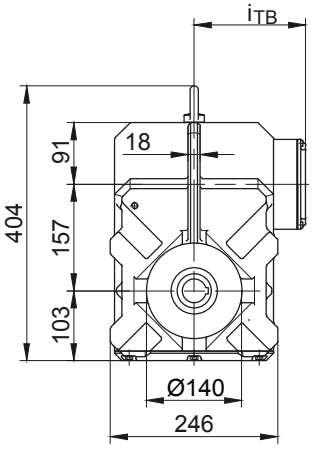
Dimension - Standard Metric

BF30 - BF30Z

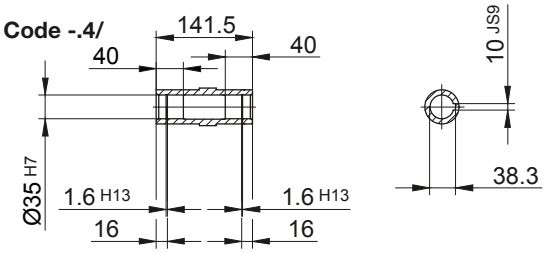
with torque arm

Code -0./

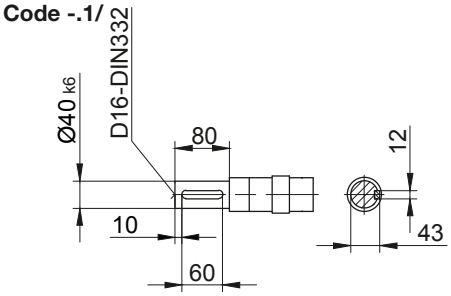




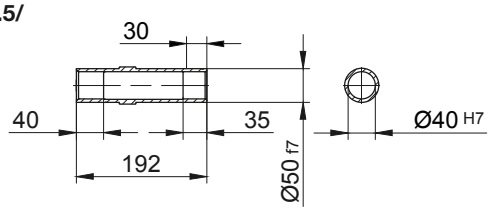
Code -.4/

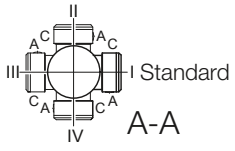


Code -.1/



Code -.5/



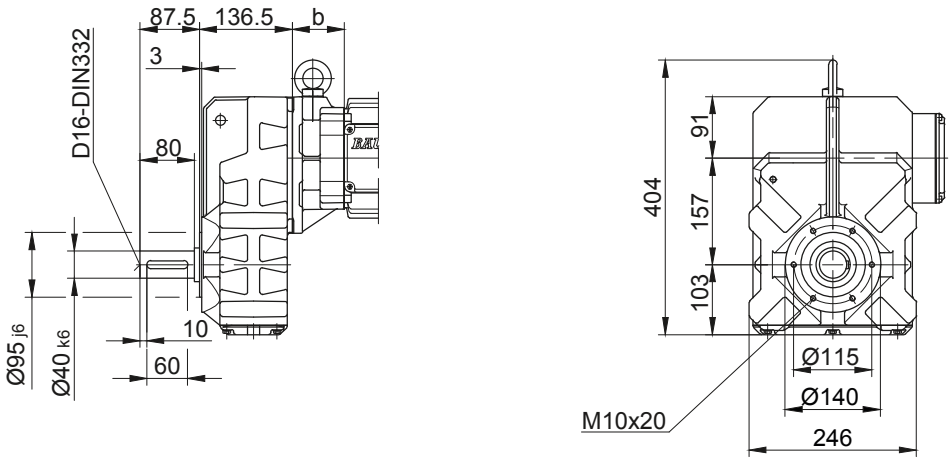


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF30-../D..05.A.	170.5	58	123	372.5	101,5	117	414.5	475	512.5	-
BF30Z-../D..05.A.	170.5	133.5	123	448	101,5	117	490	550.5	588	-
BF30-../D..06.A.	170.5	58	123	372.5	101,5	119	414.5	475	512.5	-
BF30Z-../D..06.A.	170.5	133.5	123	448	101,5	119	490	550.5	588	-
BF30-../D..07.A.	190.5	58	123	392.5	101,5	119	434.5	495	532.5	-
BF30Z-../D..07.A.	190.5	133.5	123	468	101,5	119	510	570.5	608	-
BF30-../D..08.A.	199.5	62	156	405.5	116	136.5	471.5	517.5	579	471.5
BF30Z-../D..08.A.	199.5	137.5	156	481	116	136.5	547	593	654.5	547
BF30-../D..08.B.	229.5	62	156	435.5	116	136.5	501.5	547.5	608.5	501.5
BF30Z-../D..08.B.	229.5	137.5	156	511	116	136.5	577	623	684	577
BF30-../D..09.A.	250.5	76.5	176	471	125,5	157	564	578.5	668	564
BF30Z-../D..09.A.	250.5	152	176	546.5	125,5	157	639.5	654	743.5	639.5
BF30-../D..09.B.	308.5	76.5	176	529	125,5	157	622	636	726	622
BF30Z-../D..09.B.	308.5	152	176	604.5	125,5	157	697.5	711.5	801.5	697.5
BF30-../D..11.A.	319	83	218	546	165	176	644	653.5	746	644
BF30-../D..11.B.	387	83	218	614	165	176	710	721.5	814	710
Dimensions in millimetres (mm)										

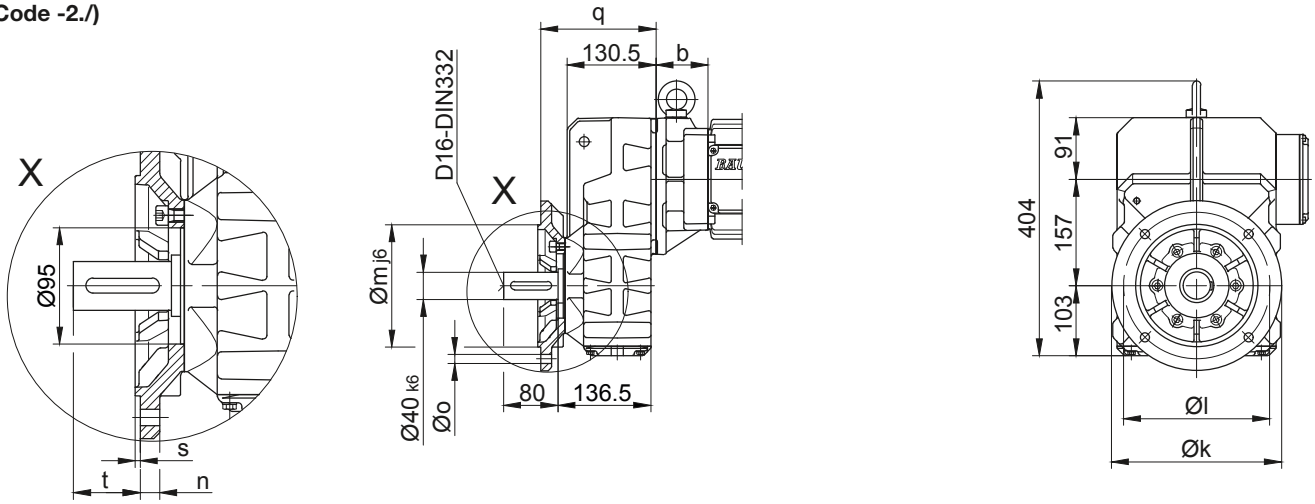
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF30 - BF30Z

Flange with tapped holes
Code -7./

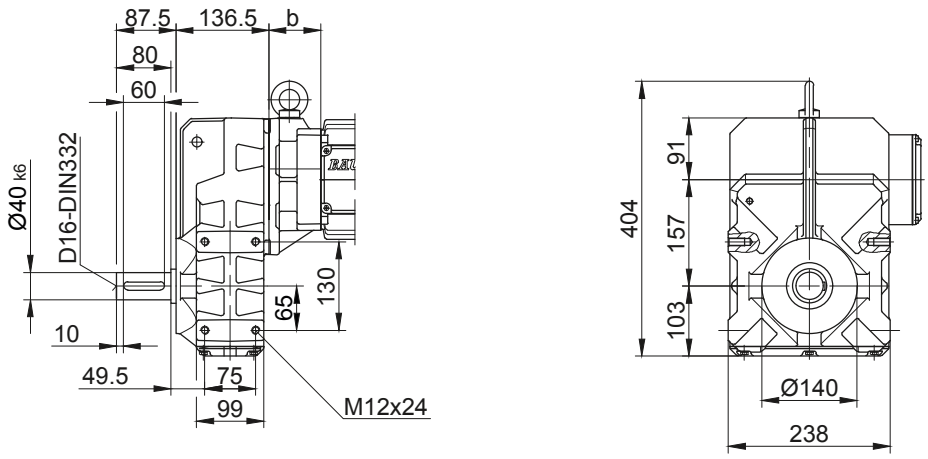


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF30..	Code -3./	250	215	180	16	13.5	169.5	4	54.5
BF30..	Code -2./	200	165	130	12	11	160.5	3.5	63.5
Dimensions in millimetres (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

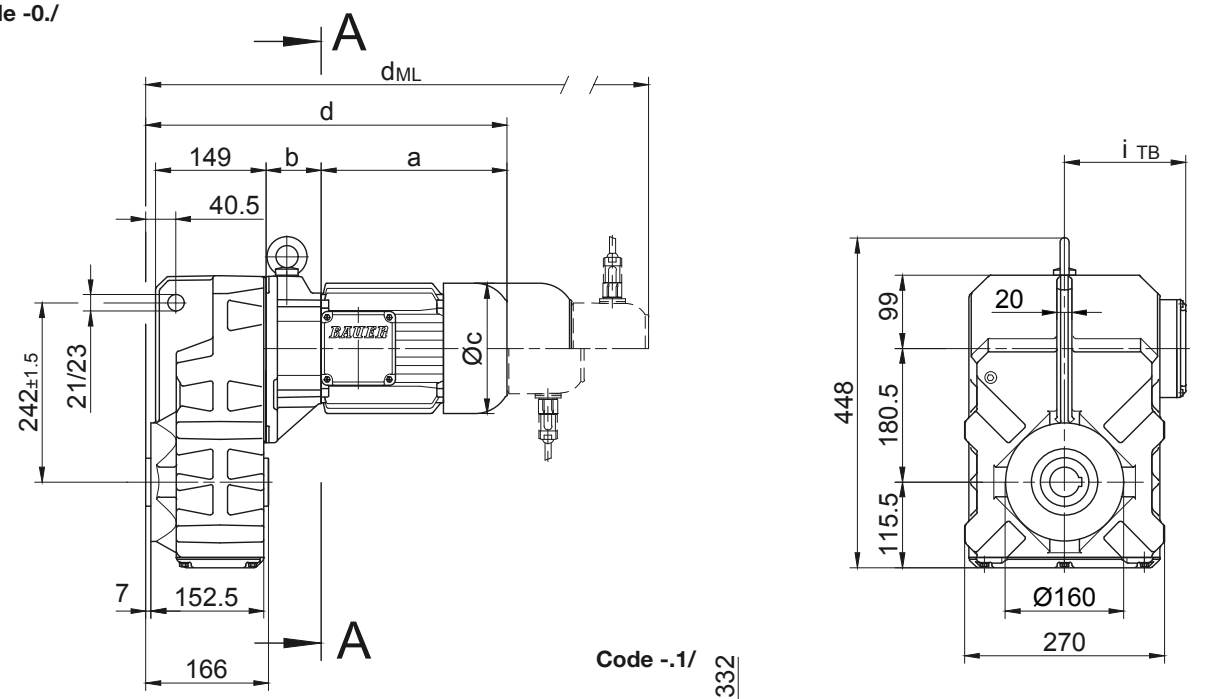
BF-series shaft-mounted geared motors

Dimension - Standard Metric

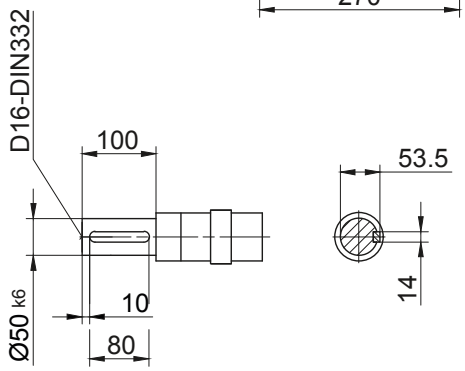
BF40 - BF40Z

with torque arm

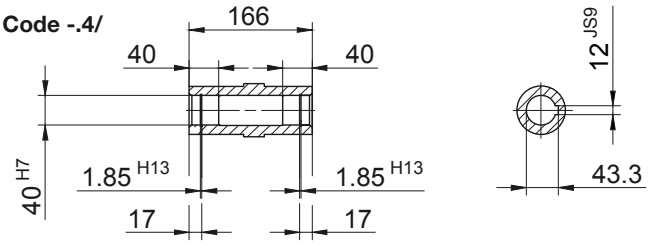
Code -0./



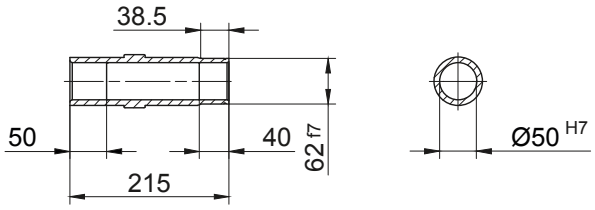
Code -.1/

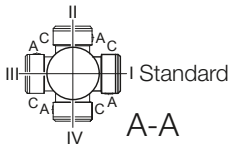


Code -.4/



Code -.5/



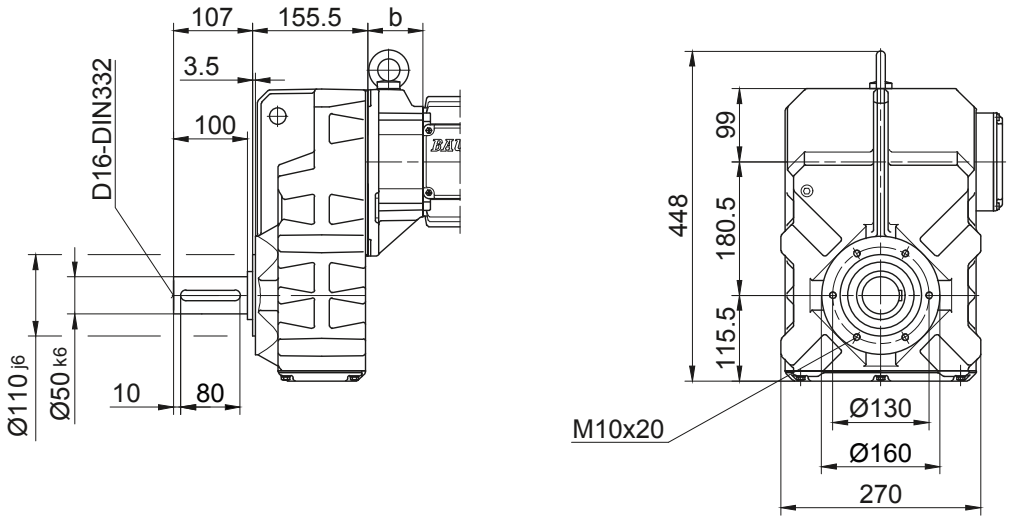


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF40Z-../D..05.A.	170.5	138.5	123	471.5	101,5	117	513.5	574	611.5	-
BF40Z-../D..06.A.	170.5	138.5	123	471.5	101,5	119	513.5	574	611.5	-
BF40Z-../D..07.A.	190.5	138.5	123	491.5	101,5	119	533.5	594	631.5	-
BF40-../D..08.A.	199.5	60	156	422	116	136.5	488	534	595.5	488
BF40Z-../D..08.A.	199.5	142.5	156	504.5	116	136.5	570.5	616.5	678	570.5
BF40-../D..08.B.	229.5	60	156	452	116	136.5	518	564	625	518
BF40Z-../D..08.B.	229.5	142.5	156	534.5	116	136.5	600.5	646.5	707.5	600.5
BF40-../D..09.A.	250.5	74.5	176	487.5	125,5	157	580.5	595	684.5	580.5
BF40Z-../D..09.A.	250.5	157	176	570	125,5	157	663	677.5	767	663
BF40-../D..09.B.	308.5	74.5	176	545.5	125,5	157	638.5	652.5	742.5	638.5
BF40Z-../D..09.B.	308.5	157	176	628	125,5	157	721	735	825	721
BF40-../D..11.A.	319	81	218	562.5	165	176	660.5	670	762.5	660.5
BF40-../D..11.B.	387	81	218	630.5	165	176	726.5	738	830.5	726.5
Dimensions in millimetres (mm)										

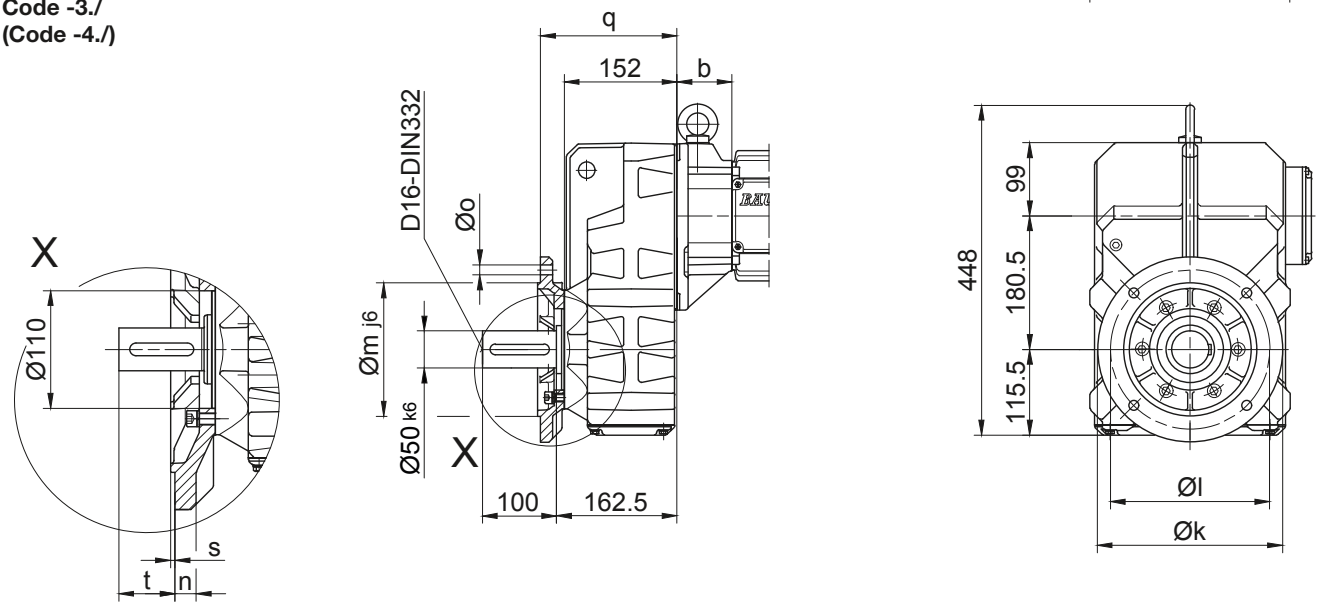
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF40 - BF40Z

Flange with tapped holes
Code -7./

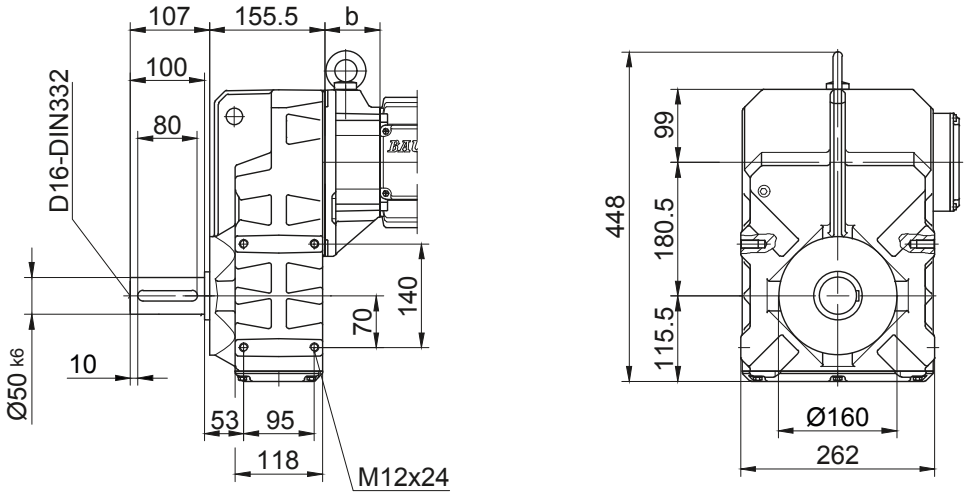


Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF40..	Code -3./	250	215	180	16	13.5	184	4	78.5
BF40..	Code -4./	300	265	230	20	13.5	190	4	72.5
Dimensions in millimetres (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

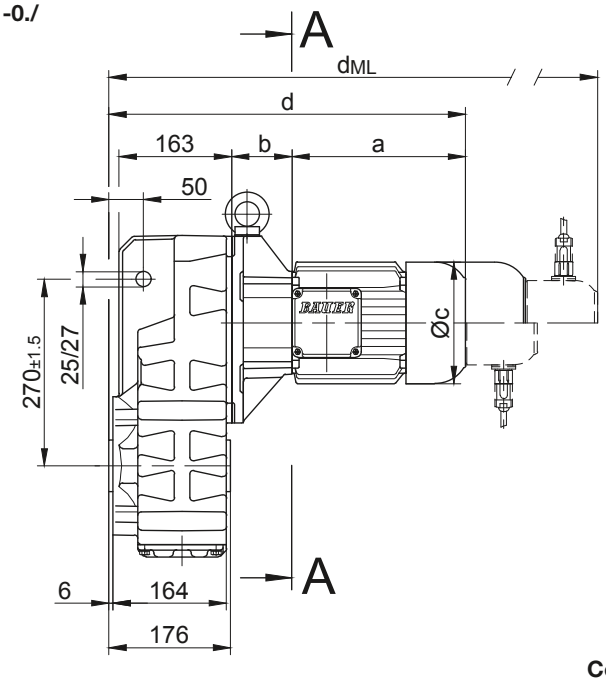
BF-series shaft-mounted geared motors

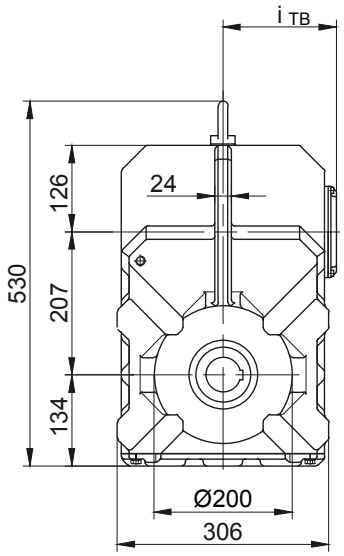
Dimension - Standard Metric

BF50 - BF50Z

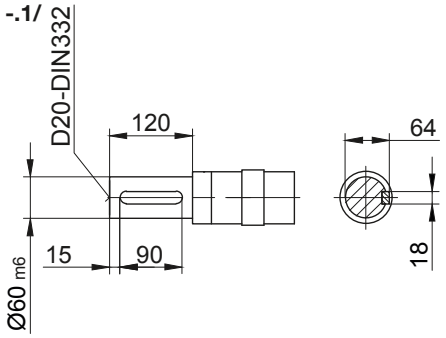
with torque arm

Code -0./

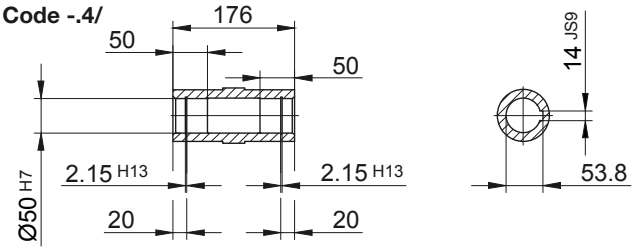




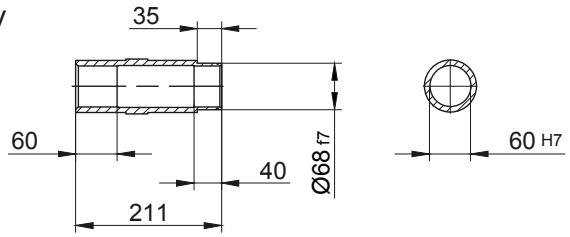
Code -.1/

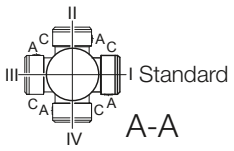


Code -.4/



Code -.5/



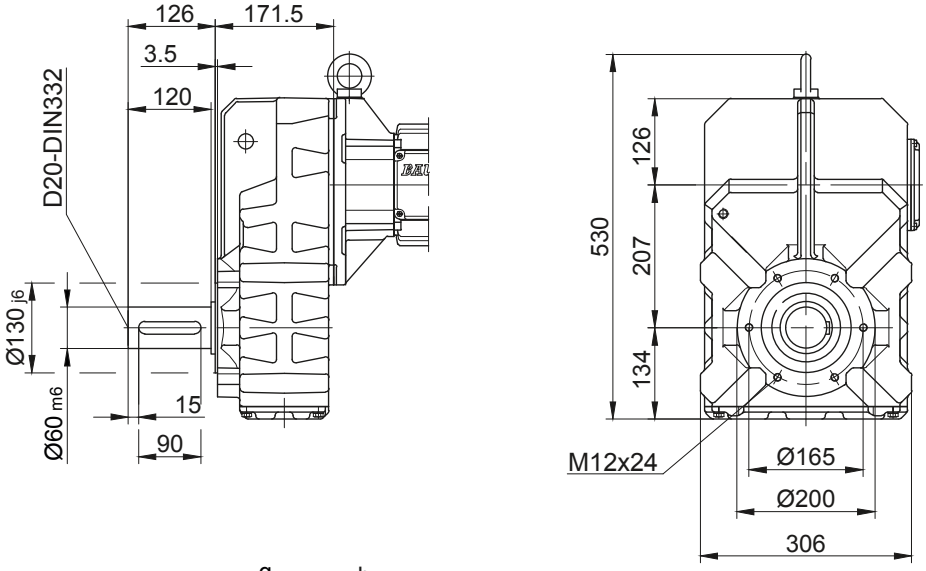


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF50Z-../D..05.A.	170.5	155	123	503	101,5	117	545	605.5	643	-
BF50Z-../D..06.A.	170.5	155	123	503	101,5	119	545	605.5	643	-
BF50Z-../D..07.A.	190.5	155	123	523	101,5	119	565	625.5	663	-
BF50-../D..08.A.	199.5	73	156	450	116	136.5	516	562	623.5	516
BF50Z-../D..08.A.	199.5	159	156	536	116	136.5	602	648	709.5	602
BF50-../D..08.B.	229.5	73	156	480	116	136.5	546	592	653	546
BF50Z-../D..08.B.	229.5	159	156	566	116	136.5	632	678	739	632
BF50-../D..09.A.	250.5	87.5	176	515.5	125,5	157	608.5	623	712.5	608.5
BF50Z-../D..09.A.	250.5	173.5	176	601.5	125,5	157	694.5	709	798.5	694.5
BF50-../D..09.B.	308.5	87.5	176	573.5	125,5	157	666.5	680.5	770.5	666.5
BF50Z-../D..09.B.	308.5	173.5	176	659.5	125,5	157	752.5	766.5	856.5	752.5
BF50-../D..11.A.	319	94	218	590.5	165	176	688.5	698	790.5	688.5
BF50-../D..11.B.	387	94	218	658.5	165	176	754.5	766	858.5	754.5
BF50-../D..13.A.	393	107	258	677.5	217	217	788.5	784.5	889.5	785.5
BF50-../D..16.B.	454.5	121	310	753	243	243	896.5	860	1000	896.5
BF50-../D..18.B.	542	143	348	862.5	288	288	1012	968	1115.5	1012
Dimensions in millimetres (mm)										

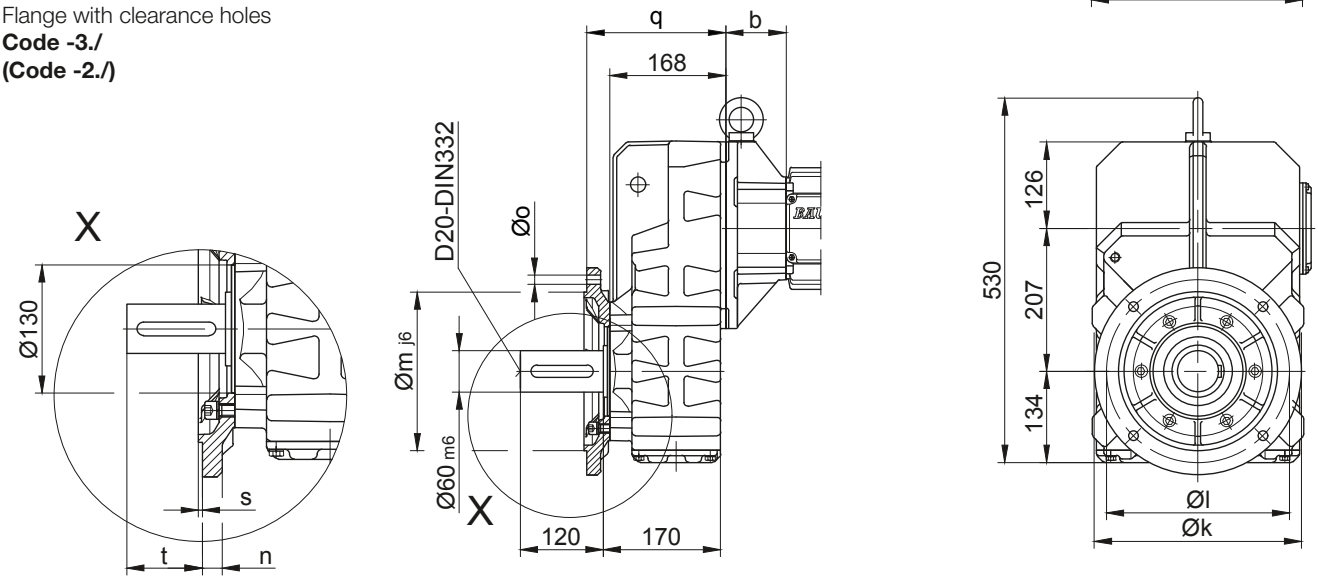
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF50 - BF50Z

Flange with tapped holes
Code -7./

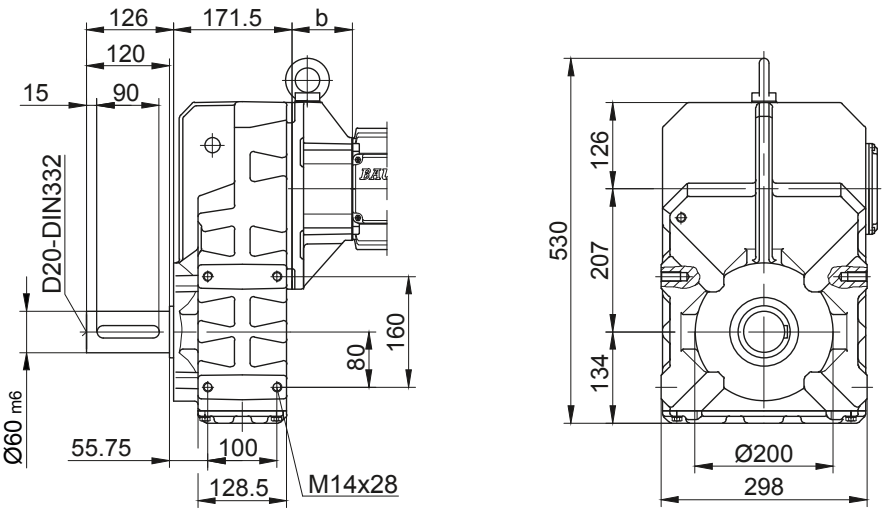


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF50..	Code -3./	300	265	230	20	13.5	201	4	96.5
BF50..	Code -2./	250	215	180	16	13.5	198	4	99.5
Dimensions in millimetres (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

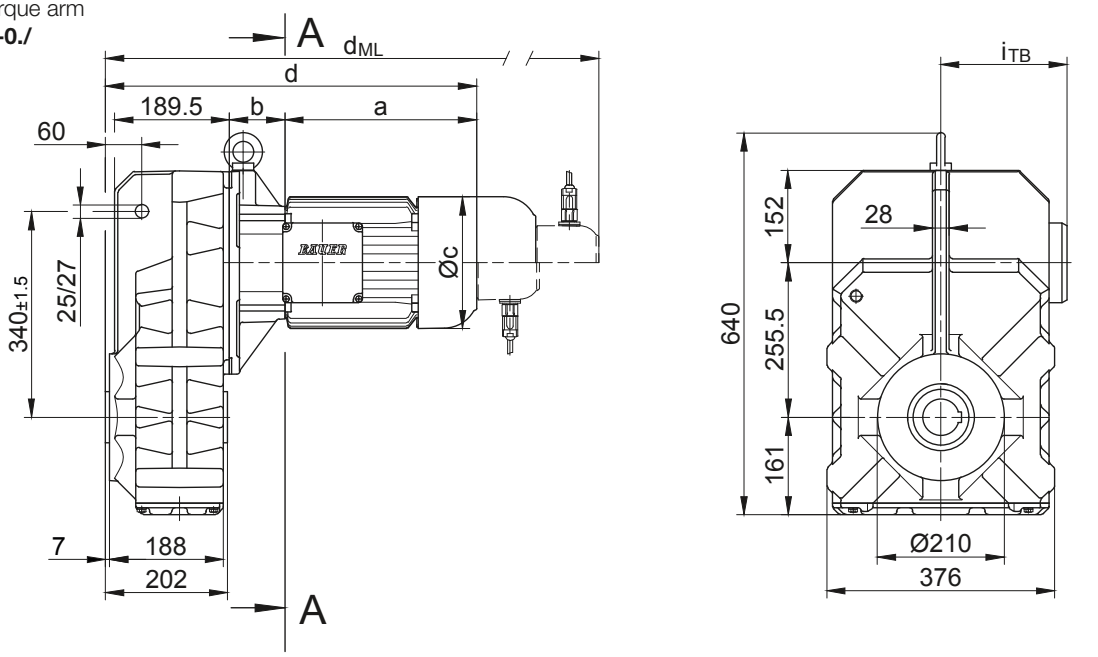
BF-series shaft-mounted geared motors

Dimension - Standard Metric

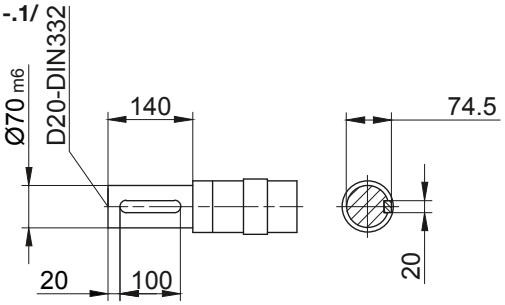
BF60 - BF60Z

with torque arm

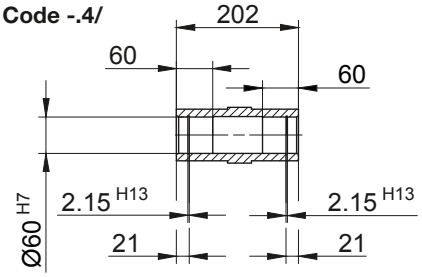
Code -0./

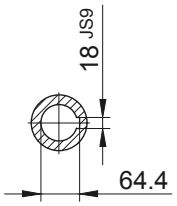


Code -.1/

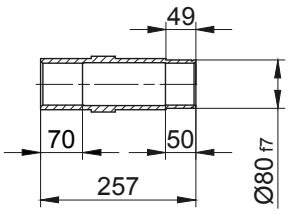


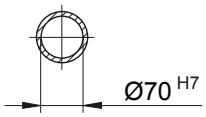
Code -.4/

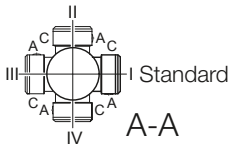




Code -.5/





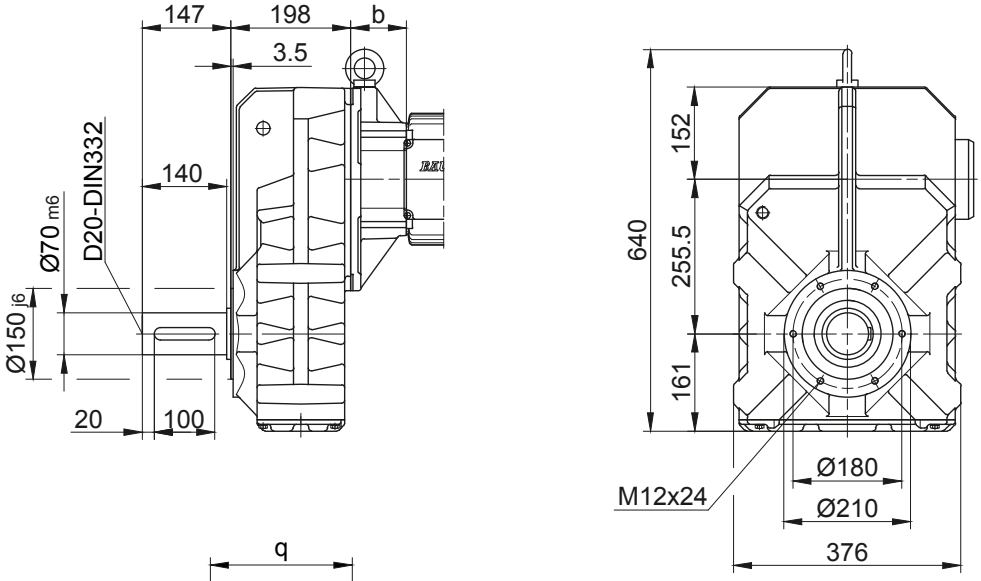


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF60Z-../D..08.A.	199.5	181	156	585.5	116	136.5	651.5	697.5	759	651.5
BF60Z-../D..08.B.	229.5	181	156	615.5	116	136.5	681.5	727.5	788.5	681.5
BF60-../D..09.A.	250.5	85.5	176	541	125,5	157	634	648.5	738	634
BF60Z-../D..09.A.	250.5	195.5	176	651	125,5	157	744	758.5	848	744
BF60-../D..09.B.	308.5	85.5	176	599	125,5	157	692	706	796	692
BF60Z-../D..09.B.	308.5	195.5	176	709	125,5	157	802	816	906	802
BF60-../D..11.A.	319	92	218	616	165	176	714	723.5	816	714
BF60Z-../D..11.A.	319	202	218	726	165	176	824	833.5	926	824
BF60-../D..11.B.	387	92	218	684	165	176	780	791.5	884	780
BF60Z-../D..11.B.	387	202	218	794	165	176	890	901.5	994	890
BF60-../D..13.A.	393	105	258	703	217	217	814	810	915	811
BF60-../D..16.B.	454.5	119	310	778.5	243	243	922	885.5	1025.5	922
BF60-../D..18.B.	542	141	348	888	288	288	1037.5	993.5	1141	1037.5
Dimensions in millimetres (mm)										

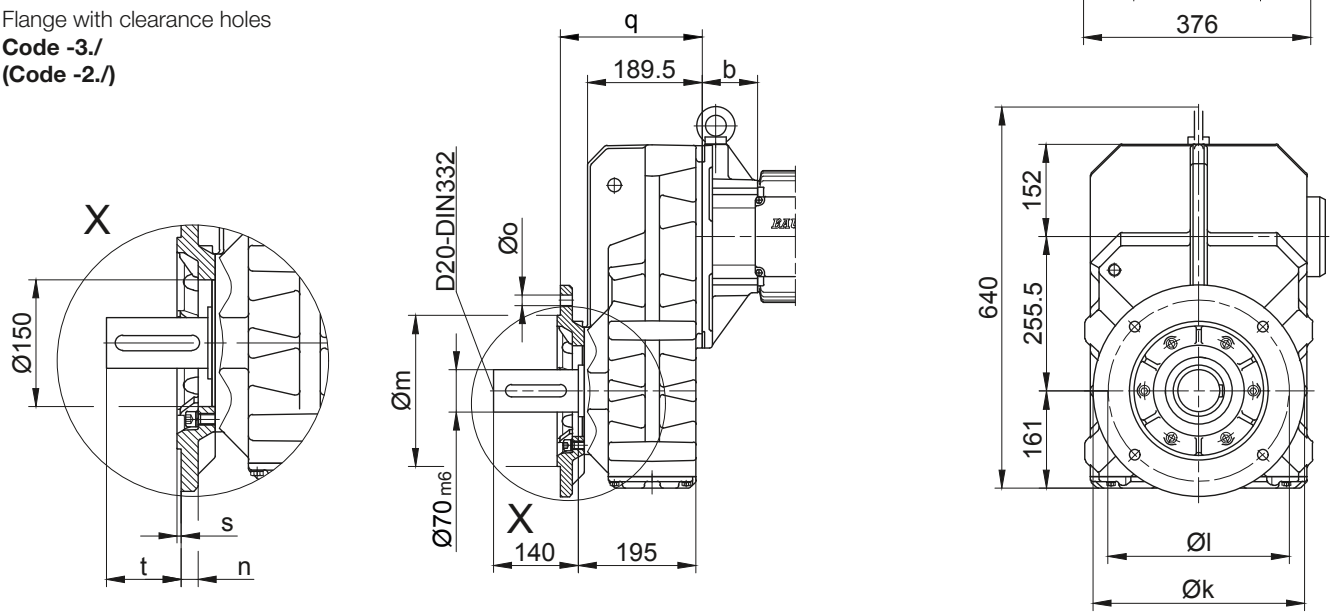
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF60 - BF60Z

Flange with tapped holes
Code -7./

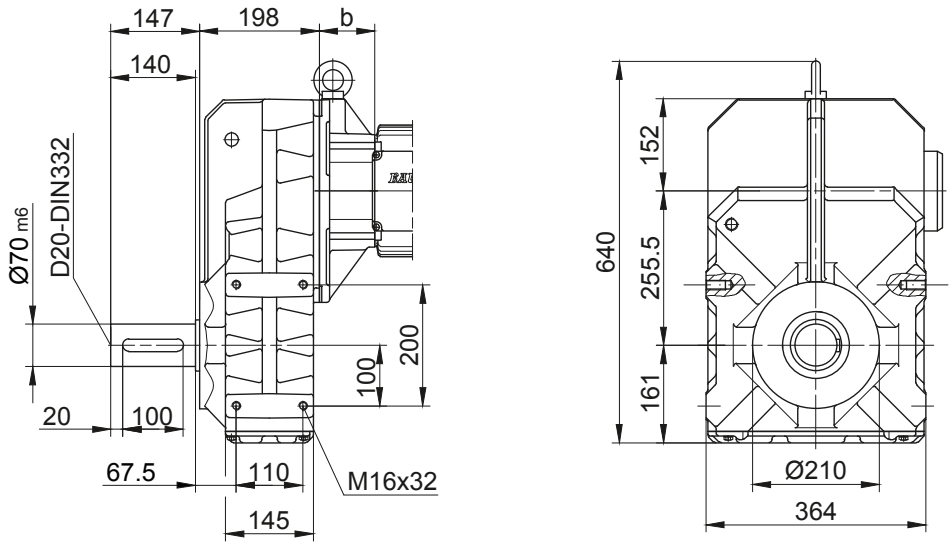


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF60..	Code -3./	350	300	250	20	17.5	234.5	5	110.5
BF60..	Code -2./	300	265	230	20	13.5	242.5	4	102.5
Dimensions in millimetres (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

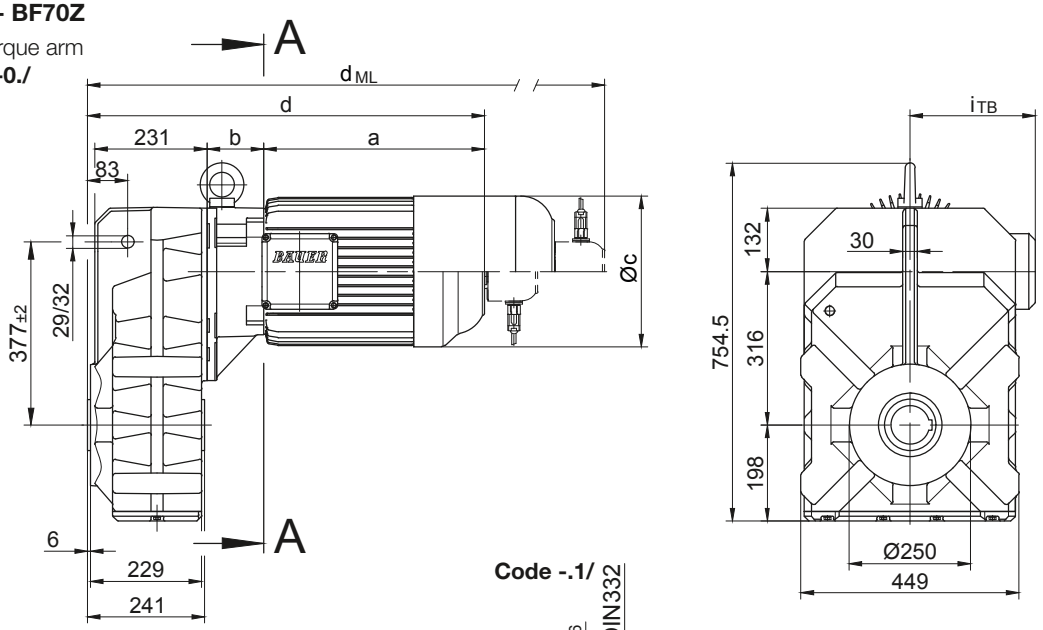
BF-series shaft-mounted geared motors

Dimension - Standard Metric

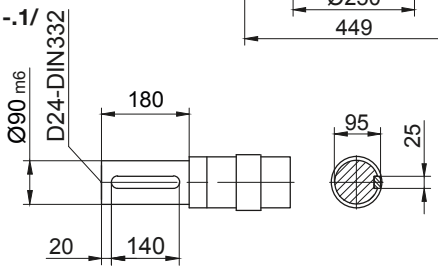
BF70 - BF70Z

with torque arm

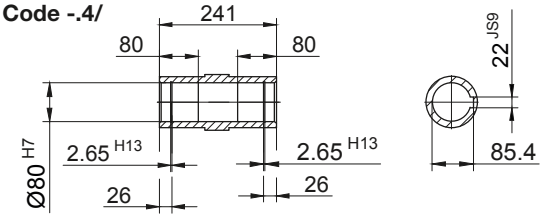
Code -0./



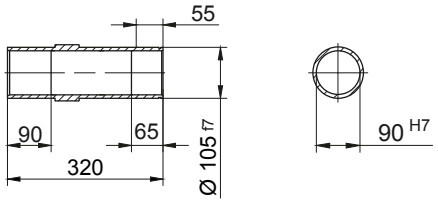
Code -.1/



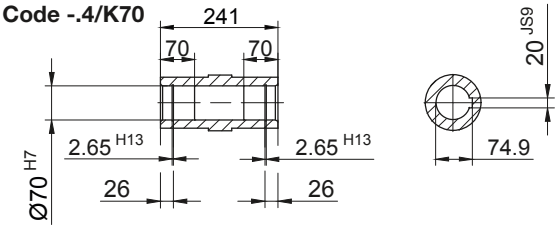
Code -.4/

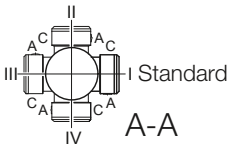


Code -.5/



Code -.4/K70



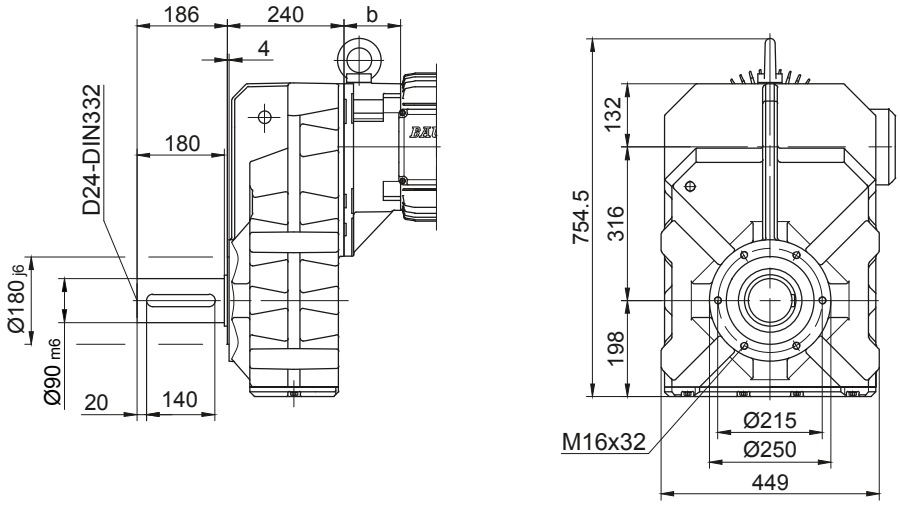


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF70Z-../D..08.A.	199.5	202	156	647.5	116	136.5	713.5	759.5	821	713.5
BF70Z-../D..08.B.	229.5	202	156	677.5	116	136.5	743.5	789.5	850.5	743.5
BF70-../D..09.A.	250.5	83.5	176	580	125,5	157	673	687.5	777	673
BF70Z-../D..09.A.	250.5	216.5	176	713	125,5	157	806	820.5	910	806
BF70-../D..09.B.	308.5	83.5	176	638	125,5	157	731	745	835	731
BF70Z-../D..09.B.	308.5	216.5	176	771	125,5	157	864	878	968	864
BF70-../D..11.A.	319	90	218	655	165	176	753	762.5	855	753
BF70Z-../D..11.A.	319	223	218	788	165	176	886	895.5	988	886
BF70-../D..11.B.	387	90	218	723	165	176	819	830.5	923	819
BF70Z-../D..11.B.	387	223	218	856	165	176	952	963.5	1056	952
BF70-../D..13.A.	393	103	258	742	217	217	853	849	954	850
BF70Z-../D..13.A.	393	236	258	875	217	217	986	982	1087	983
BF70-../D..16.B.	454.5	117	310	817.5	243	243	961	924.5	1064.5	961
BF70Z-../D..16.B.	454.5	250	310	950.5	243	243	1094	1057.5	1197.5	1094
BF70-../D..18.B.	542	139	348	927	288	288	1076.5	1032.5	1180	1076.5
BF70Z-../D..18.B.	542	272	348	1060	288	288	1209.5	1165.5	1313	1209.5
BF70-../D..20.A.	703.5	156	363	1105.5	302	302	1233	1211	1338.5	1105.5
BF70-../D..22.A.	703.5	156	363	1105.5	302	302	1233	1211	1338.5	1105.5
Dimensions in millimetres (mm)										

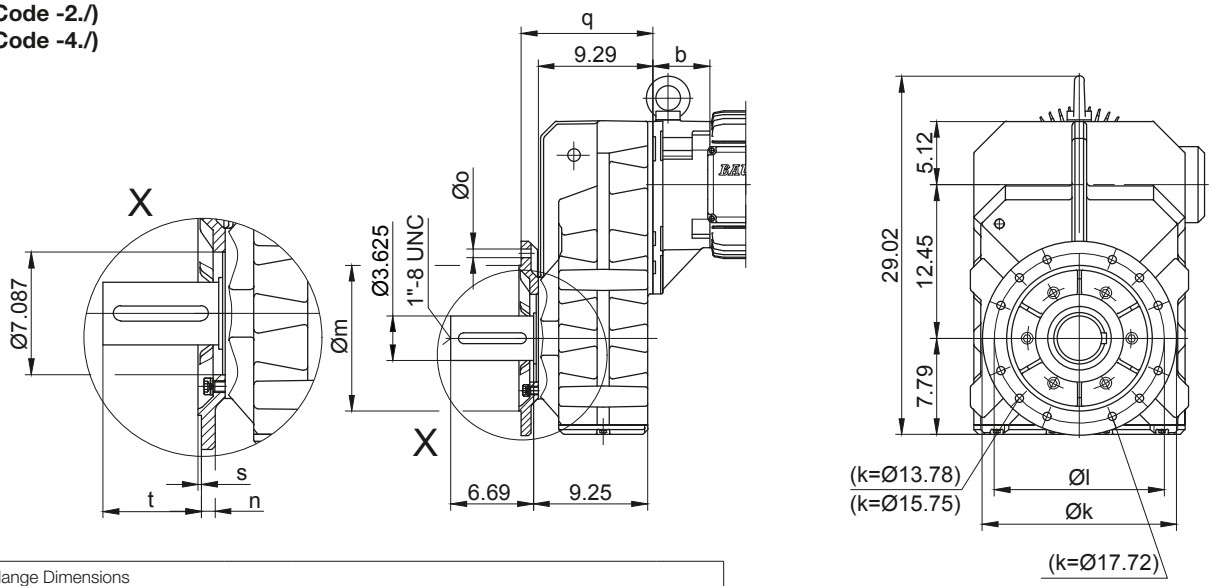
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF70 - BF70Z

Flange with tapped holes
Code -7./

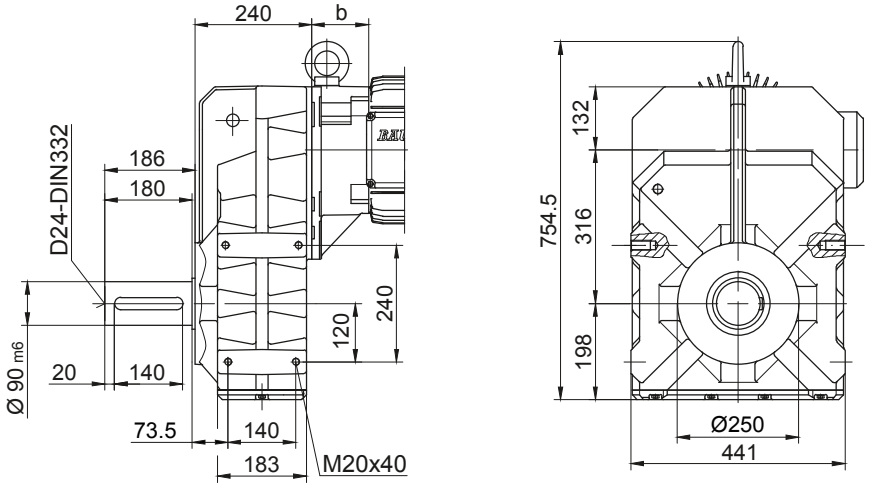


Flange with clearance holes
Code -3./
(Code -2./)
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF70..	Code -3./	400	350	300	20	4 x 17.5	271	5	155
BF70..	Code -2./	350	300	250	20	4 x 17.5	271	5	155
BF70..	Code -4./	450	400	350	22	8 x 17.5	281	5	145
Dimensions in millimetres (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

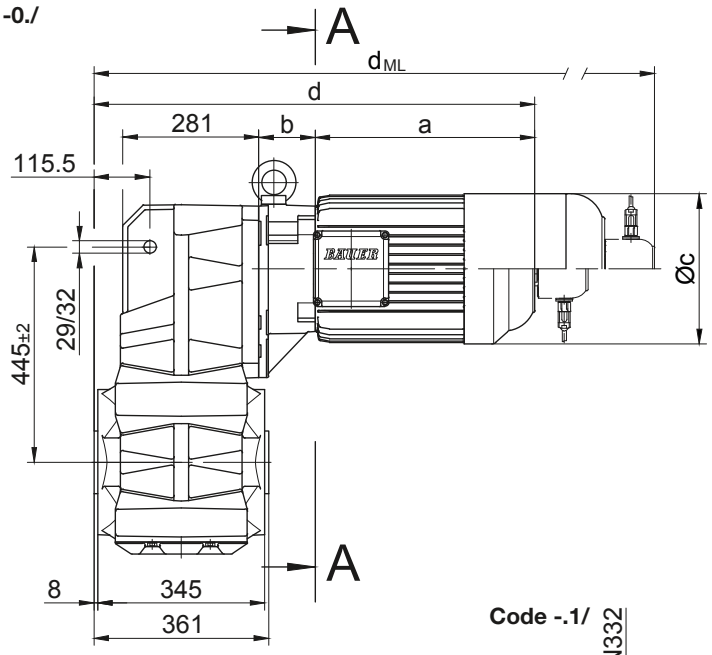
BF-series shaft-mounted geared motors

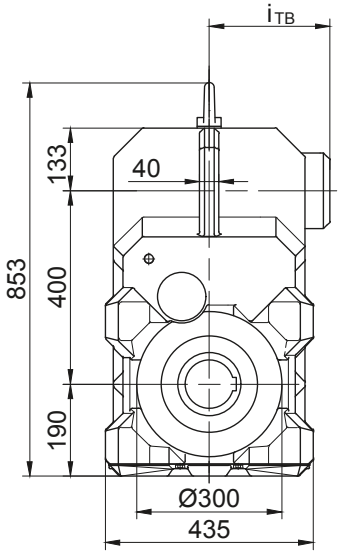
Dimension - Standard Metric

BF80 - BF80Z

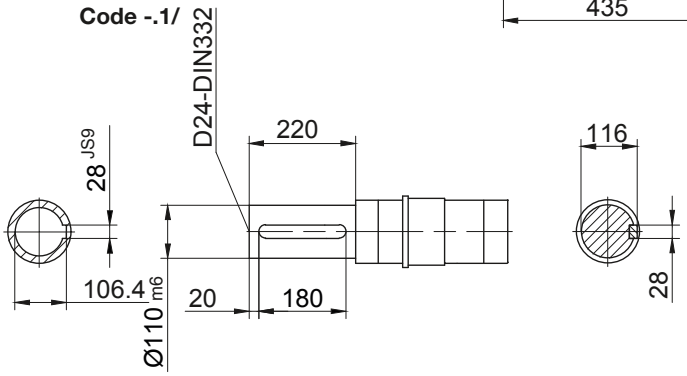
with torque arm

Code -0./

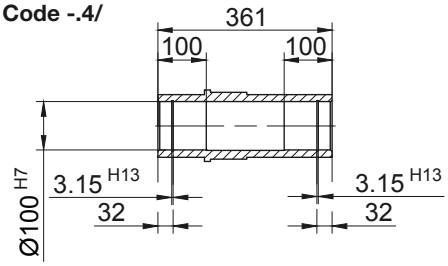




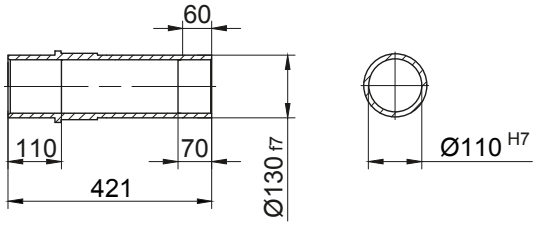
Code -.1/

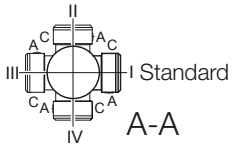


Code -.4/



Code -.5/



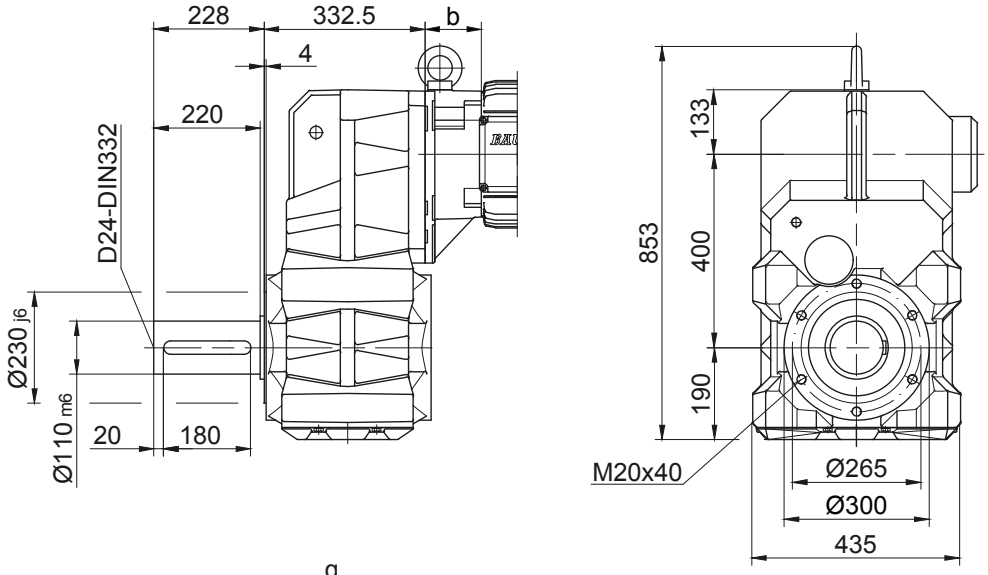


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF80Z-../D..08.A.	199.5	202	156	742	116	136.5	808	854	915.5	808
BF80-../D..09.A.	250.5	83.5	176	674.5	125,5	157	767.5	782	871.5	767.5
BF80Z-../D..09.A.	250.5	216.5	176	807.5	125,5	157	900.5	915	1004.5	900.5
BF80-../D..09.B.	308.5	83.5	176	732.5	125,5	157	825.5	839.5	929.5	825.5
BF80Z-../D..09.B.	308.5	216.5	176	865.5	125,5	157	958.5	972.5	1062.5	958.5
BF80-../D..11.A.	319	90	218	749.5	165	176	847.5	857	949.5	847.5
BF80Z-../D..11.A.	319	223	218	882.5	165	176	980.5	990	1082.5	980.5
BF80-../D..11.B.	387	90	218	817.5	165	176	913.5	925	1017.5	913.5
BF80Z-../D..11.B.	387	223	218	950.5	165	176	1046.5	1058	1150.5	1046.5
BF80-../D..13.A.	393	103	258	836.5	217	217	947.5	943.5	1048.5	944.5
BF80Z-../D..13.A.	393	236	258	969.5	217	217	1080.5	1076.5	1181.5	1077.5
BF80-../D..16.B.	454.5	117	310	912	243	243	1055.5	1019	1159	1055.5
BF80Z-../D..16.B.	454.5	250	310	1045	243	243	1188.5	1152	1292	1188.5
BF80-../D..18.B.	542	139	348	1021.5	288	288	1171	1127	1274.5	1171
BF80Z-../D..18.B.	542	272	348	1154.5	288	288	1304	1260	1407.5	1304
BF80-../D..20.A.	703.5	156	363	1200	302	302	1327.5	1305.5	1433	1200
BF80-../D..22.A.	703.5	156	363	1200	302	302	1327.5	1305.5	1433	1200
Dimensions in millimetres (mm)										

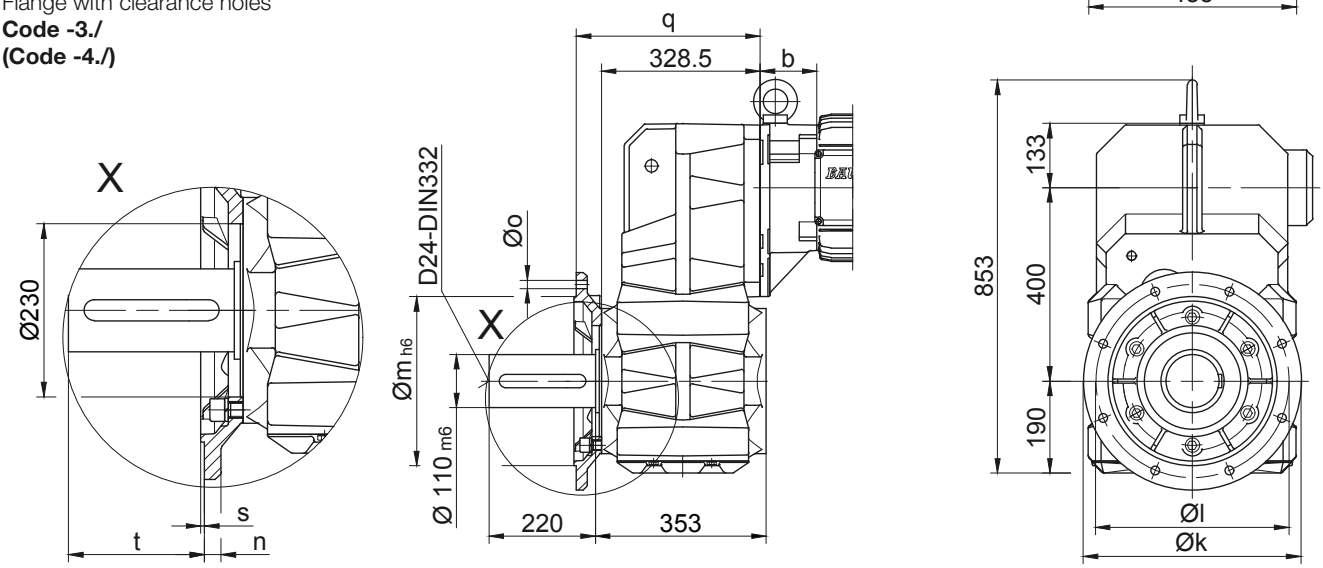
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF80 - BF80Z

Flange with tapped holes
Code -7./

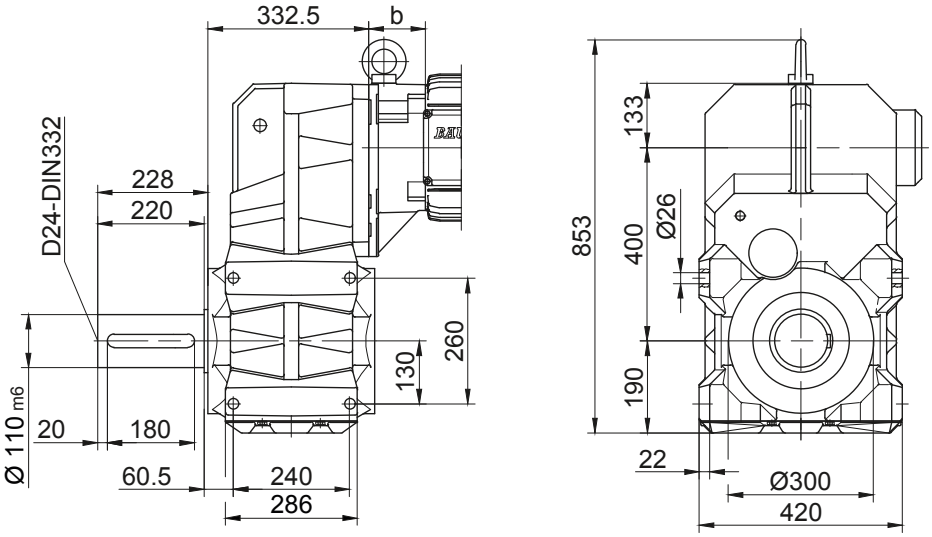


Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF80..	Code -3./	450	400	350	22	17.5	383.5	5	177
BF80..	Code -4./	550	500	450	22	17.5	388.5	5	172
Dimensions in millimetres (mm)									

Foot with clearance holes left and right
Code -1.LR/



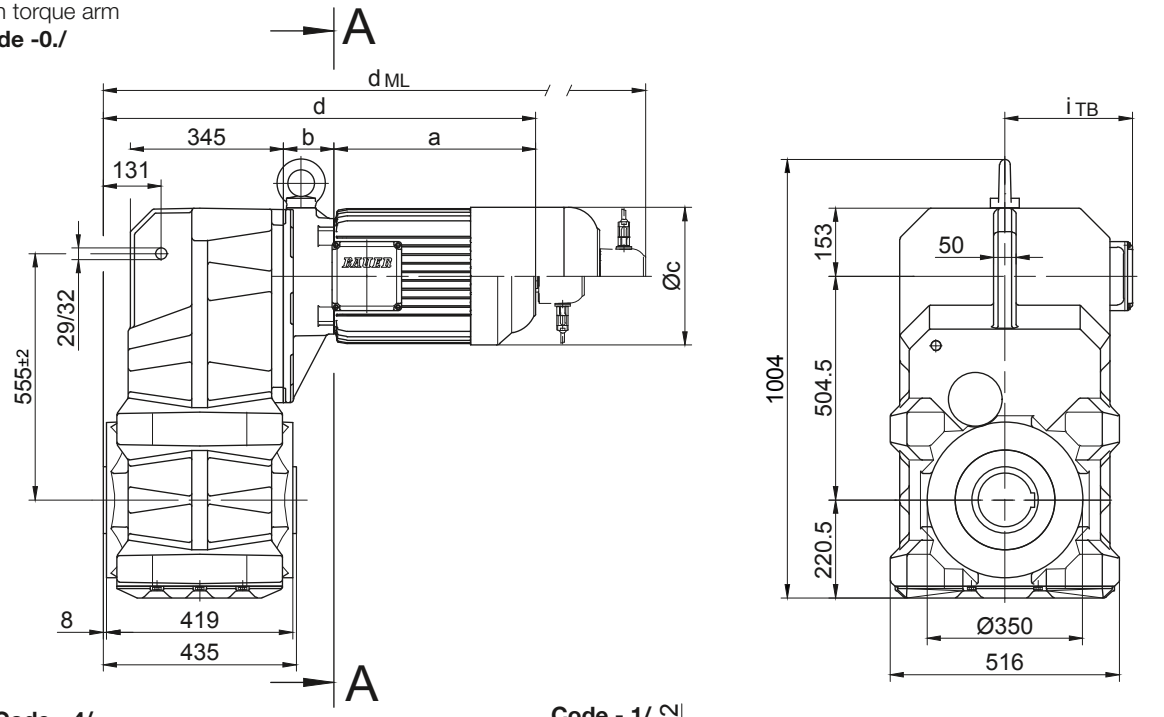
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

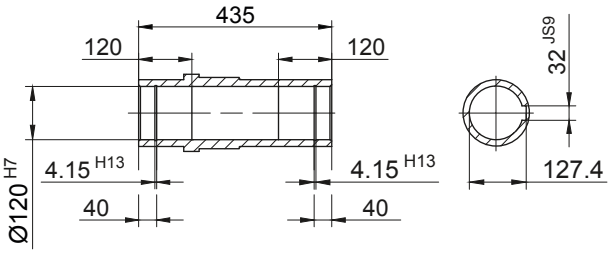
Dimension - Standard Metric

BF90 - BF90Z

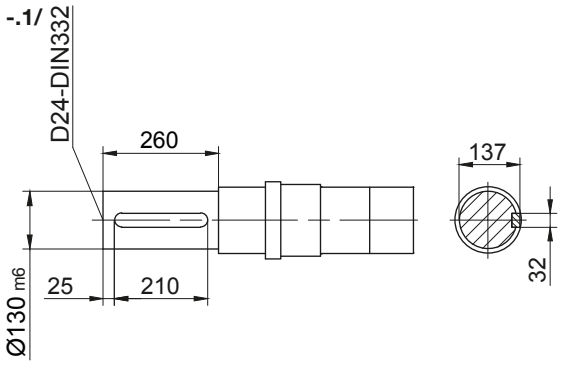
with torque arm
Code -0./



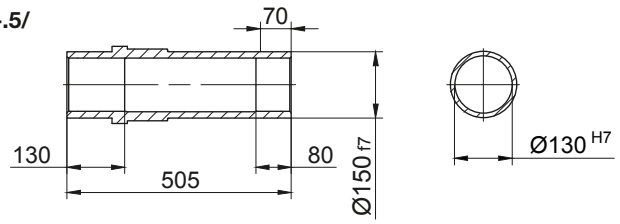
Code -.4/

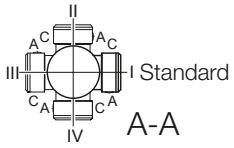


Code -.1/



Code -.5/



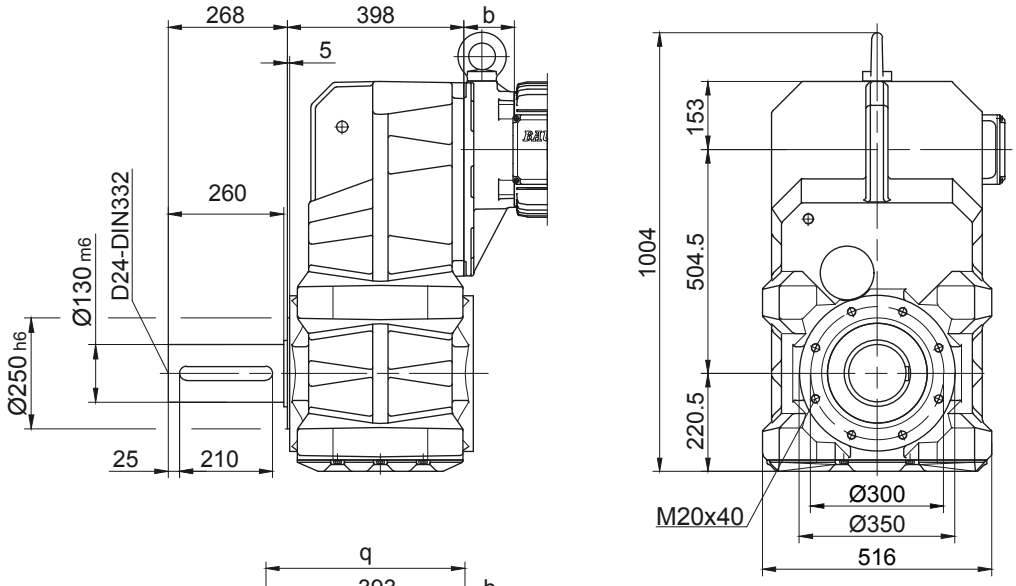


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF90Z-../D..09.A.	250.5	252.5	176	909	125,5	157	1002	1016.5	1106	1002
BF90Z-../D..09.B.	308.5	252.5	176	967	125,5	157	1060	1074	1164	1060
BF90-../D..11.A.	319	87	218	812	165	176	910	919.5	1012	910
BF90Z-../D..11.A.	319	259	218	984	165	176	1082	1091.5	1184	1082
BF90-../D..11.B.	387	87	218	880	165	176	976	987.5	1080	976
BF90Z-../D..11.B.	387	259	218	1052	165	176	1148	1159.5	1252	1148
BF90-../D..13.A.	393	100	258	899	217	217	1010	1006	1111	1007
BF90Z-../D..13.A.	393	272	258	1071	217	217	1182	1178	1283	1179
BF90-../D..16.B.	454.5	114	310	974.5	243	243	1118	1081.5	1221.5	1118
BF90Z-../D..16.B.	454.5	286	310	1146.5	243	243	1290	1253.5	1393.5	1290
BF90-../D..18.B.	542	136	348	1084	288	288	1233.5	1189.5	1337	1233.5
BF90Z-../D..18.B.	542	308	348	1256	288	288	1405.5	1361.5	1509	1405.5
BF90-../D..20.A.	703.5	153	363	1262.5	302	302	1390	1368	1495.5	1262.5
BF90-../D..22.A.	703.5	153	363	1262.5	302	302	1390	1368	1495.5	1262.5
Dimensions in millimetres (mm)										

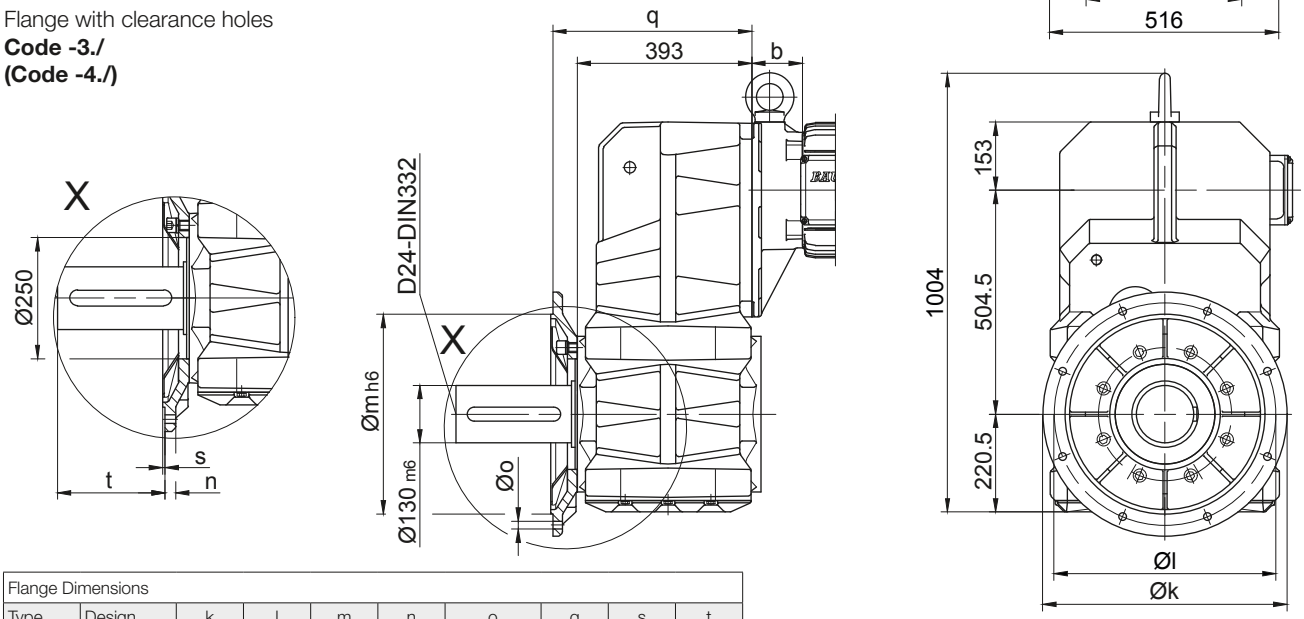
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF90 - BF90Z

Flange with tapped holes
Code -7./

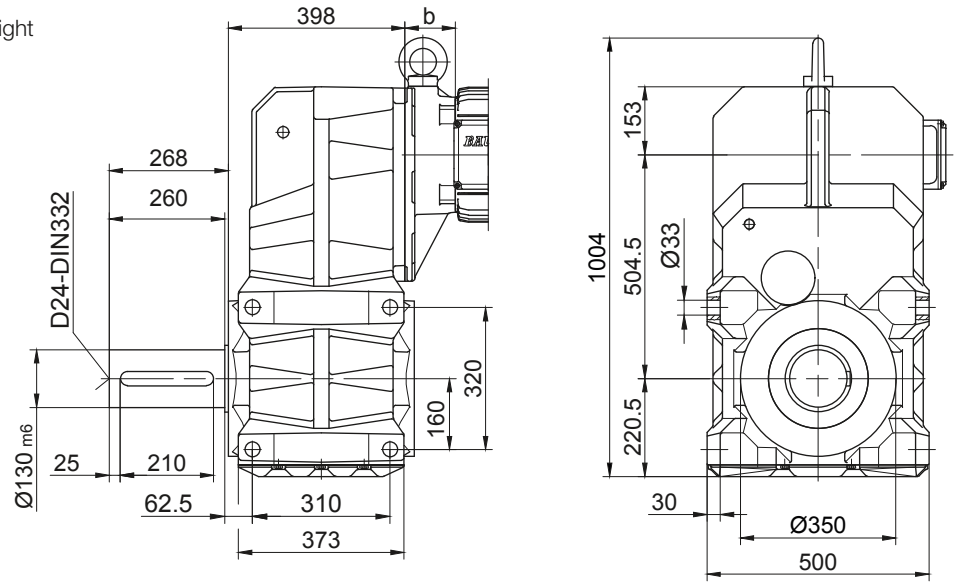


Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF90..	Code -3./	550	500	450	22	17.5	448	5	218
BF90..	Code -4./	660	600	550	25	22	442	6	224
Dimensions in millimetres (mm)									

Foot with clearance holes left and right
Code -1.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

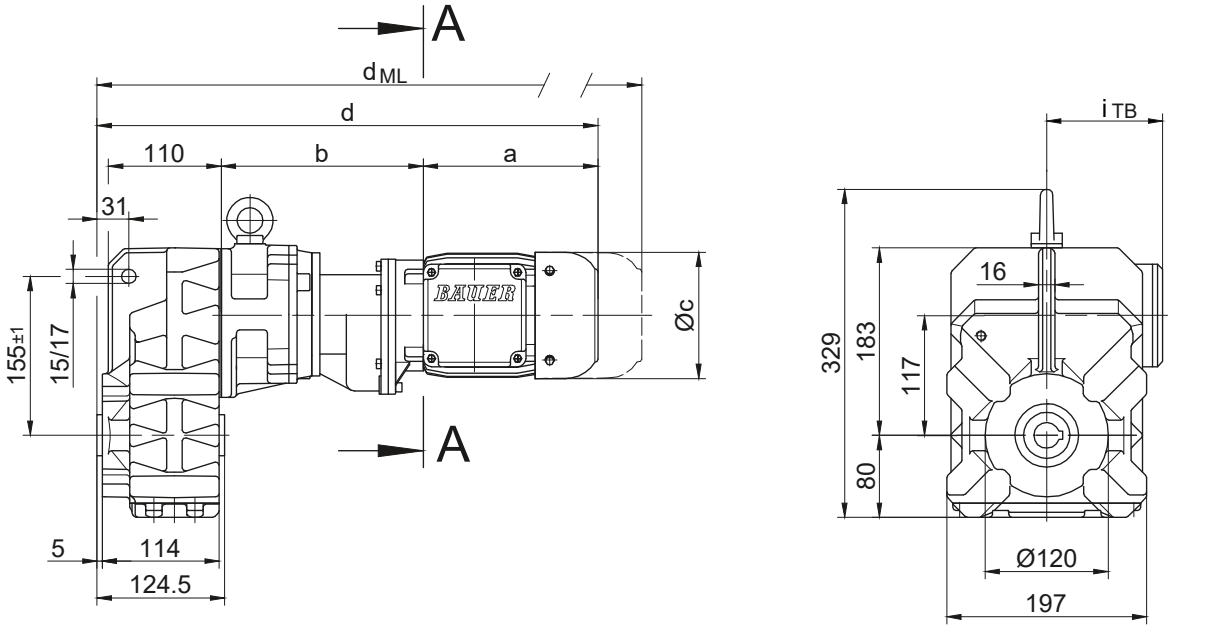
BF-series shaft-mounted geared motors

Dimension - Tandem Gearbox Metric

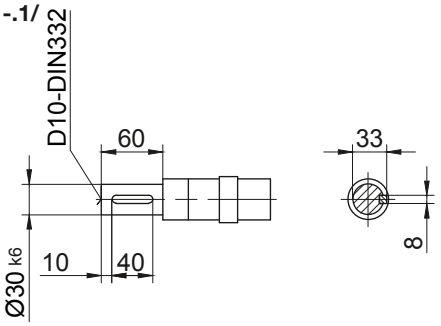
BF10G06

with torque arm

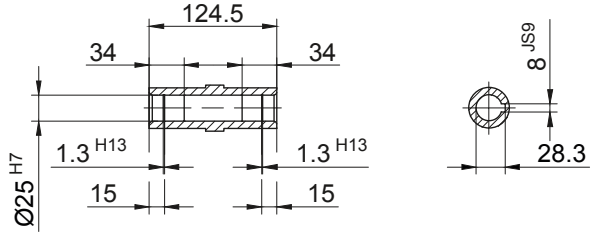
Code -0./



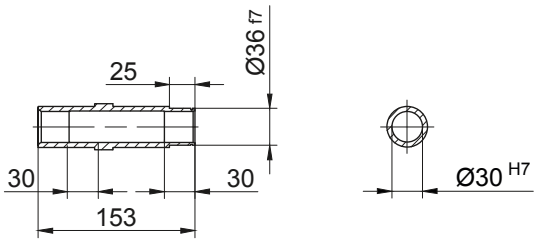
Code -.1/

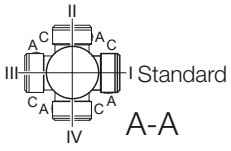


Code -.4/



Code -.5/



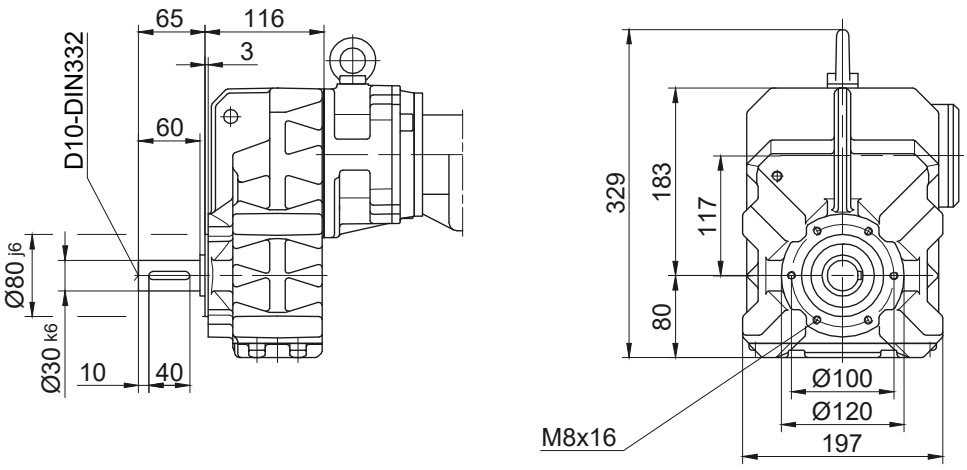


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF10G06-../D04.A.	142.5	195	110.5	458.5	90	112	502	546	589.5	-
BF10G06-../D..05.A.	170.5	197	123	488.5	101,5	117	530.5	591	628.5	-
BF10G06-../D..06.A.	170.5	197	123	488.5	101,5	119	530.5	591	628.5	-
BF10G06-../D..07.A.	190.5	197	123	508.5	101,5	119	550.5	611	648.5	-
BF10G06-../D..08.A.	199.5	241	156	561.5	116	136.5	627.5	673.5	735	627.5
BF10G06-../D..08.B.	229.5	241	156	591.5	116	136.5	657.5	703.5	764.5	657.5
Dimensions in millimetres (mm)										

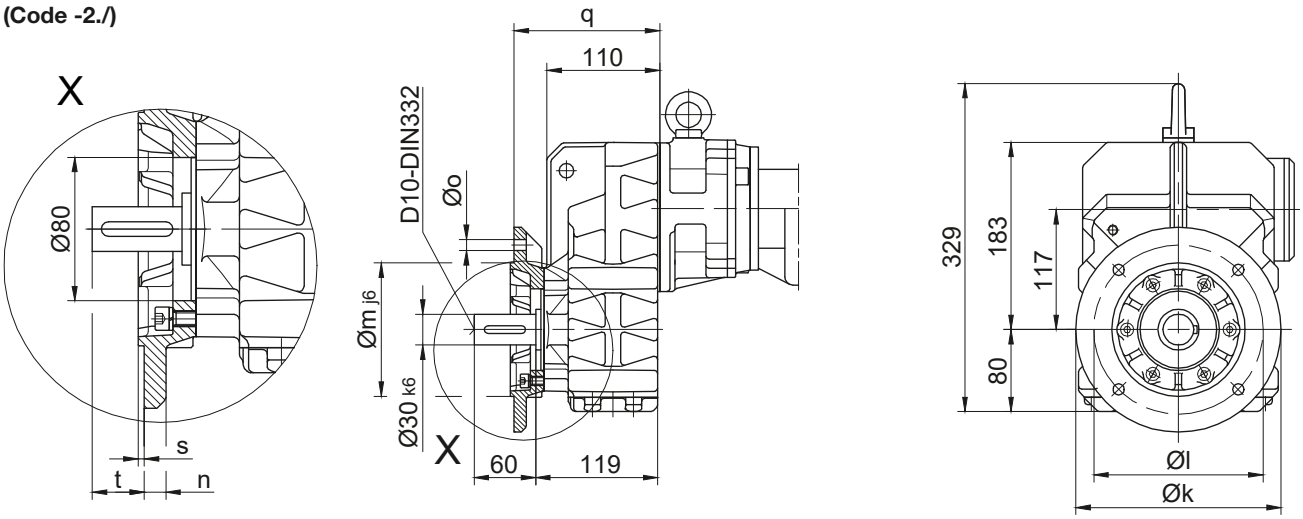
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF10G06

Flange with tapped holes
Code -7./

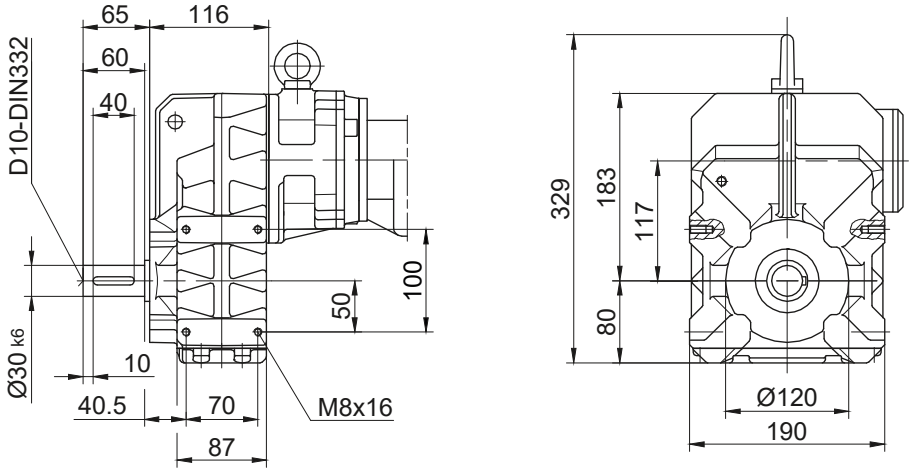


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF10..	Code -3./	200	165	130	12	11	142	3.5	39
BF10..	Code -2./	160	130	110	10	9	135	3.5	46
Dimensions in milimeters (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

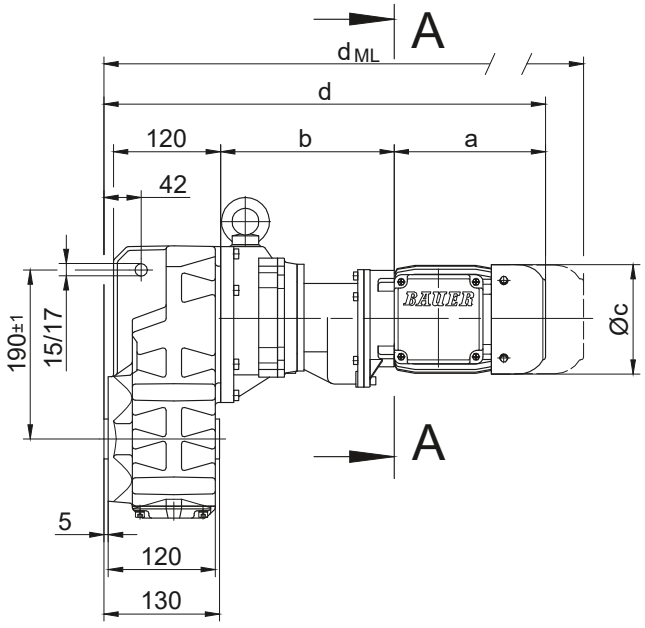
BF-series shaft-mounted geared motors

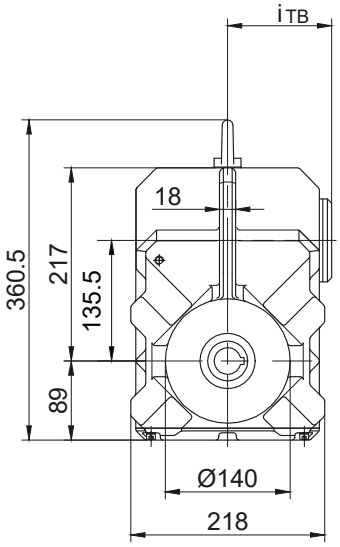
Dimension - Tandem Gearbox Metric

BF20G06

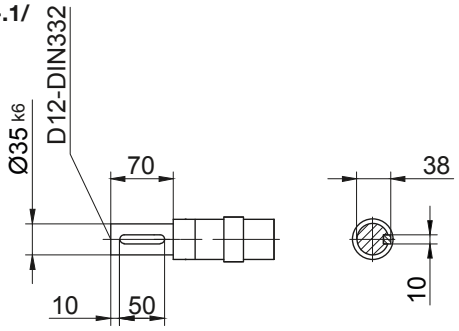
with torque arm

Code -0./

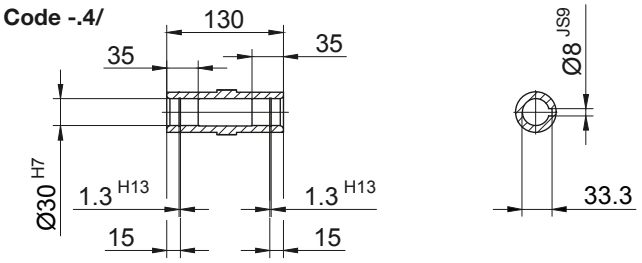




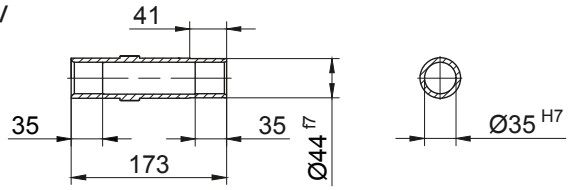
Code -.1/

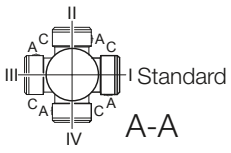


Code -.4/



Code -.5/



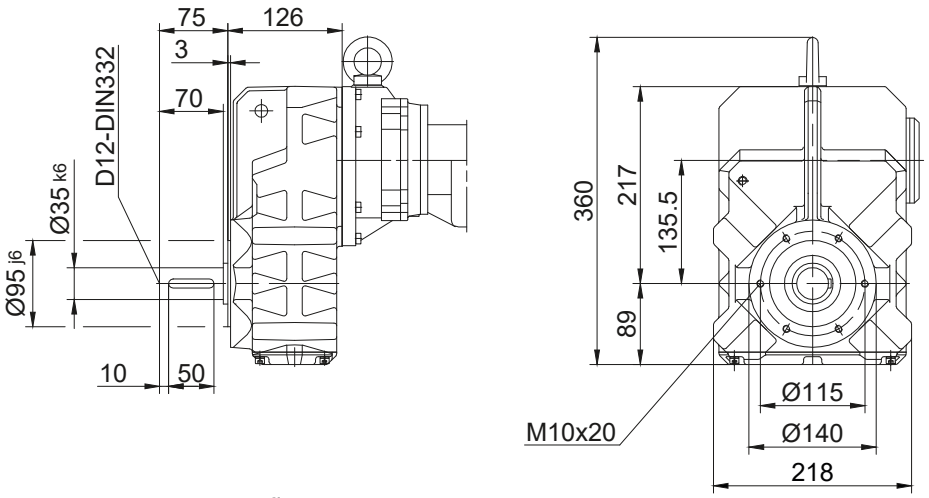


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF20G06-../D04.A.	142.5	193	110.5	466.5	90	112	510	554	597.5	-
BF20G06-../D..05.A.	170.5	195	123	496.5	101,5	117	538.5	599	636.5	-
BF20G06-../D..06.A.	170.5	195	123	496.5	101,5	119	538.5	599	636.5	-
BF20G06-../D..07.A.	190.5	195	123	516.5	101,5	119	558.5	619	656.5	-
BF20G06-../D..08.A.	199.5	239	156	569.5	116	136.5	635.5	681.5	743	635.5
BF20G06-../D..08.B.	229.5	239	156	599.5	116	136.5	665.5	711.5	772.5	665.5
Dimensions in millimetres (mm)										

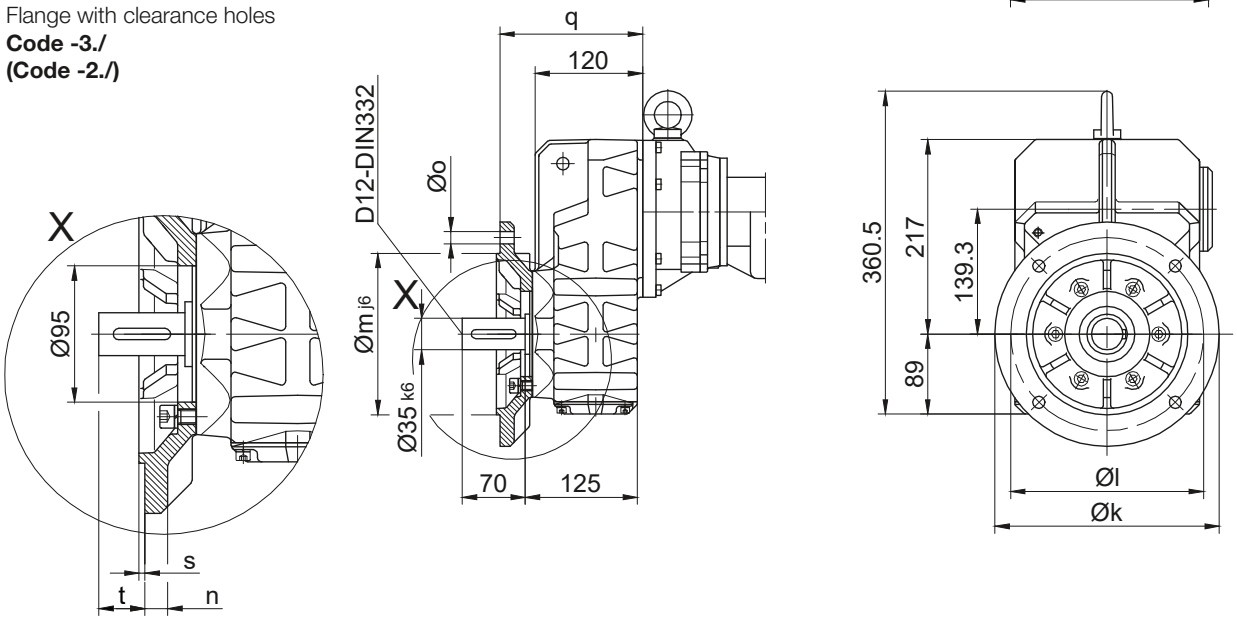
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF20G06

Flange with tapped holes
Code -7./

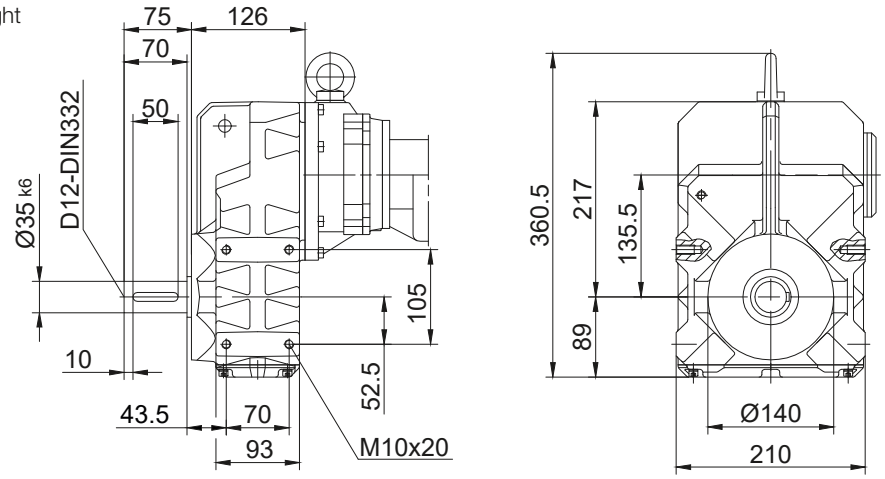


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF20..	Code -3./	250	215	180	16	13.5	159	4	42
BF20..	Code -2./	200	165	130	12	11	150	3.5	51
Dimensions in milimeters (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

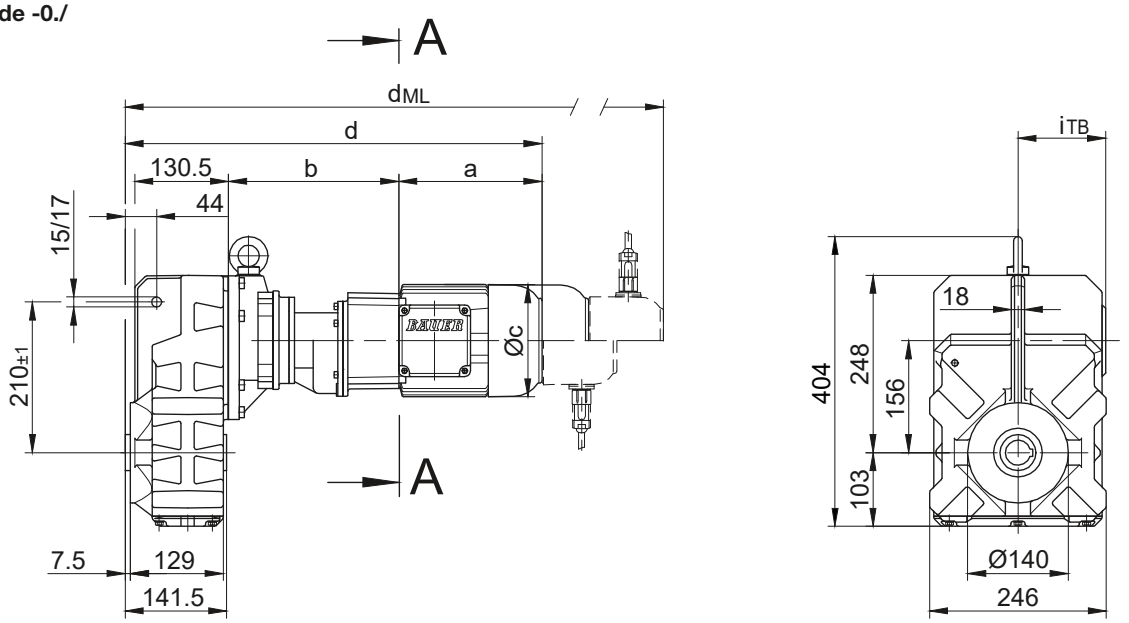
BF-series shaft-mounted geared motors

Dimension - Tandem Gearbox Metric

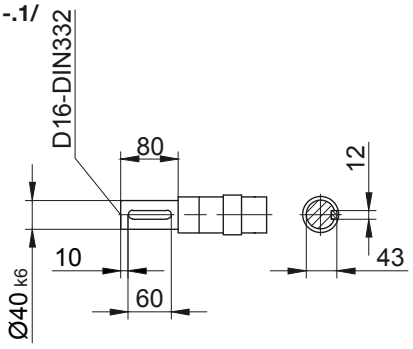
BF30G06

with torque arm

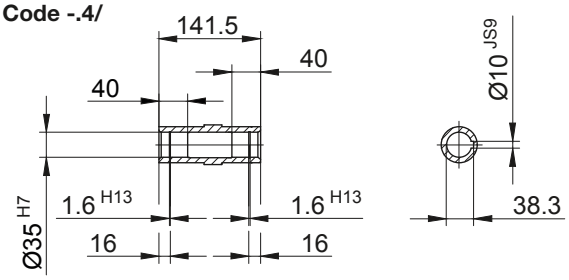
Code -0./



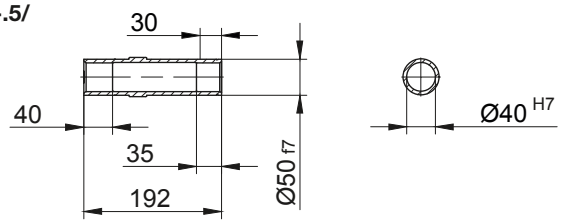
Code -.1/

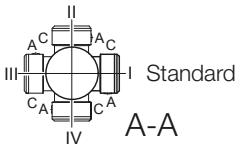


Code -.4/



Code -.5/



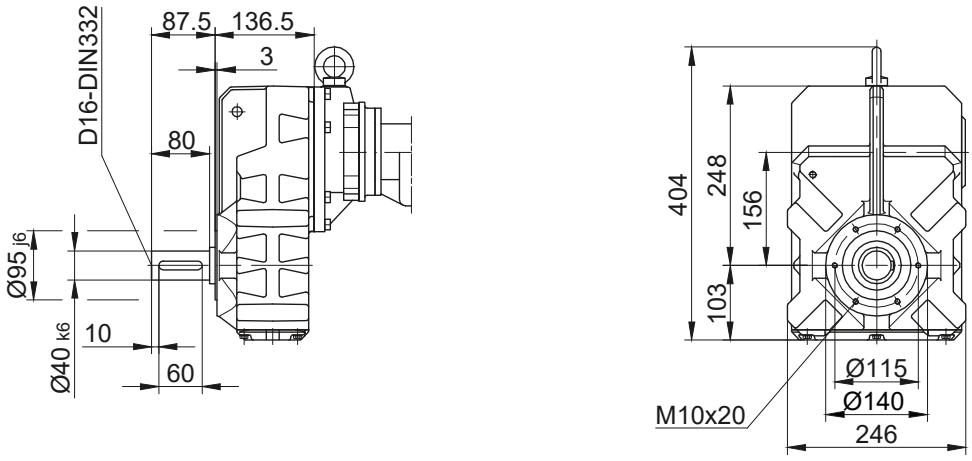


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF30G06-../D04.A.	142.5	191	110.5	477.5	90	112	521	565	608.5	-
BF30G06-../D..05.A.	170.5	193	123	507.5	101,5	117	549.5	610	647.5	-
BF30G06-../D..06.A.	170.5	193	123	507.5	101,5	119	549.5	610	647.5	-
BF30G06-../D..07.A.	190.5	193	123	527.5	101,5	119	569.5	630	667.5	-
BF30G06-../D..08.A.	199.5	237	156	580.5	116	136.5	646.5	692.5	754	646.5
BF30G06-../D..08.B.	229.5	237	156	610.5	116	136.5	676.5	722.5	783.5	676.5
Dimensions in millimetres (mm)										

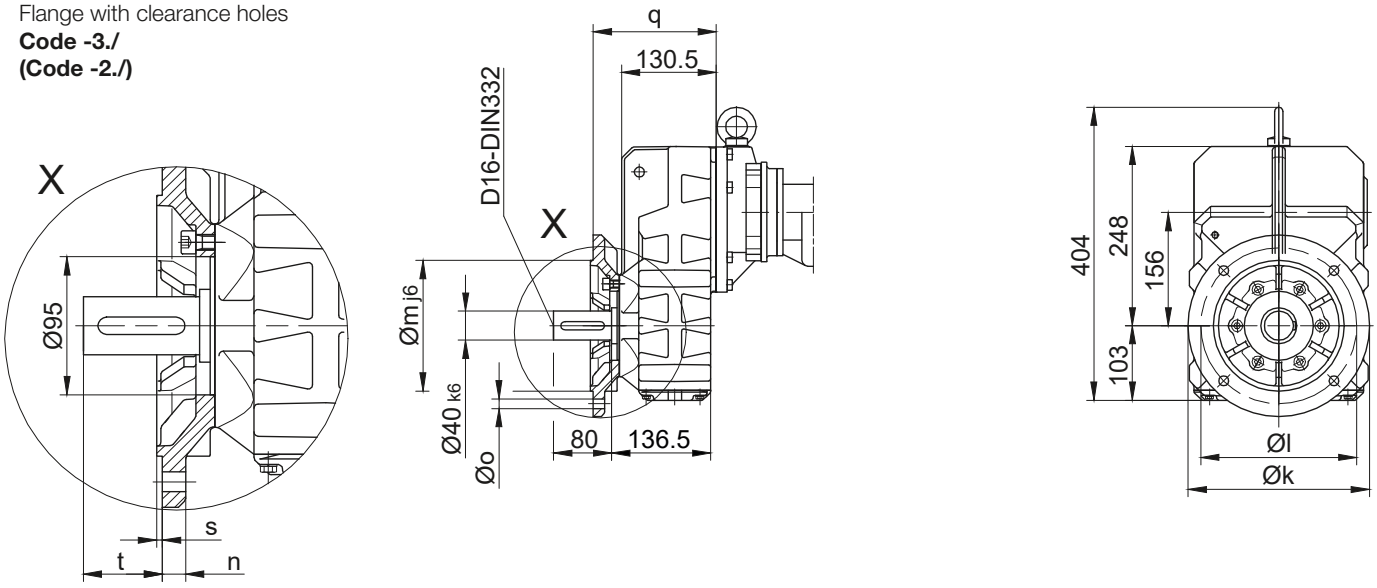
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF30G06

Flange with tapped holes
Code -7./

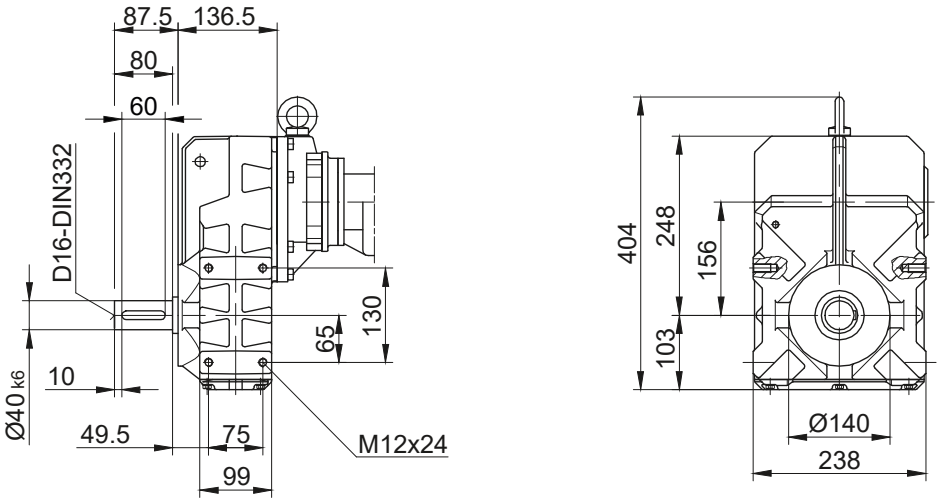


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF30..	Code -3./	250	215	180	16	13.5	169.5	4	54.5
BF30..	Code -2./	200	165	130	12	11	160.5	3.5	63.5
Dimensions in milimeters (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

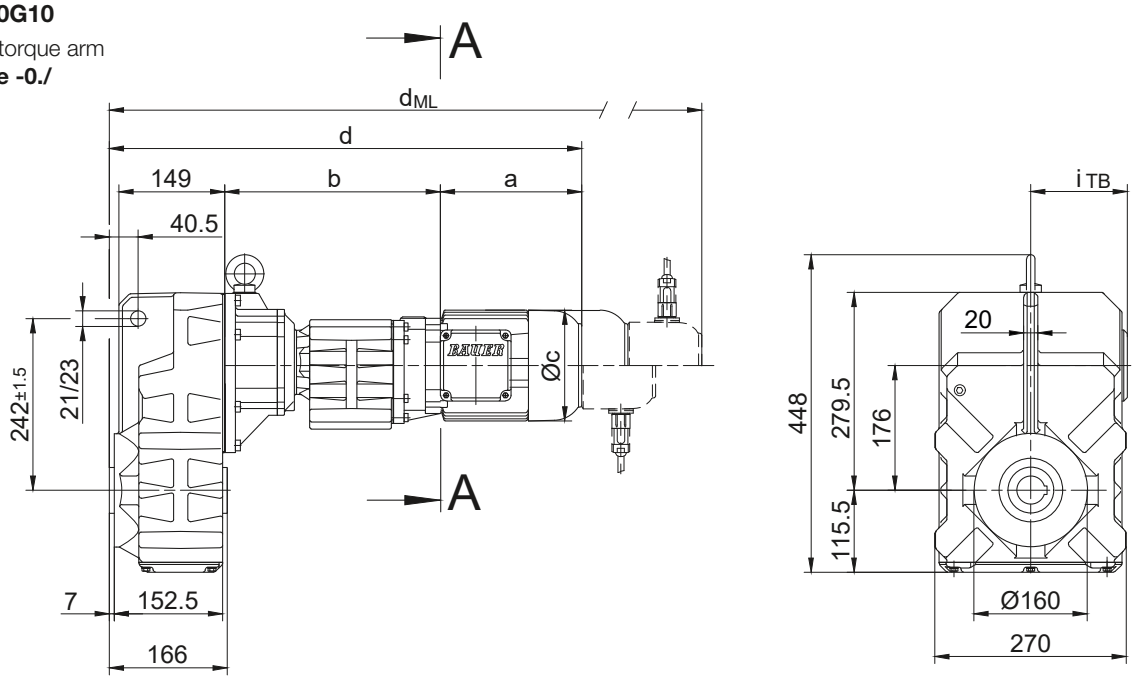
BF-series shaft-mounted geared motors

Dimension - Tandem Gearbox Metric

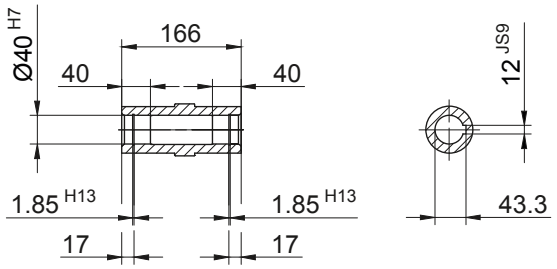
BF40G10

with torque arm

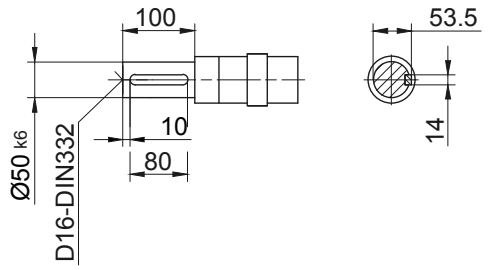
Code -0./



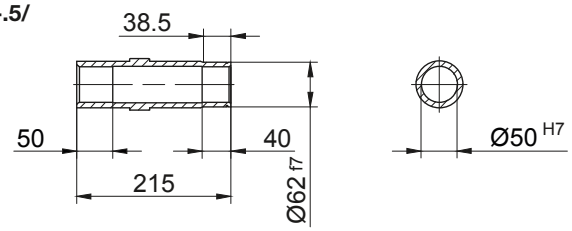
Code -.4/

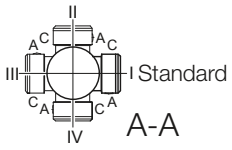


Code -.1/



Code -.5/



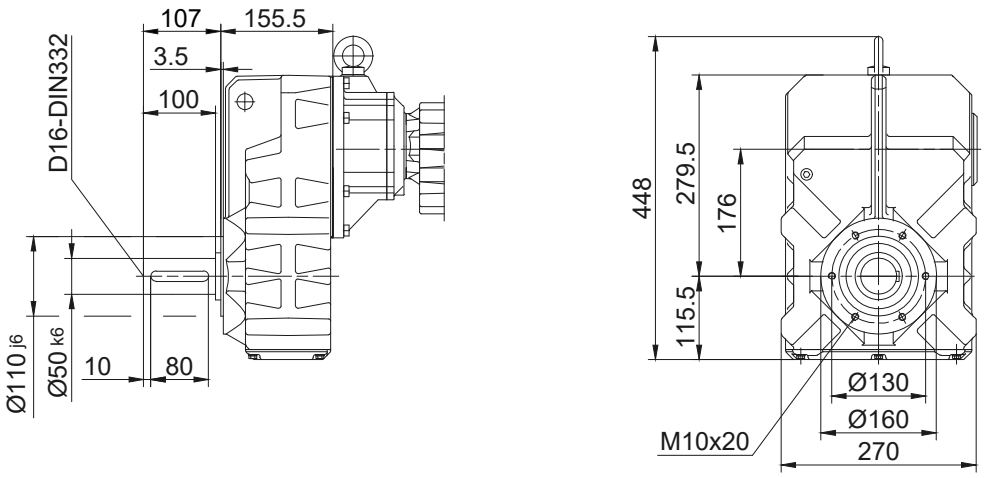


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF40G10-../D..05.A.	170.5	300	123	633	101,5	117	675	735.5	773	-
BF40G10-../D..06.A.	170.5	300	123	633	101,5	119	675	735.5	773	-
BF40G10-../D..07.A.	190.5	300	123	653	101,5	119	695	755.5	793	-
BF40G10-../D..08.A.	199.5	304	156	666	116	136.5	732	778	839.5	732
BF40G10-../D..08.B.	229.5	304	156	696	116	136.5	762	808	869	762
BF40G10-../D..09.A.	250.5	318.5	176	731.5	125,5	157	824.5	839	928.5	824.5
BF40G10-../D..09.B.	308.5	318.5	176	789.5	125,5	157	882.5	896.5	986.5	882.5
Dimensions in millimetres (mm)										

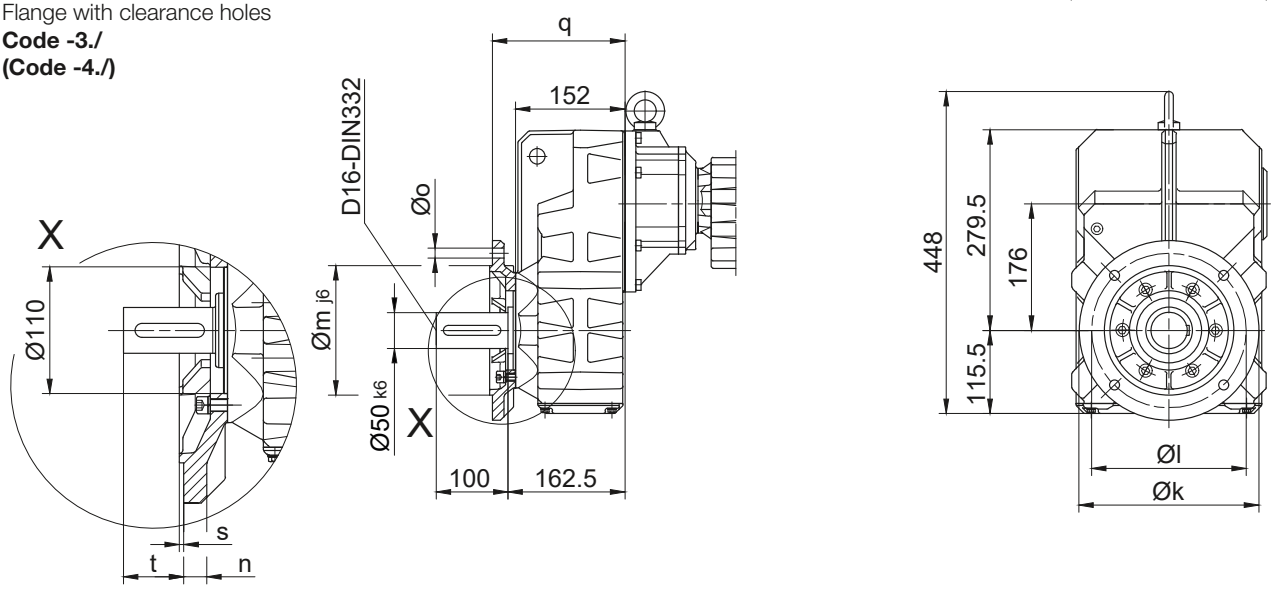
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF40G10

Flange with tapped holes
Code -7./

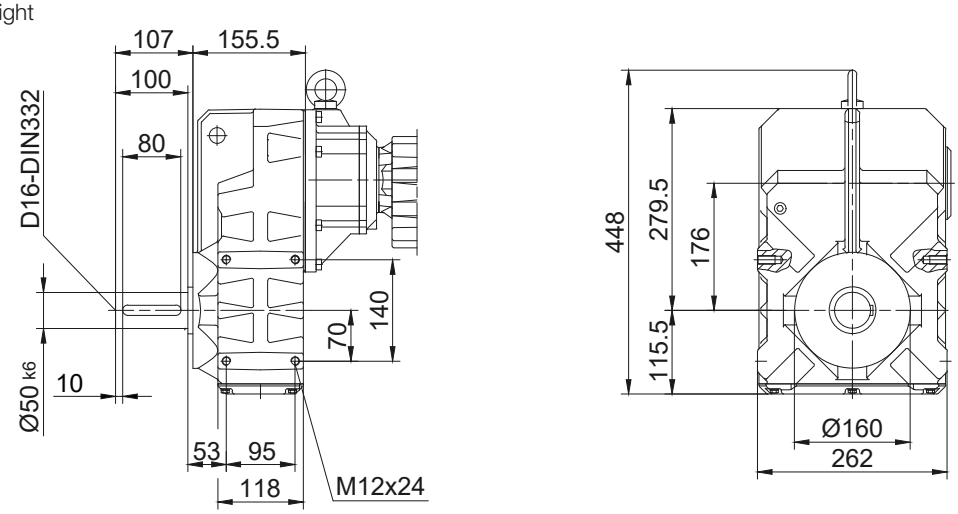


Flange with clearance holes
Code -3./
(Code -4./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF40..	Code -3./	250	215	180	16	13.5	184	4	78.5
BF40..	Code -4./	300	265	230	20	13.5	190	4	72.5
Dimensions in milimeters (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

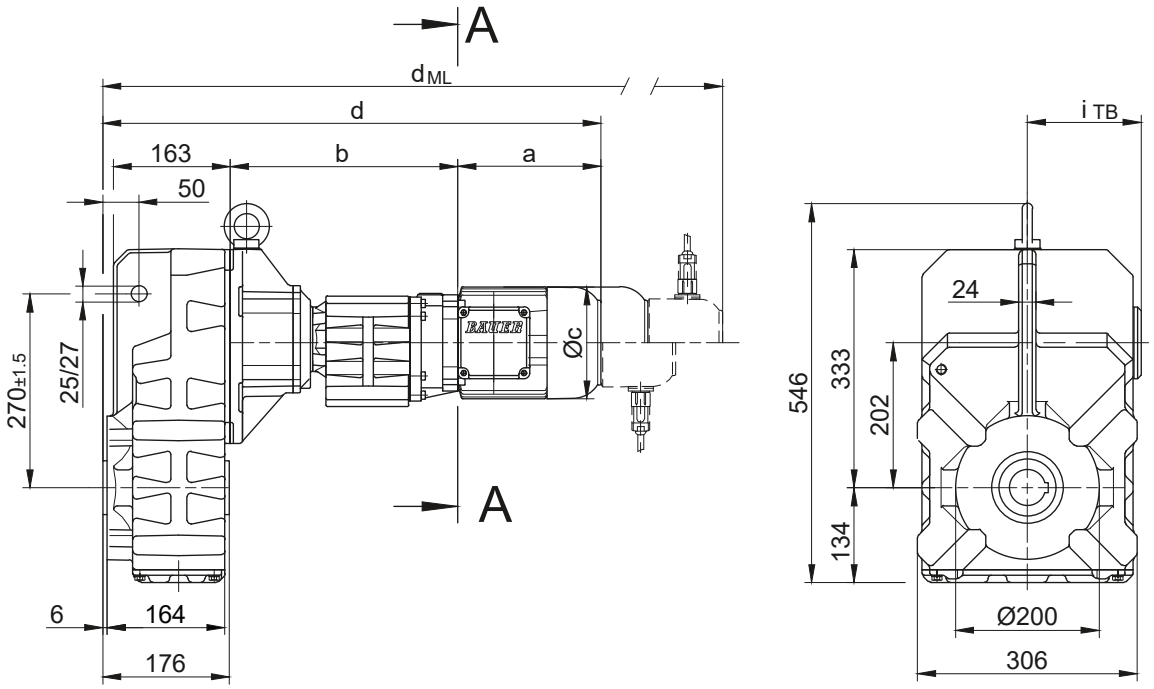
BF-series shaft-mounted geared motors

Dimension - Tandem Gearbox Metric

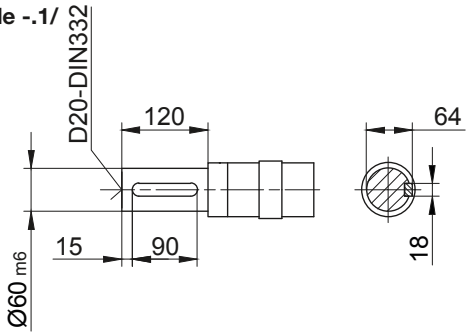
BF50G10

with torque arm

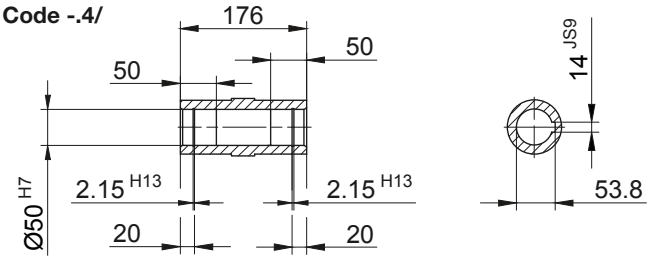
Code -0./



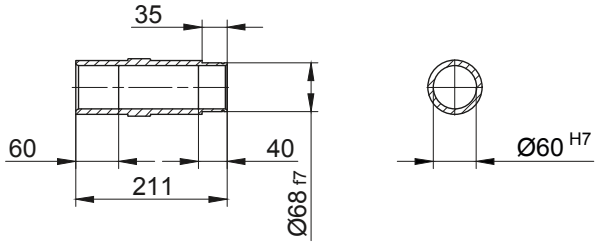
Code -.1/

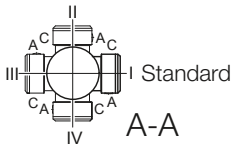


Code -.4/



Code -.5/



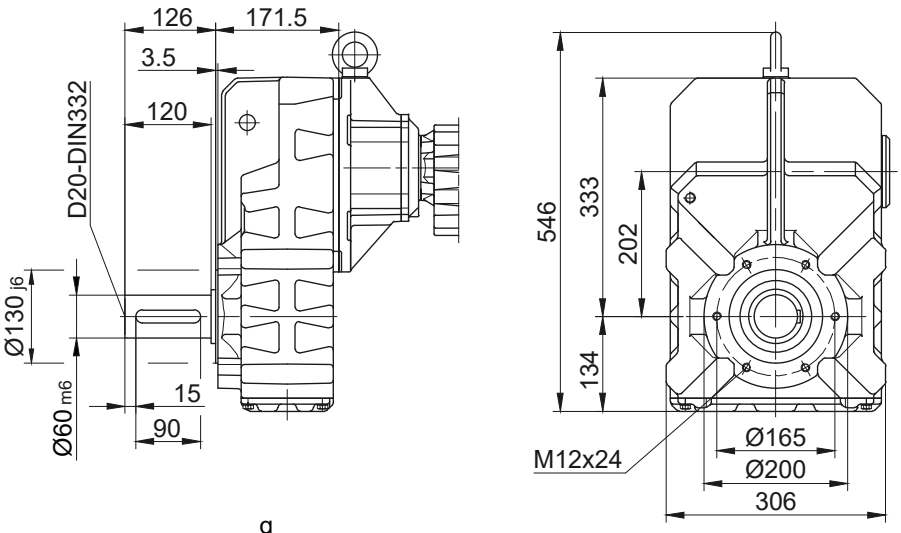


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF50G10-../D..05.A.	170.5	313	123	661	101,5	117	703	763.5	801	-
BF50G10-../D..06.A.	170.5	313	123	661	101,5	119	703	763.5	801	-
BF50G10-../D..07.A.	190.5	313	123	681	101,5	119	723	783.5	821	-
BF50G10-../D..08.A.	199.5	317	156	694	116	136.5	760	806	867.5	760
BF50G10-../D..08.B.	229.5	317	156	724	116	136.5	790	836	897	790
BF50G10-../D..09.A.	250.5	331.5	176	759.5	125,5	157	852.5	867	956.5	852.5
BF50G10-../D..09.B.	308.5	331.5	176	817.5	125,5	157	910.5	924.5	1014.5	910.5
Dimensions in millimetres (mm)										

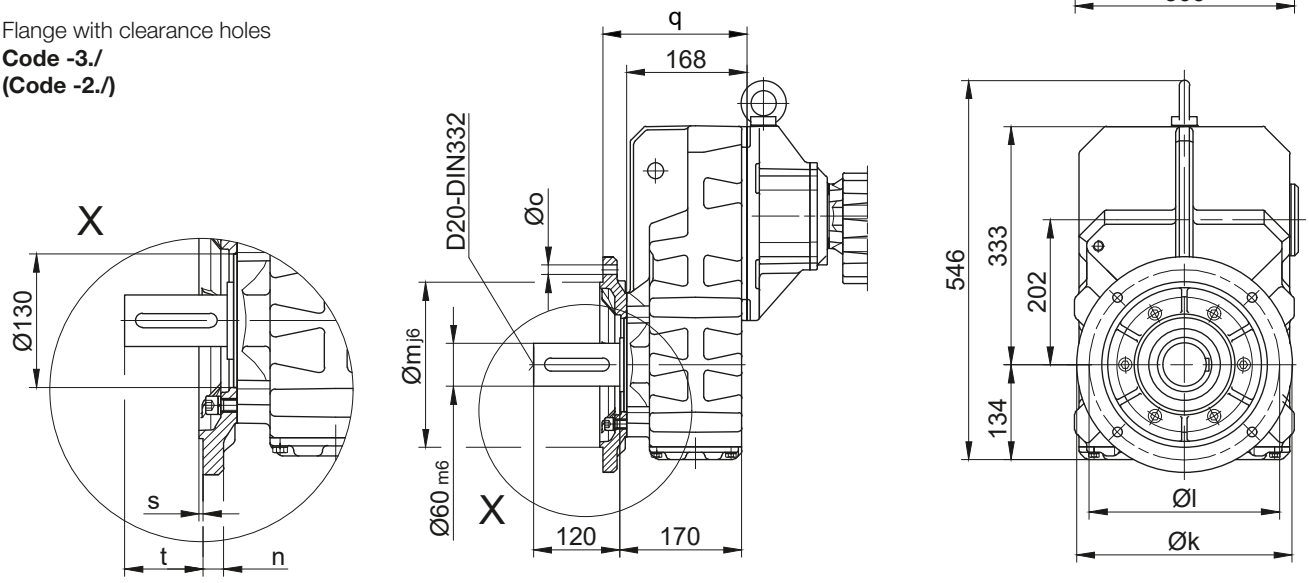
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF50G10

Flange with tapped holes
Code -7./

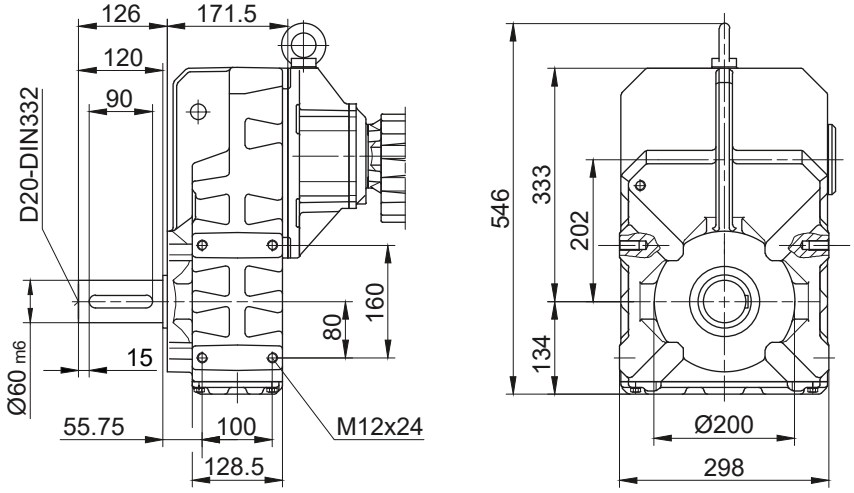


Flange with clearance holes
Code -3./
(Code -2./)



Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF50..	Code -3./	300	265	230	20	13.5	201	4	96.5
BF50..	Code -2./	250	215	180	16	13.5	198	4	99.5
Dimensions in milimeters (mm)									

Foot with tapped holes left and right
Code -6.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

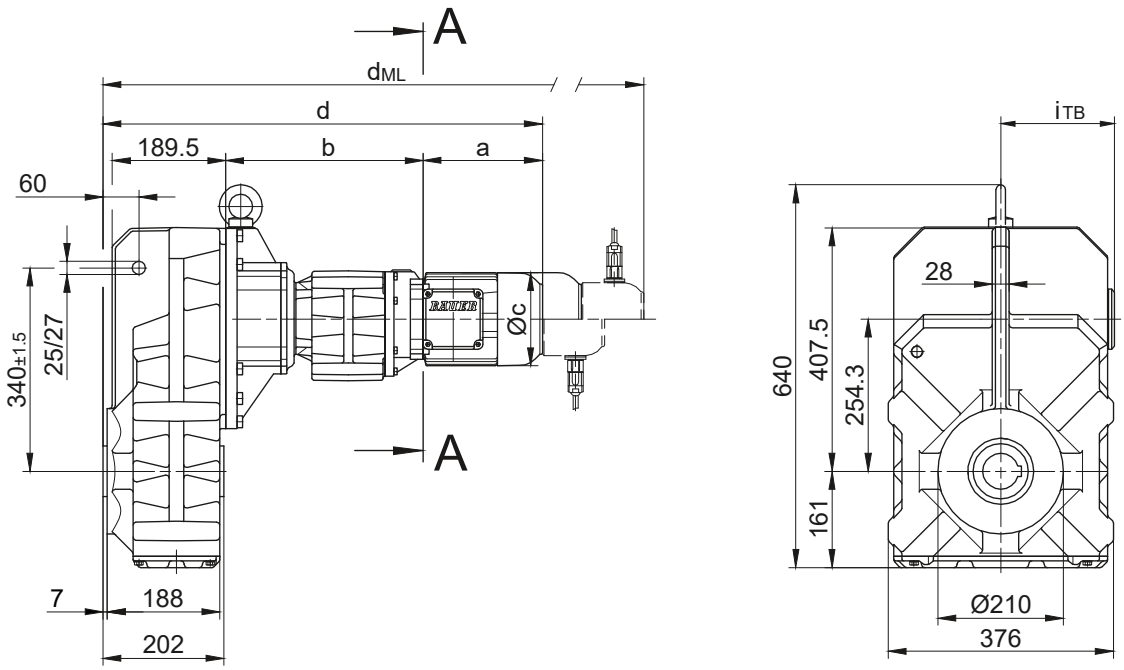
BF-series shaft-mounted geared motors

Dimension - Tandem Gearbox Metric

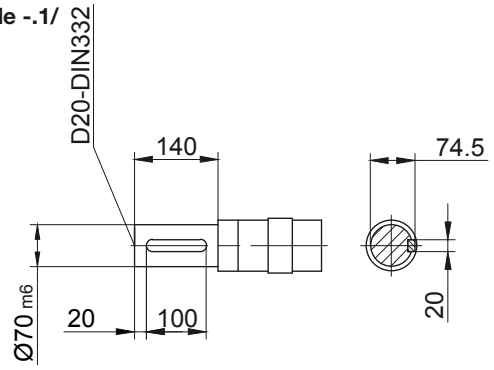
BF60G20

with torque arm

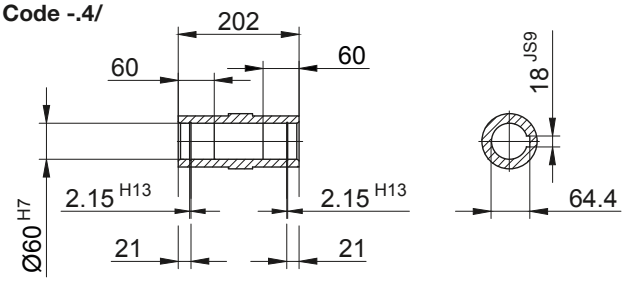
Code -0./



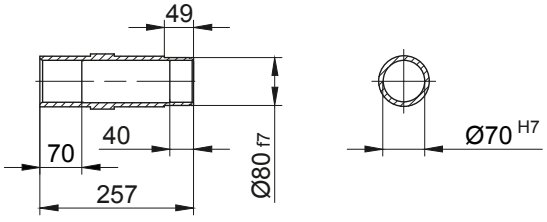
Code -.1/

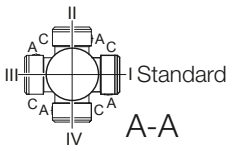


Code -.4/



Code -.5/



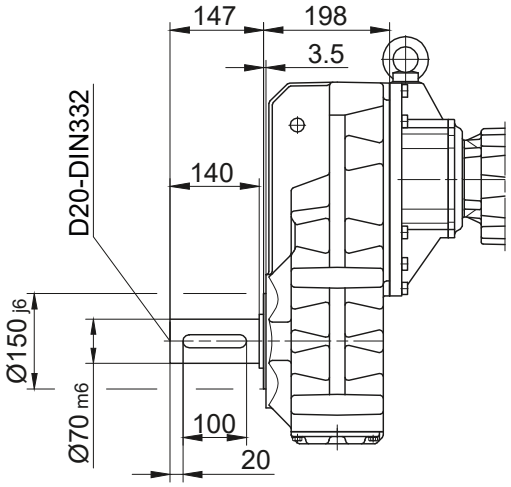


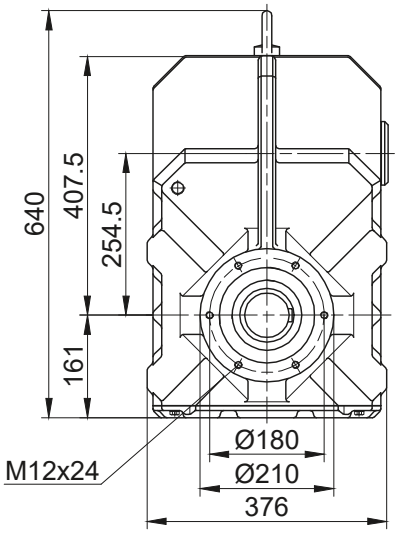
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF60G20-../D..05.A.	170.5	326	123	701.5	101,5	117	743.5	804	841.5	-
BF60G20-../D..06.A.	170.5	326	123	701.5	101,5	119	743.5	804	841.5	-
BF60G20-../D..07.A.	190.5	326	123	721.5	101,5	119	763.5	824	861.5	-
BF60G20-../D..08.A.	199.5	330	156	734.5	116	136.5	800.5	846.5	908	800.5
BF60G20-../D..08.B.	229.5	330	156	764.5	116	136.5	830.5	876.5	937.5	830.5
BF60G20-../D..09.A.	250.5	344.5	176	800	125,5	157	893	907.5	997	893
BF60G20-../D..09.B.	308.5	344.5	176	858	125,5	157	951	965	1055	951
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

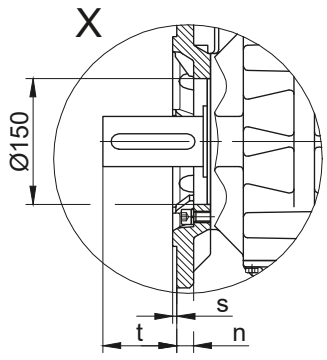
BF60G20

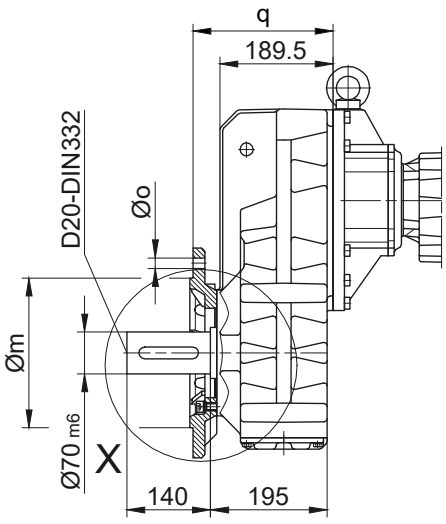
Flange with tapped holes
Code -7./

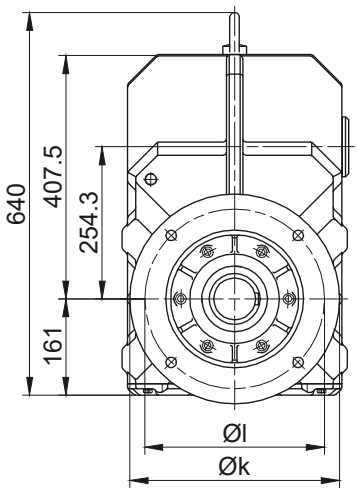




Flange with clearance holes
Code -3./
(Code -2./)

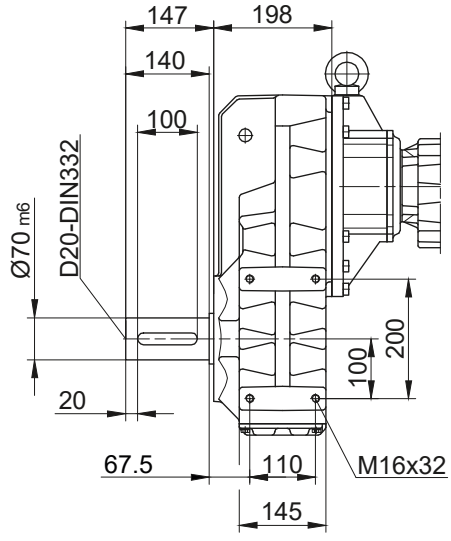


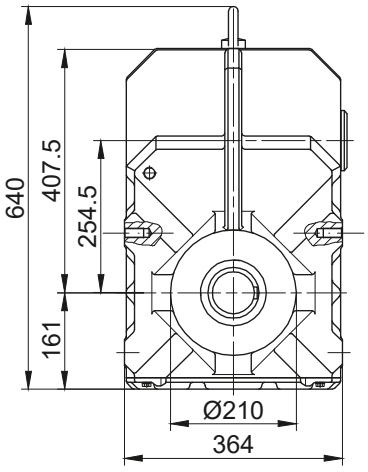




Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF60..	Code -3./	350	300	250	20	17.5	234.5	5	110.5
BF60..	Code -2./	300	265	230	20	13.5	242.5	4	102.5
Dimensions in milimeters (mm)									

Foot with tapped holes left and right
Code -6.LR/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

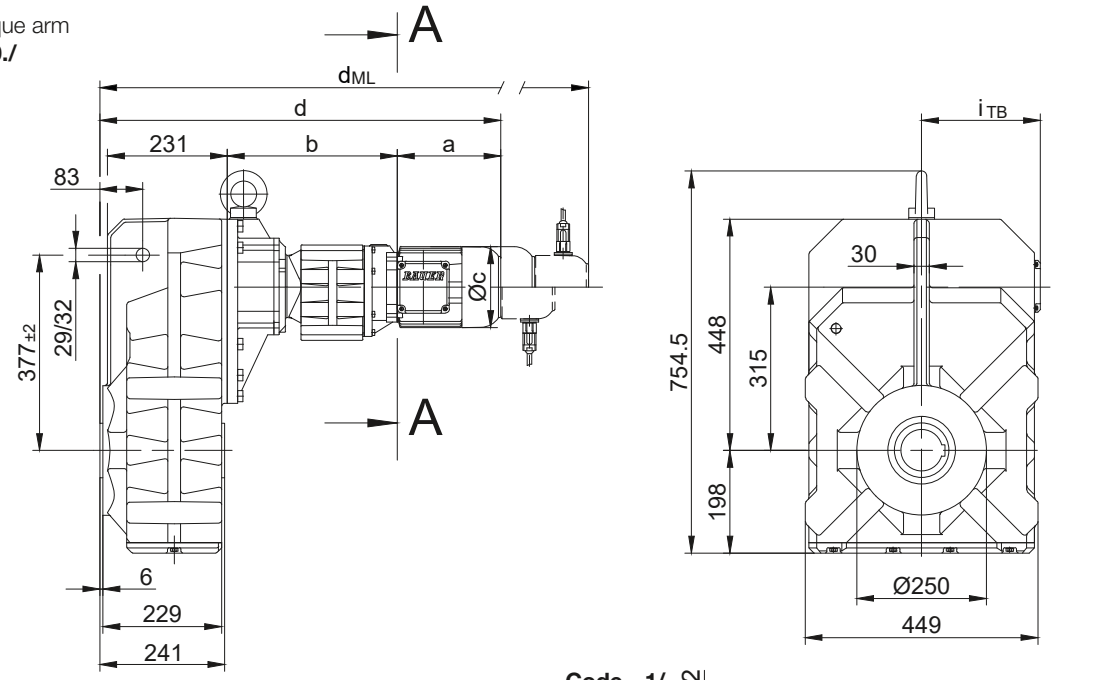
BF-series shaft-mounted geared motors

Dimension - Tandem Gearbox Metric

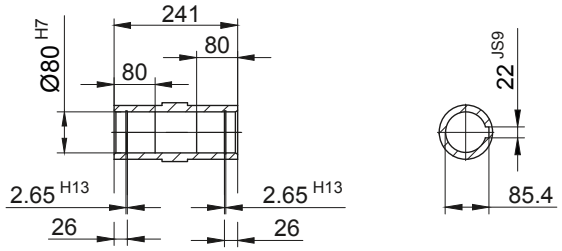
BF70G20

with torque arm

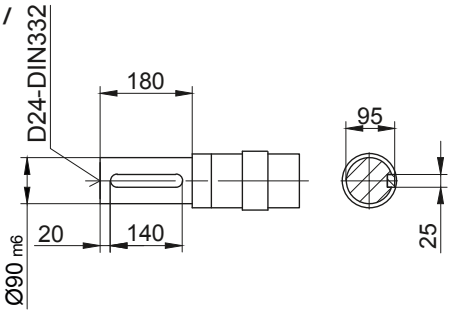
Code -0./



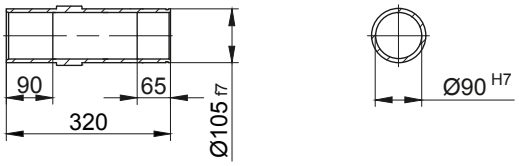
Code -.4/



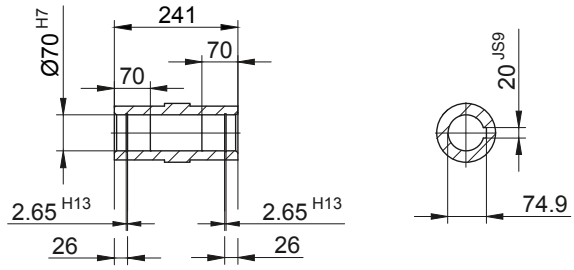
Code -.1/

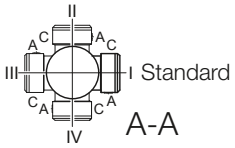


Code -.5/



Code -.4/K70



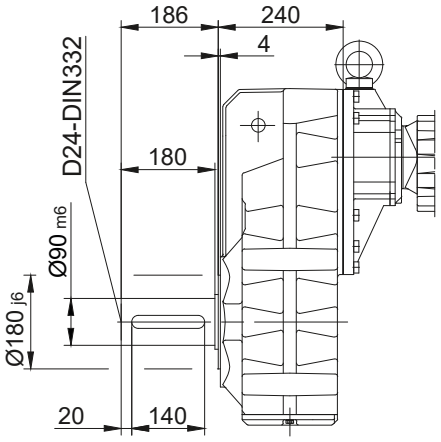


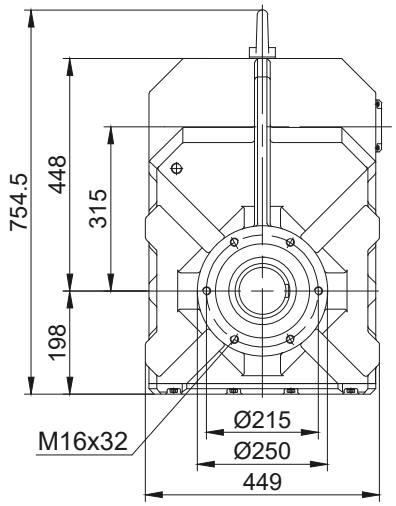
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF70G20-../D..05.A.	170.5	324	123	740.5	101,5	117	782.5	843	880.5	-
BF70G20-../D..06.A.	170.5	324	123	740.5	101,5	119	782.5	843	880.5	-
BF70G20-../D..07.A.	190.5	324	123	760.5	101,5	119	802.5	863	900.5	-
BF70G20-../D..08.A.	199.5	328	156	773.5	116	136.5	839.5	885.5	947	839.5
BF70G20-../D..08.B.	229.5	328	156	803.5	116	136.5	869.5	915.5	976.5	869.5
BF70G20-../D..09.A.	250.5	342.5	176	839	125,5	157	932	946.5	1036	932
BF70G20-../D..09.B.	308.5	342.5	176	897	125,5	157	990	1004	1094	990
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

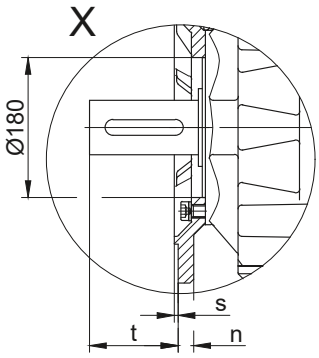
BF70G20

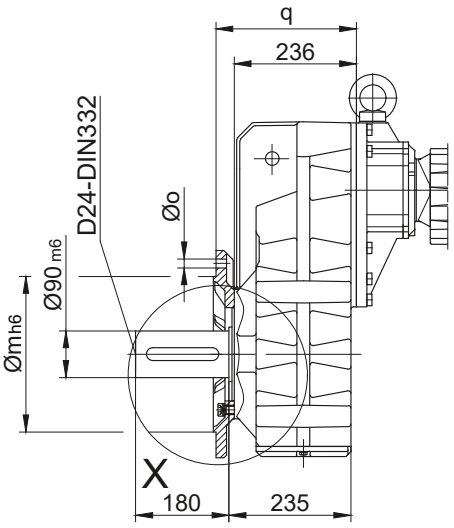
Flange with tapped holes
Code -7./

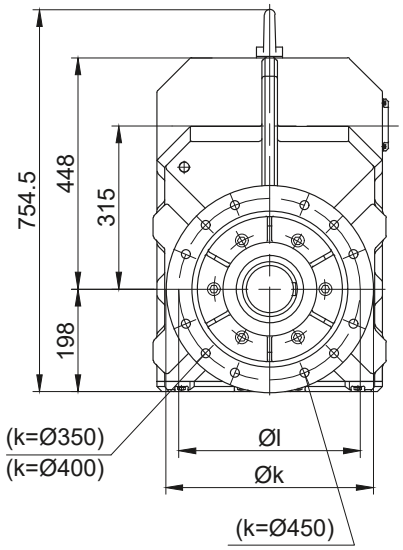




Flange with clearance holes
Code -3./
(Code -2./)
(Code -4./)

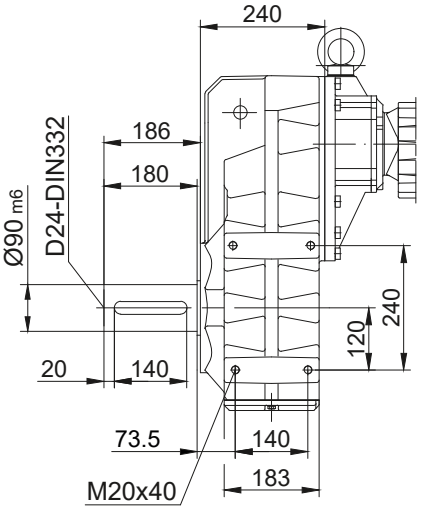


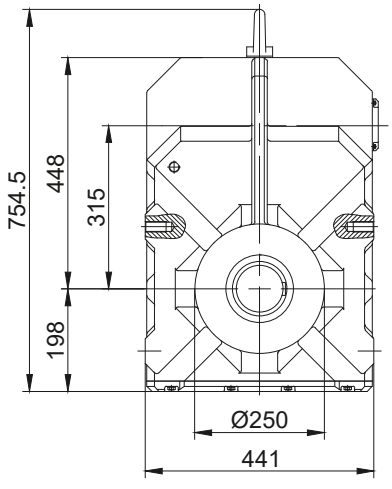




Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF70..	Code -3./	400	350	300	20	4 x 17.5	271	5	155
BF70..	Code -2./	350	300	250	20	4 x 17.5	271	5	155
BF70..	Code -4./	450	400	350	22	8 x 17.5	281	5	145
Dimensions in milimeters (mm)									

Foot with tapped holes left and right
Code -6.LR/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

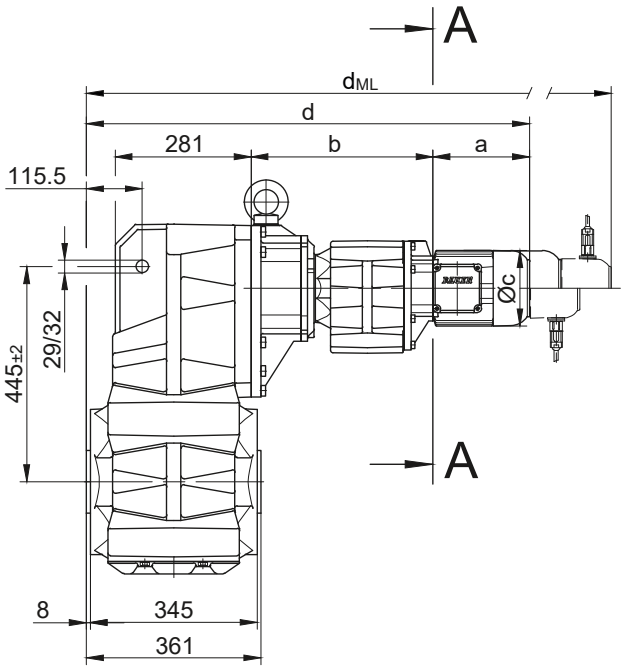
BF-series shaft-mounted geared motors

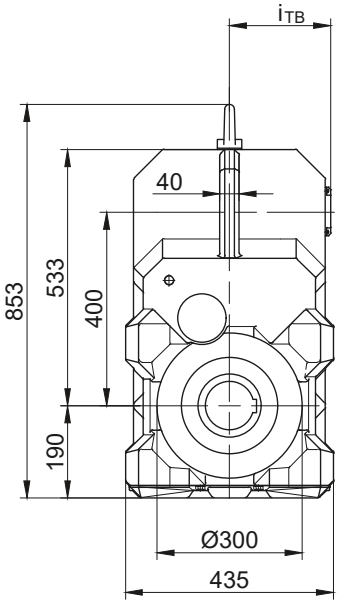
Dimension - Tandem Gearbox Metric

BF80G40

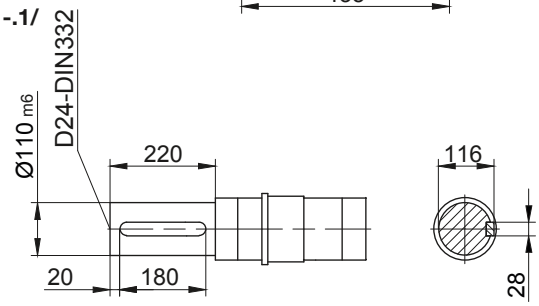
with torque arm

Code -0./

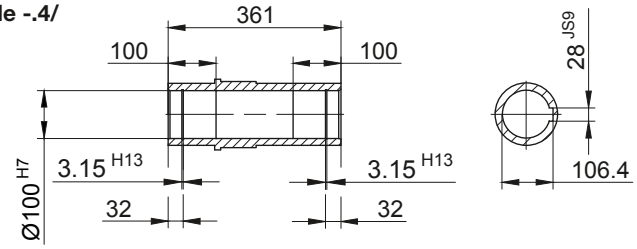




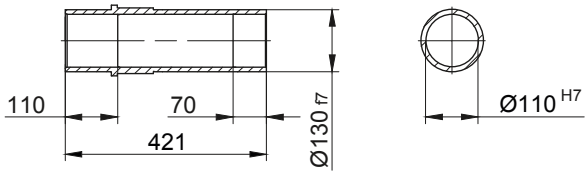
Code -.1/

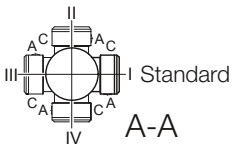


Code -.4/



Code -.5/



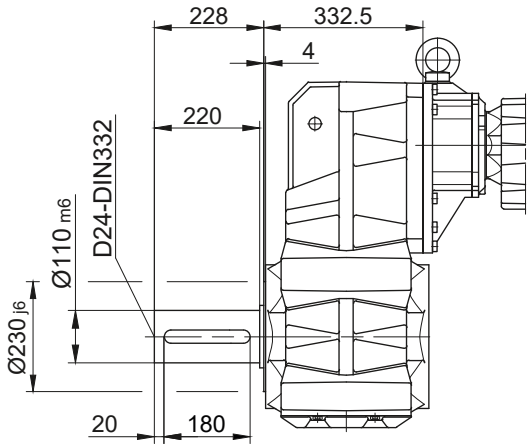


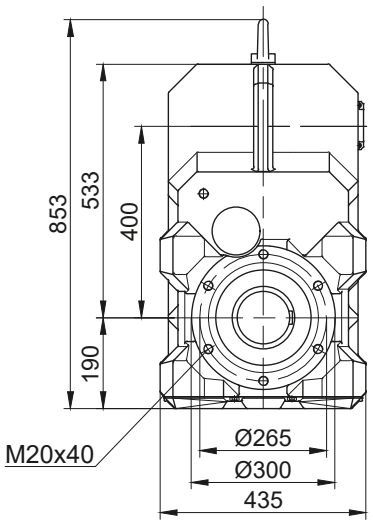
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF80G40-../D..08.A.	199.5	376	156	916	116	136.5	982	1028	1089.5	982
BF80G40-../D..08.B.	229.5	376	156	946	116	136.5	1012	1058	1119	1012
BF80G40-../D..09.A.	250.5	390.5	176	981.5	125,5	157	1074.5	1089	1178.5	1074.5
BF80G40-../D..09.B.	308.5	390.5	176	1039.5	125,5	157	1132.5	1146.5	1236.5	1132.5
BF80G40-../D..11.A.	319	397	218	1056.5	165	176	1154.5	1164	1256.5	1154.5
BF80G40-../D..11.B.	387	397	218	1124.5	165	176	1220.5	1232	1324.5	1220.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

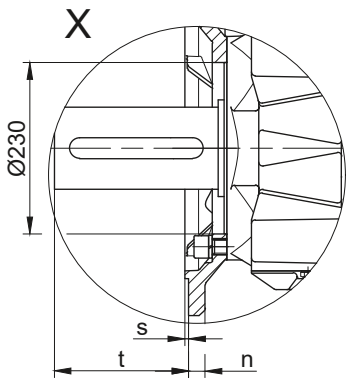
BF80G40

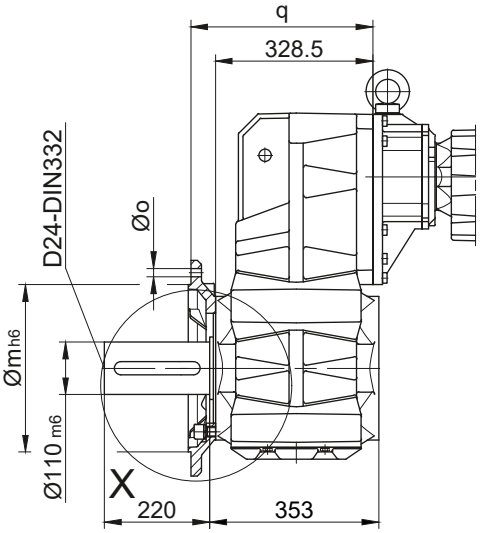
Flange with tapped holes
Code -7./

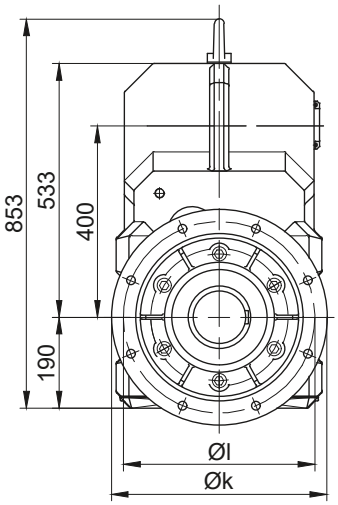




Flange with clearance holes
Code -3./
(Code -4./)

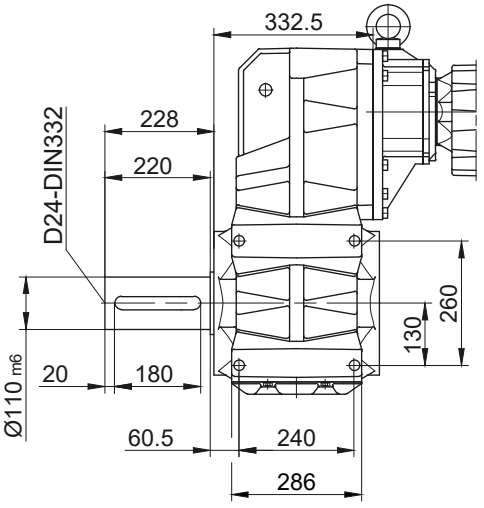


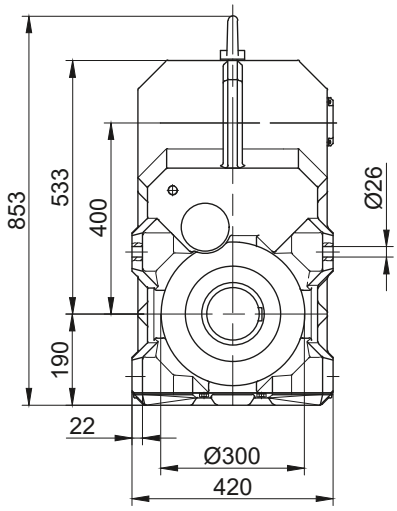




Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF80..	Code -3./	450	400	350	22	17.5	383.5	5	177
BF80..	Code -4./	550	500	450	22	17.5	388.5	5	172
Dimensions in milimeters (mm)									

Foot with clearance holes left and right
Code -1.LR/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

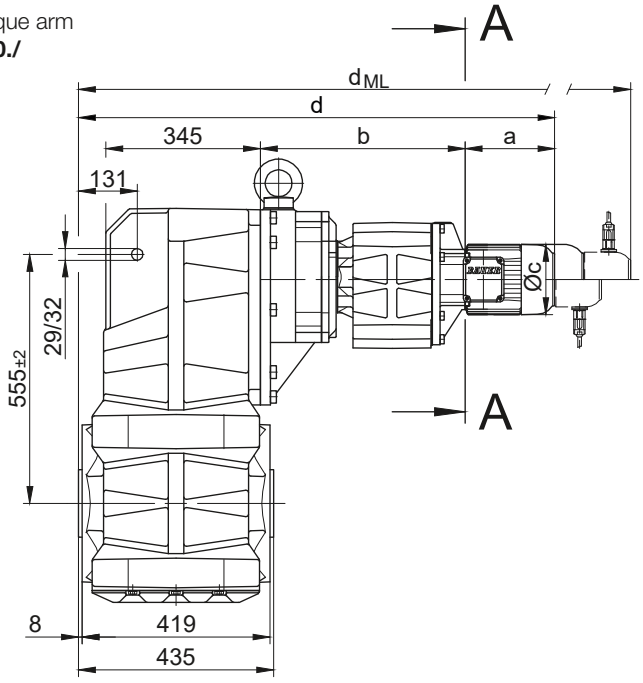
BF-series shaft-mounted geared motors

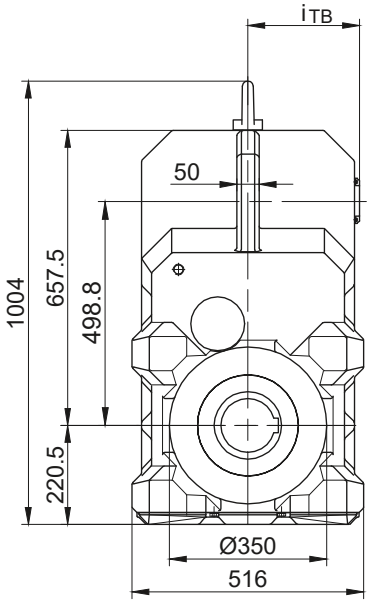
Dimension - Tandem Gearbox Metric

BF90G50

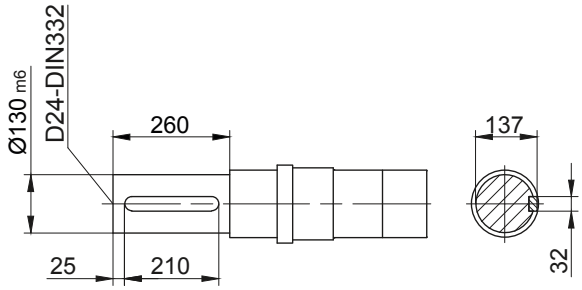
with torque arm

Code -0./

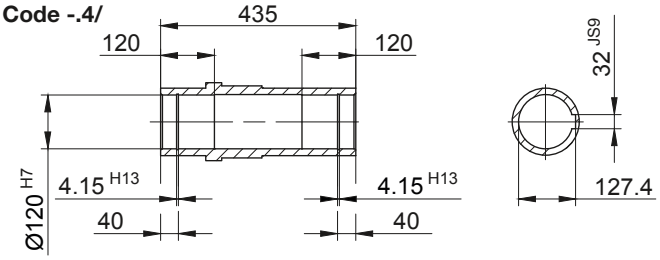




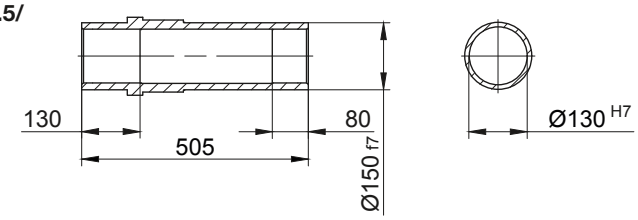
Code -.1/

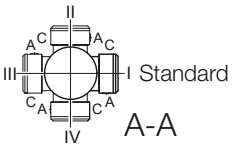


Code -.4/



Code -.5/



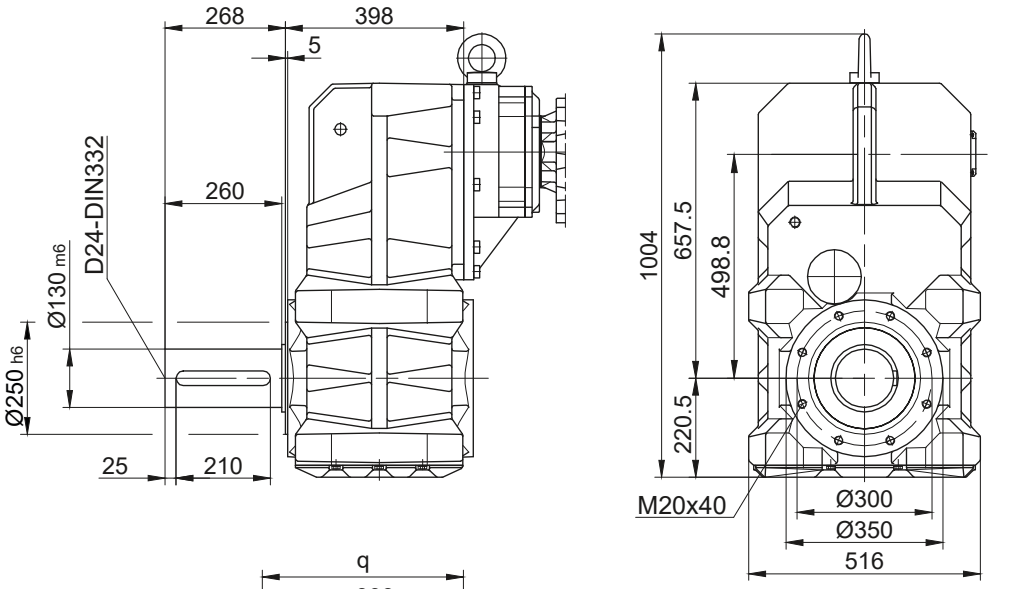


Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BF90G50-../D..08.A.	199.5	456	156	1061.5	116	136.5	1127.5	1173.5	1235	1127.5
BF90G50-../D..08.B.	229.5	456	156	1091.5	116	136.5	1157.5	1203.5	1264.5	1157.5
BF90G50-../D..09.A.	250.5	470.5	176	1127	125,5	157	1220	1234.5	1324	1220
BF90G50-../D..09.B.	308.5	470.5	176	1185	125,5	157	1278	1292	1382	1278
BF90G50-../D..11.A.	319	477	218	1202	165	176	1300	1309.5	1402	1300
BF90G50-../D..11.B.	387	477	218	1270	165	176	1366	1377.5	1470	1366
BF90G50-../D..13.A.	393	490	258	1289	217	217	1400	1396	1501	1397
BF90G50-../D..16.B.	454.5	504	310	1364.5	243	243	1508	1471.5	1611.5	1508
BF90G50-../D..18.B.	542	526	348	1474	288	288	1623.5	1579.5	1727	1623.5
Dimensions in millimetres (mm)										

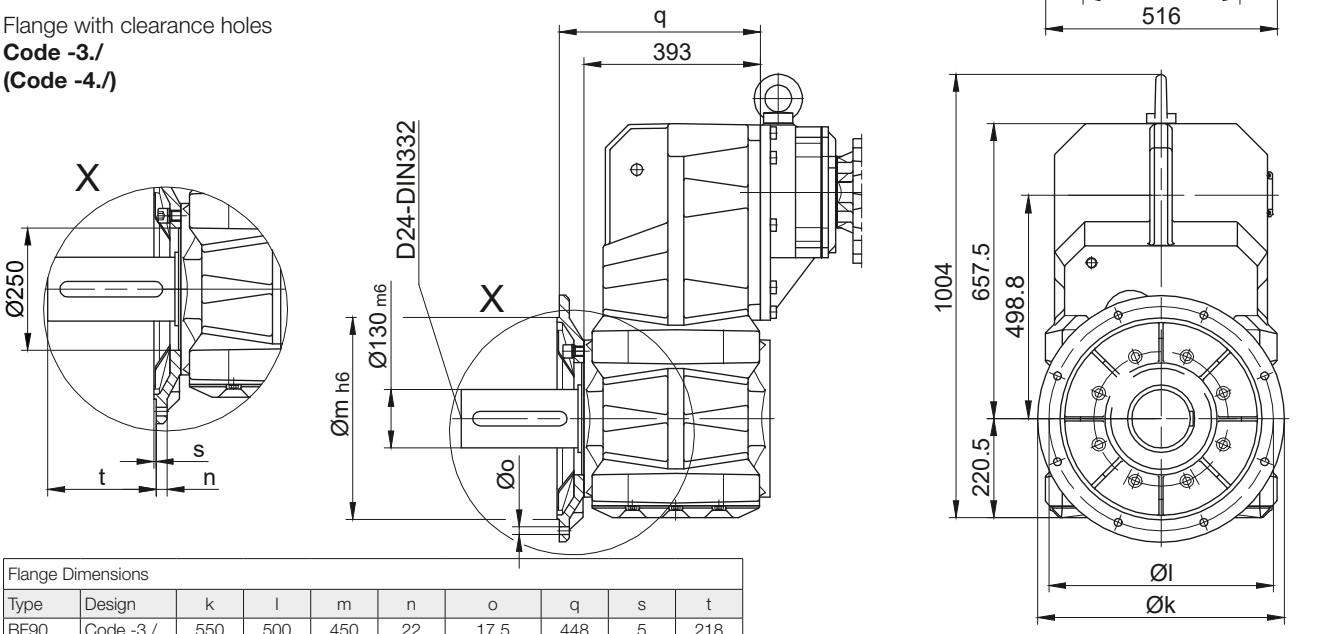
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF90G50

Flange with tapped holes
Code -7./

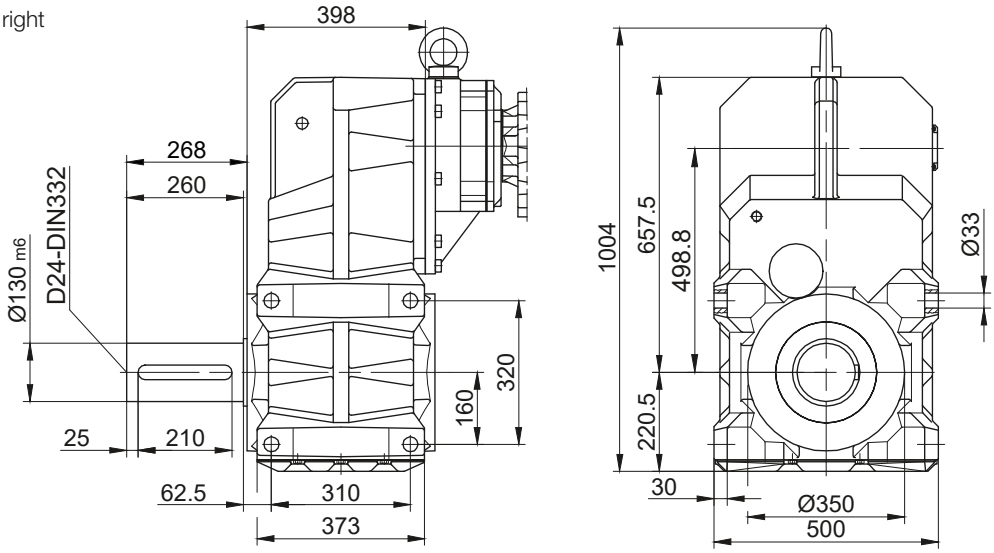


Flange with clearance holes
Code -3./
(Code -4./)



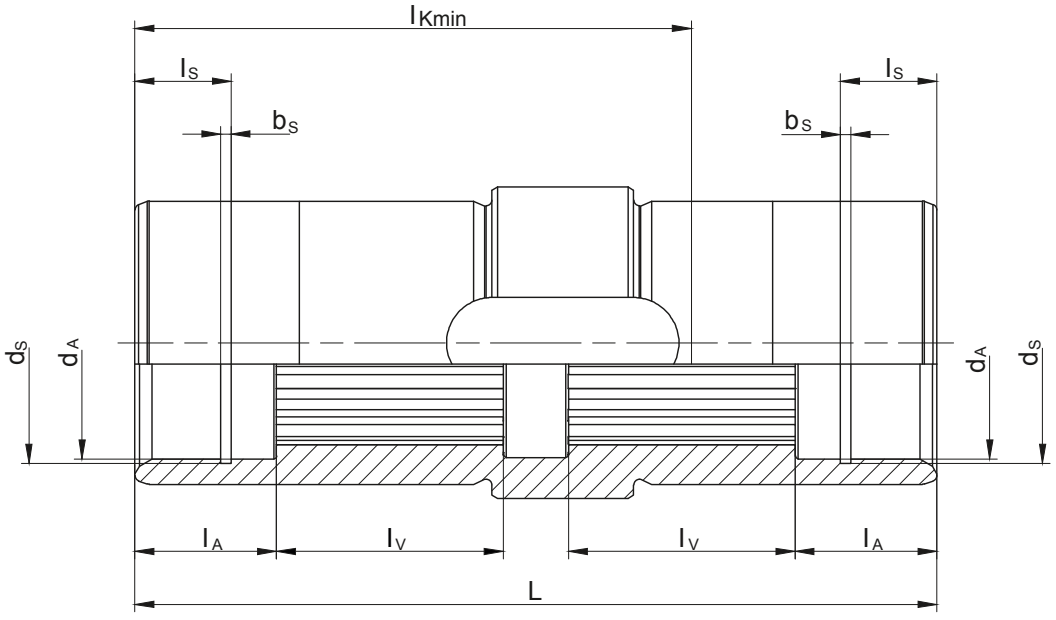
Flange Dimensions									
Type	Design	k	l	m	n	o	q	s	t
BF90..	Code -3./	550	500	450	22	17.5	448	5	218
BF90..	Code -4./	660	600	550	25	22	442	6	224
Dimensions in milimeters (mm)									

Foot with clearance holes left and right
Code -1.LR/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Splined shaft



Type	Splined shaft acc. to DIN 5480	d_A	l_A	l_V	l_{Kmin}	L	d_S	l_S	b_S
BF06	N25x1.25x18x9H	30^{G7}	22	20	68	92	31.4^{H12}	15	1.3^{H13}
BF10	N30x1.25x22x9H	30.5^{G7}	22	33.5	87	124.5	31.4^{H12}	15	1.3^{H13}
BF20	N35x2x16x9H	36^{G7}	22	35	92	130	37^{H12}	9.5	1.6^{H13}
BF30	N40x2x18x9H	41^{G7}	25	40	103	141.5	42.5^{H12}	15	1.85^{H13}
BF40	N50x2x24x9H	51^{G7}	25	48	120	166	53^{H12}	9.5	2.15^{H13}
BF50	N60x2x28x9H	61^{G7}	25	55	123	176	63^{H12}	17	2.15^{H13}
BF60	N70x2x34x9H	72^{G7}	25	70	147	202	75^{H12}	17	2.65^{H13}
BF70	N85x3x27x9H	86^{G7}	26	85	185	241	88.5^{H12}	17	3.15^{H13}
BF80	N110x3x35x9H	112^{G7}	50	90	292	361	116^{H12}	30	4.15^{H13}
BF90	N130x5x24x9H	131.5^{G7}	60	110	365	435	134^{H12}	30	4.15^{H13}
Dimensions in millimetres (mm)									

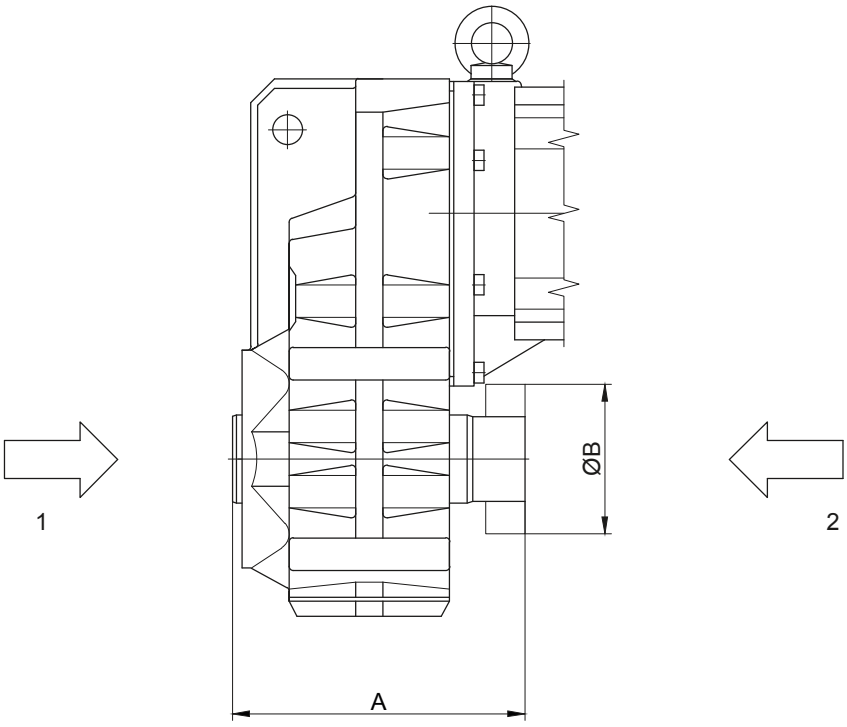
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

Additional Dimension Sheet Metric

Shrink disc coupling (SSV)

(Code BF10-.5/...)
(Code BF10Z-.5/...)



11

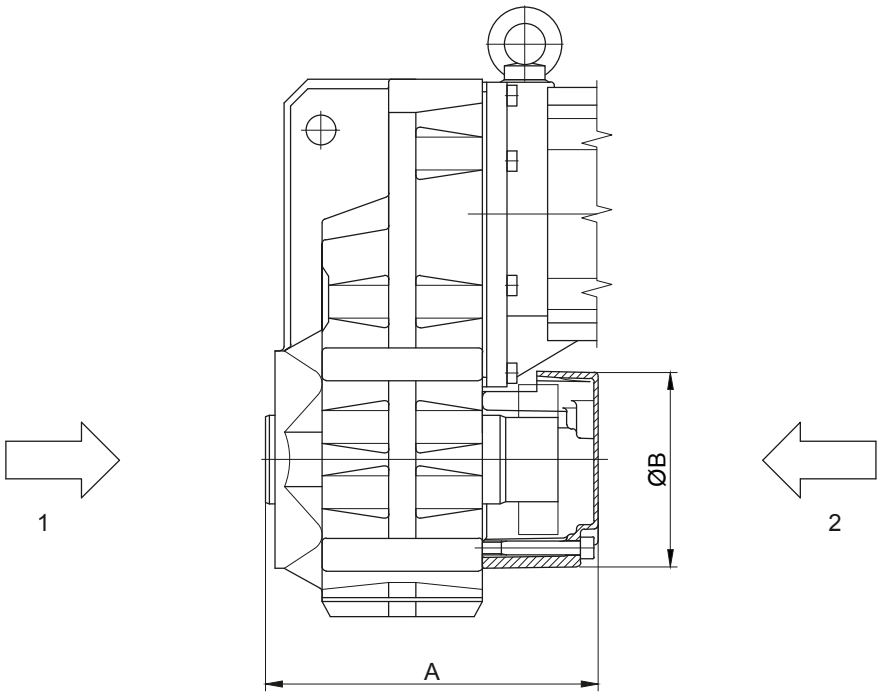
1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	SSV Ringfeder	SSV STÜWE	A	B
BF10	RfN 4161 036x072	HSD 36-22x36	153	72
BF20	RfN 4161 044x080	HSD 44-22x44	173	80
BF30	RfN 4161 050x090	HSD 50-22x50	192	90
BF40	RfN 4161 062x110	HSD 62-22x62	215	110
BF50	RfN 4161 068x115	HSD 68-22x68	211	115
BF60	RfN 4161 080x141	HSD 80-22x80	257	140
BF70	RfN 4161 105x185	HSD 110-22x105	320	185
BF80	RfN 4161 130x215	HSD 125-22x130	421	215
BF90	RfN 4161 150x263	HSD 155-22x150	505	263
Dimensions in millimetres (mm)				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shrink disc coupling with (SSV) cover

(Code BF10-.5A/...)
(Code BF10Z-.5A/...)



1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	SSV Ringfeder	SSV STÜWE	A	B
BF10	RfN 4161 036x072	HSD 36-22x36	174	120
BF20	RfN 4161 044x080	HSD 44-22x44	211	140
BF30	RfN 4161 050x090	HSD 50-22x50	223	140
BF40	RfN 4161 062x110	HSD 62-22x62	245	160
BF50	RfN 4161 068x115	HSD 68-22x68	229	200
BF60	RfN 4161 080x141	HSD 80-22x80	290	210
BF70	RfN 4161 105x185	HSD 110-22x105	359	250
BF80	RfN 4161 130x215	HSD 125-22x130	466	300
BF90	RfN 4161 150x263	HSD 155-22x150	557	350
Dimensions in millimetres (mm)				

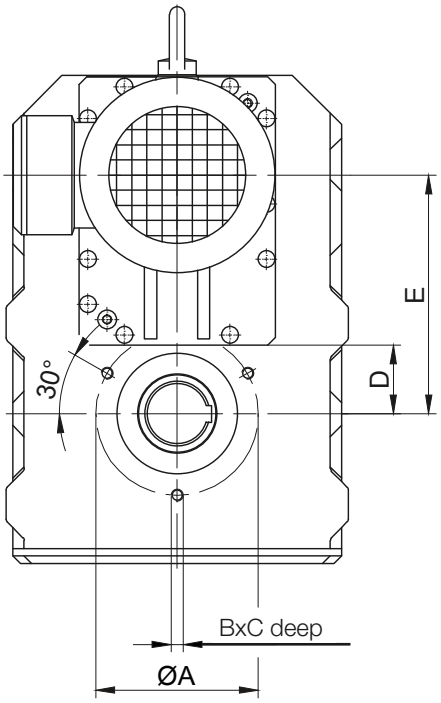
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

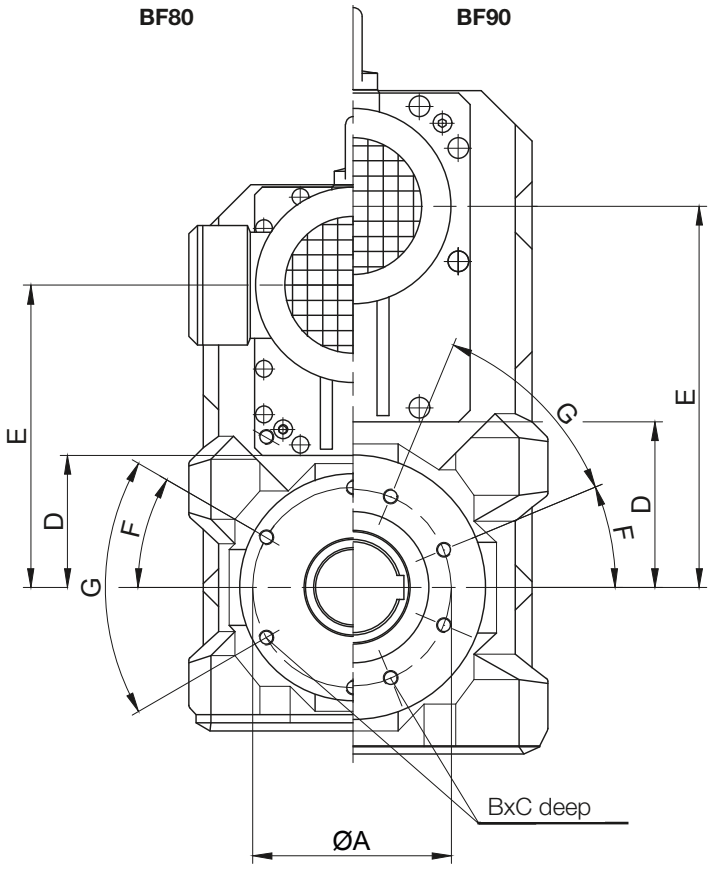
Additional Dimension Sheet Metric

Tapped holes side (H) → shaft cover

BF10 to BF70



BF80 **BF90**

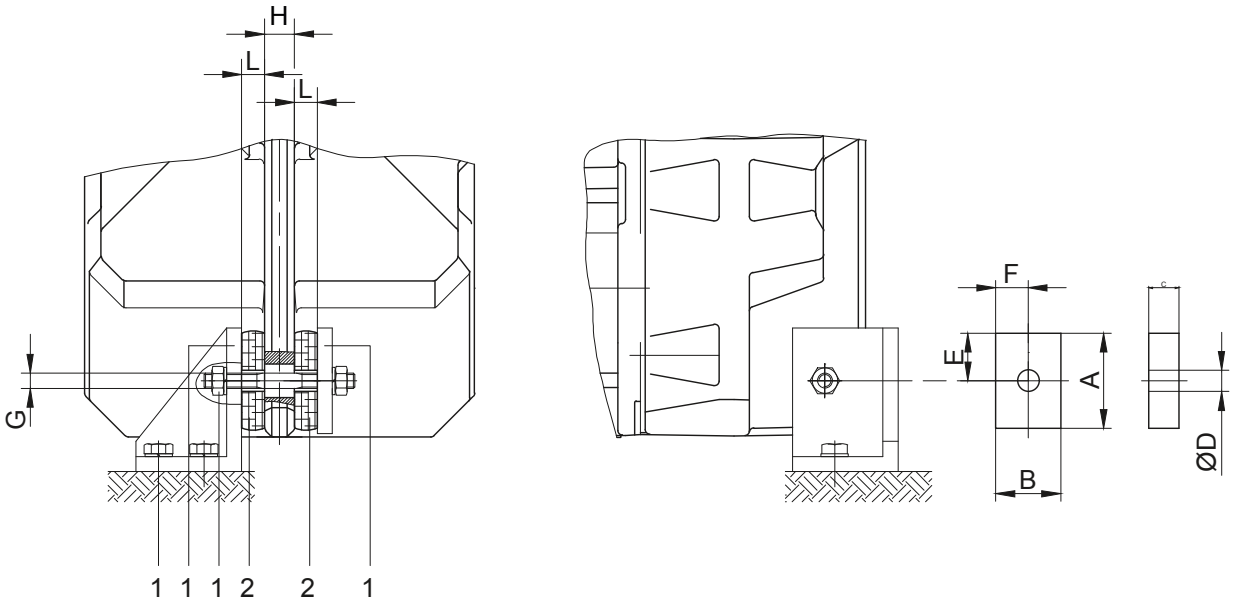


11

Gear	A	B	C	D	E	F	G
BF10	100	M8	16	35	118	-	-
BF20	115	M10	20	39	136	-	-
BF30	115	M10	20	44	157	-	-
BF40	130	M10	20	52	180.5	-	-
BF50	165	M12	24	60	207	-	-
BF60	180	M12	24	69	255,5	-	-
BF70	215	M16	32	89	316	-	-
BF80	265	M20	40	173	400	30°	6x60°
BF90	300	M20	40	219	504.5	22.5°	8x45°
Dimensions in millimetres (mm)							

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Rubber buffer for torque restraint



1 not included in delivery

2 Rubber buffers pretensioned

G maximaler Schraubendurchmesser

11

Material: Natural rubber Hardness 50 +/-5 Shore A
Dimensions of the transverse hole: See dimensioned sketch of the respective shaft mounted gearbox

Gear	Position	A	B	C	D	E	F	G	H	L
BF06	0	30	30	12	12	15	15	M10	10	10
BF10	1	48	32	15	14	24	16	M10	16	13.5
BF20	1	48	32	15	14	24	16	M10	18	13
BF30	2	63	43	20	14	31.5	21.5	M10	18	17
BF40	2	63	43	20	14	31.5	21.5	M10	20	16.5
BF50	3	88	60	25	22	44	30	M18	24	21.5
BF60	3	88	60	25	22	44	30	M18	28	21
BF70	4	123	88	30	26	61.5	44	M20	30	25.5
BF80	5	133	103	35	26	66.5	51.5	M20	40	30
BF90	5	133	103	35	26	66.5	51.5	M20	50	29.5
Dimensions in millimetres (mm)										

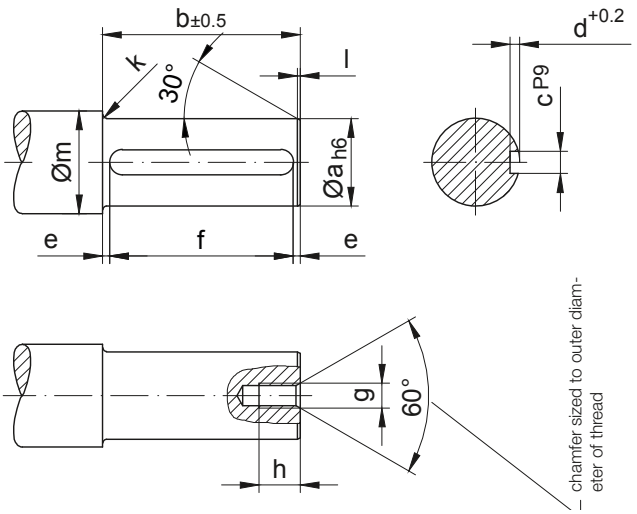
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BF-series shaft-mounted geared motors

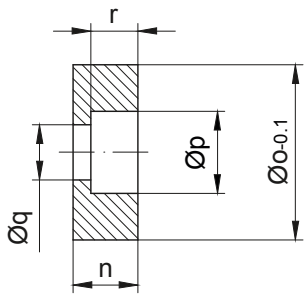
Additional Dimension Sheet Metric

Assembly tools for hollow shaft and keyway

Position 1 Shaft

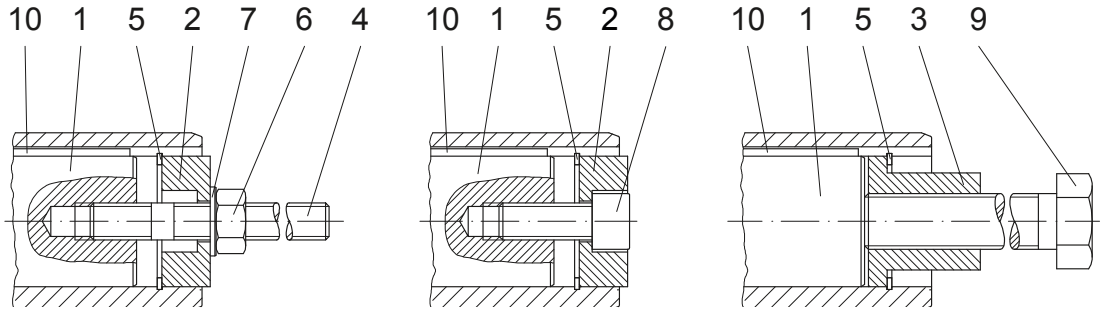


* Position 2 Disc



Material: Steel, tensile strength ≥ 470 N/mm²

Type	Dimensions (mm)															
	Postion 1 Shaft											Postion 2 Disc				
	a	b	c	d	e	f	g	h	k	l	m	n	o	p	q	r
BF06	25	70	8	4	3.5	$63^{+0.5}$	M8	18	2	1.5	33	13.5	24.8	15	9	8.5
BF10	25	102	8	4	6	$90^{+0.5}$	M8	18	2.5	1.5	33	13.5	24.8	15	9	8.5
BF20	30	108	8	4	9	$90^{+0.5}$	M10	20	3	1.5	38	15	29.8	18	11	10
BF30	35	118	10	5	9	$100^{+0.5}$	M10	20	3	1.5	43	16	34.8	18	11	10
BF40	40	141	12	5	8	$125^{+0.5}$	M12	22	3	2	48	18	39.8	20	13.5	12
BF50	50	148	14	5.5	11.5	$125^{+0.5}$	M16	30	3.5	2	58	21	49.8	26	17.5	15
BF60	60	173	18	7	6.5	$160^{+0.5}$	M20	38	3.5	2	68	24	59.8	33	22	18
BF70	80	205	22	9	12.5	$180^{+0.5}$	M20	38	4	2	90	27	79.8	33	22	20
BF70-K70	70	205	20	7.5	12.5	$180^{+0.5}$	M20	38	4	2	90	27	69.8	33	22	20
BF80	100	317	28	10	18.5	$280^{+0.5}$	M24	45	4	3	110	32	99.8	40	26	25
BF90	120	383	32	11	11.5	$360^{+0.5}$	M24	45	4.5	3	130	35	119.8	40	26	28



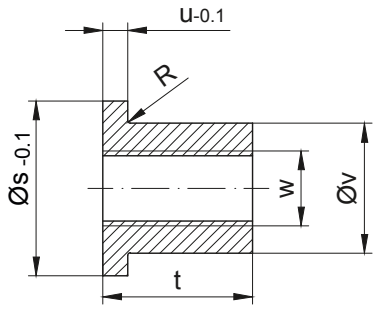
Installation | Holding | Dismantlement

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

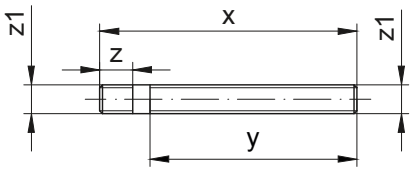
Assembly tools for hollow shaft and keyway

Position 3 Sleeve



Material: Steel, tensile strength ≥ 470 N/mm²

* Position 4 Stud bolt



Material: Steel, tensile strength ≥ 1000 N/mm² Thread rolled

Type	Dimensions (mm)										* Retaining ring DIN 472	Hexagon nut DIN 394-8	Disc DIN 125-St	* Filister head screw DIN 912-8.8	Tightening torques (Nm)	Hexagon bolt DIN EN 24017-8.8	Key DIN 6885 Width/Height/Length
	Position 3 Sleeve						Position 4 Stud bolt										
	s	t	u	v	w	R	x	y	z	z1	Pos.5	Pos.6	Pos.7	Pos.8		Pos.9	Pos.10
BF06	24.8	24	5	15.4	M12	0.8	160	130	20	M8	25x1.2	M8	8.4	M8x30	5	M12x110	A 8x7x63
BF10	24.8	24	5	15.4	M12	0.8	160	130	20	M8	25x1.2	M8	8.4	M8x30		M12x140	A 8x7x90
BF20	29.8	28	5	19.8	M14	0.8	170	135	23	M10	30x1.2	M10	10.5	M10x30	8	M14x150	A 8x7x90
BF30	34.8	28	5	23	M14	-	180	145	23	M10	35x1.5	M10	10.5	M10x35		M14x160	A 10x8x100
BF40	39.8	40	6	27.7	M20	0.8	210	170	28	M12	40x1.75	M12	13	M12x35	16	M20x200	A 12x8x125
BF50	49.8	48	6	36	M24	-	230	175	37	M16	50x2.0	M16	17	M16x40	30	M24x210	A 14x9x125
BF60	59.8	60	6	44	M30	-	270	205	45	M20	60x2.0	M20	21	M20x50	42	M30x250	A 18x11x160
BF70	79.8	60	8	55	M30	-	310	240	45	M20	80x2.5	M20	21	M20x50		M30x280	A 22x14x180
BF70-K70	69.8	60	8	53	M30	-	310	240	45	M20	70x2.5	M20	21	M20x50		M30x280	A 20x12x180
BF80	99.8	72	10	75	M36	-	440	360	55	M24	100x3.0	M24	25	M24x60	100	M36x410	A 28x16x280
BF90	119.8	72	10	80	M36	-	510	430	55	M24	120x4.0	M24	25	M24x60		M36x480	A 32x18x360

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

Optional

Type	Assembly tool „Holding“
BF06	Id.Nr. 4103921
BF10	Id.Nr. 4103921
BF20	Id.Nr. 4103939
BF30	Id.Nr. 4103947
BF40	Id.Nr. 4103955
BF50	Id.Nr. 4103963
BF60	Id.Nr. 4103971
BF70	Id.Nr. 4103980
BF70-K70	Id.Nr. 4104765
BF80	Id.Nr. 4103998
BF90	Id.Nr. 4104005

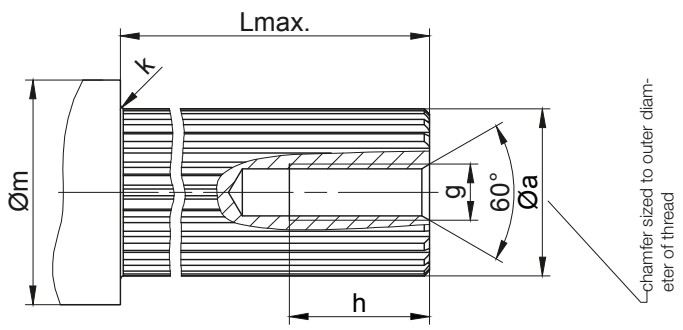
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

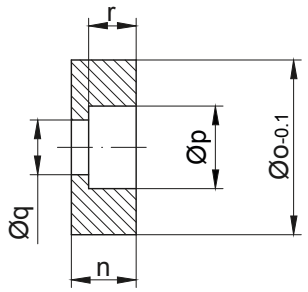
Additional Dimension Sheet Metric

Assembly tool for shaft mounted gears with splined shaft

Position 1 Shaft

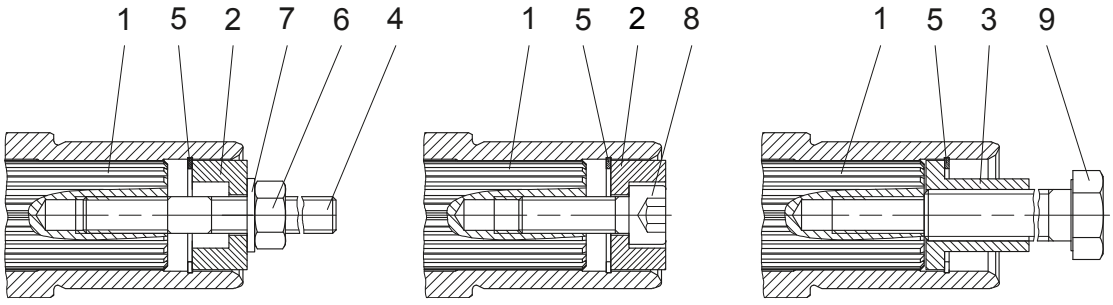


* Position 2 Disc



Material: Steel, tensile strength ≥ 470 N/mm²

Type	Dimensions (mm)										
	Postion 1 Shaft						Postion 2 Disc				
	a	g	h	g	Lmax.	m	n	o	p	q	r
BF06	DIN 5480-W25x1.25x18x8f	M8	20	2	70	37	13	29.9	15	9	8
BF10	DIN 5480-W30x1.25x22x8f	M10	25	2.5	100	38	15	30.4	18	11	10
BF20	DIN 5480-W35x2x16x8f	M10	25	3	110	43	14	35.9	18	11	10
BF30	DIN 5480-W40x2x18x8f	M12	30	3	117	48	18	40.9	20	13.5	12
BF40	DIN 5480-W50x2x24x8f	M16	35	3	145	60	17.5	50.9	26	17.5	12.5
BF50	DIN 5480-W60x2x28x8f	M20	40	3.5	150	69	24	60.9	33	22	18
BF60	DIN 5480-W70x2x34x8f	M20	40	3.5	175	80	24	71.9	33	22	18
BF70	DIN 5480-W85x3x27x8f	M20	40	4	215	96	22	85.9	33	22	16
BF80	DIN 5480-W110x3x35x8f	M24	50	4	315	122	32	111.9	40	26	25
BF90	DIN 5480-W130x5x24x8f	M24	50	4.5	390	141	25	131.4	40	26	18



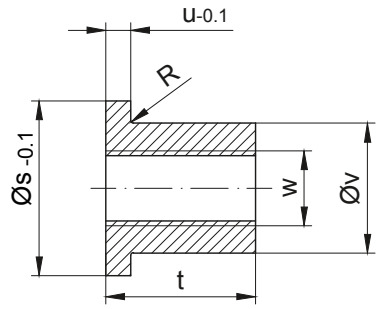
Installation Holding Dismantlement

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

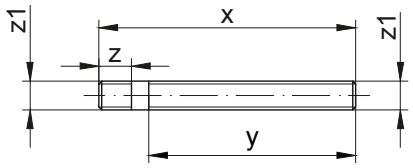
Assembly tool for shaft mounted gears with splined shaft

Position 3 Sleeve



Material: Steel, tensile strength ≥ 470 N/mm²

* Position 4 Stud bolt



Material: Steel, tensile strength ≥ 1000 N/mm² Thread rolled

Type	Dimensions (mm)										* Retaining ring DIN 472	Hexagon nut DIN 394-8	Disc DIN 125-St	* Filister head screw DIN 912-8.8	Starting torque (Nm)	Hexagon bolt DIN EN 24017-8.8
	Position 3 Sleeve						Position 4 Stud bolt									
	s	t	u	v	w	R	x	y	z	z1	Pos.5	Pos.6	Pos.7	Pos.8		Pos.9
BF06	29.9	24	5	15.4	M12	0.8	160	130	20	M8	30x1.2	M8	8.4	M8x30	5	M12x110
BF10	30.4	28	5	19.8	M14	-	170	135	23	M10	30x1.2	M10	10.5	M10x30	8	M14x150
BF20	35.9	28	5	23	M14	-	180	145	23	M10	35x1.5	M10	10.5	M10x35		M14x160
BF30	40.9	40	6	27.7	M20	-	210	170	28	M12	40x1.75	M12	13	M12x35	16	M20x200
BF40	50.9	48	6	36	M24	0.8	230	175	37	M16	50x2.0	M16	17	M16x40	30	M24x210
BF50	60.9	60	6	44	M30	-	270	205	45	M20	60x2.0	M20	21	M20x50	42	M30x250
BF60	71.9	60	6	53	M30	0.8	310	240	45	M20	72x2.5	M20	21	M20x50		M20x280
BF70	85.9	60	8	65	M30	0.8	310	240	45	M20	85x3	M20	21	M20x50		M30x280
BF80	111.9	72	10	85	M36	0.8	440	360	55	M24	112x4	M24	25	M24x60	100	M36x410
BF90	131.4	72	10	95	M36	0.8	510	430	55	M24	130x4	M24	25	M24x60		M36x480

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
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Optional

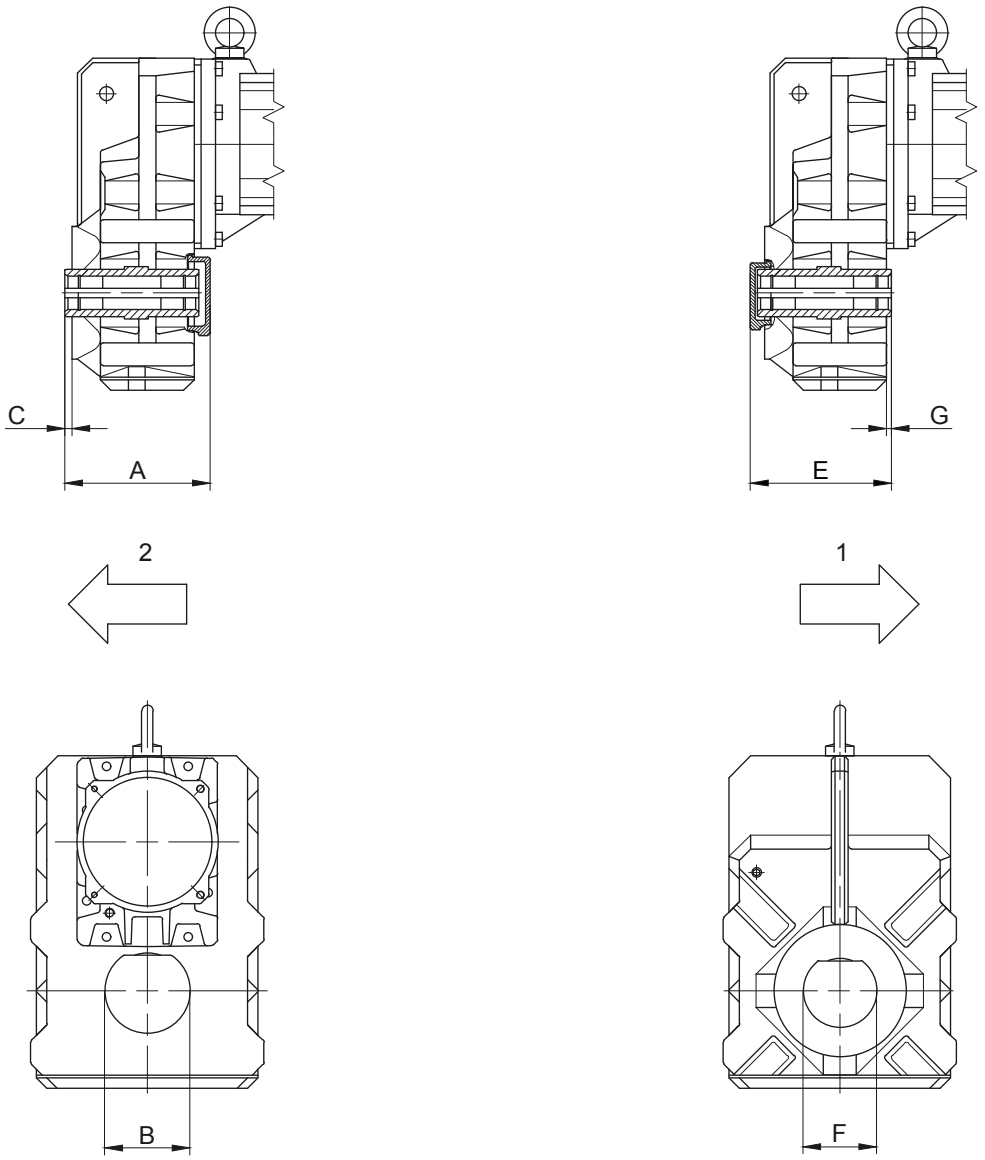
Type	Assembly tool „Holding“
BF06	Id.Nr. 4105125
BF10	Id.Nr. 4105133
BF20	Id.Nr. 4105141
BF30	Id.Nr. 4105150
BF40	Id.Nr. 4105168
BF50	Id.Nr. 4105176
BF60	Id.Nr. 4105184
BF70	Id.Nr. 4105192
BF80	Id.Nr. 4105206
BF90	Id.Nr. 4105214

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BF-series shaft-mounted geared motors

Additional Dimension Sheet Metric

Shaft cap (VK)



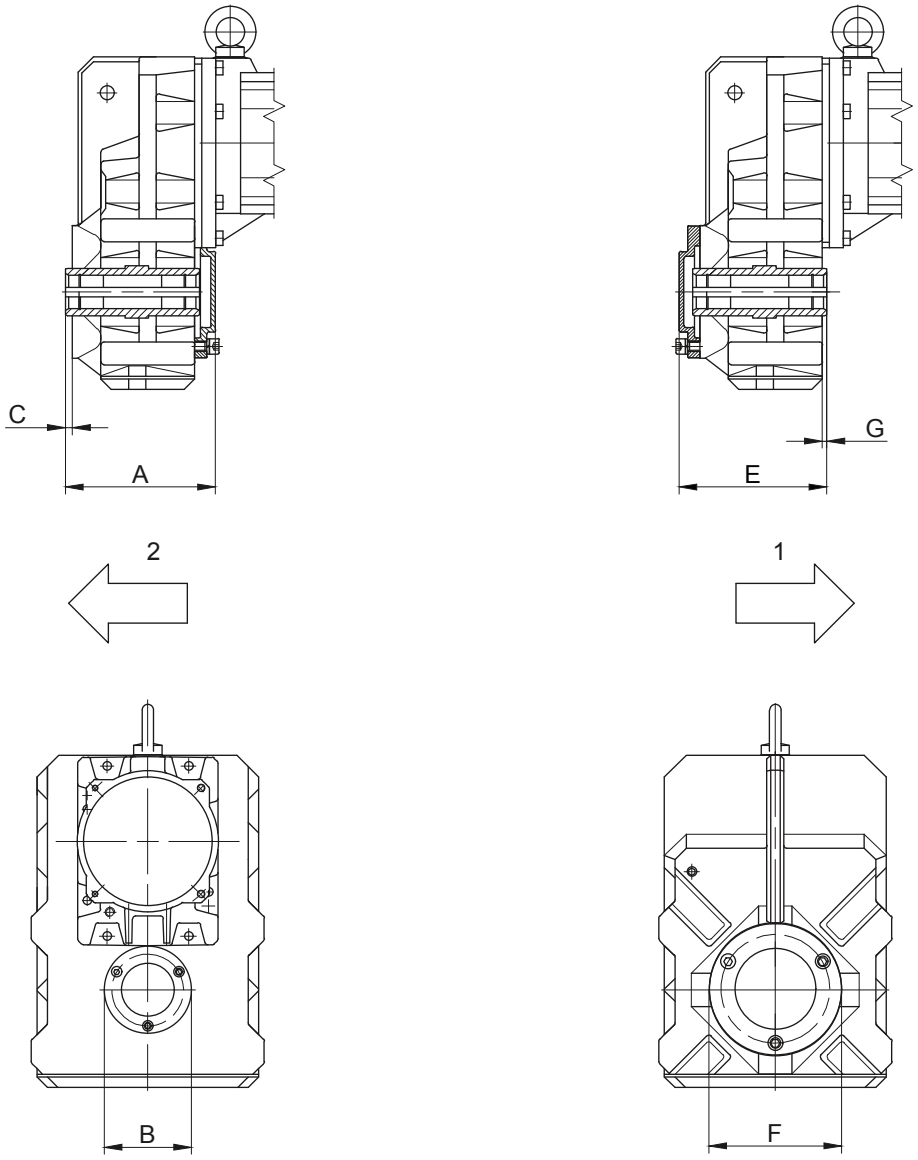
1 Gear side FRONT (V)
2 Gear side REAR (H)

Shaft cap REAR (H)			
Type	A	B	C
BF10	134	78	5
BF20	142	85	5
BF30	153,5	90	7,5
BF40	179,5	110	7
BF50	192	125	6
BF60	222	140	7
BF70	258	170	6
Dimensions in millimetres (mm)			

Shaft cap FRONT (V)			
Type	E	F	G
BF30	149	78	7,5
BF50	189,5	110	6
BF70	262	130	6
Dimensions in millimetres (mm)			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shaft cover (VD)

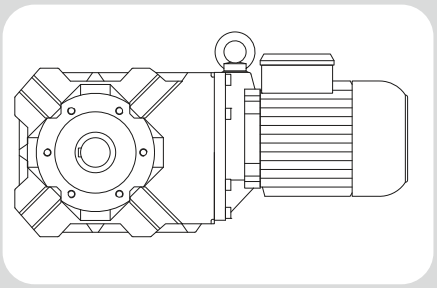


1 Gear side FRONT (V)
2 Gear side REAR (H)

Shaft cover REAR (H)			
Type	A	B	C
BF70	376	300	8
BF90	442	350	8
Dimensions in millimetres (mm)			

Shaft cover FRONT (V)			
Type	E	F	G
BF10	135,5	120	5
BF20	144	139,5	5
BF30	153	139,5	7,5
BF40	179,5	160	7
BF50	191,5	199	6
BF60	221,5	210	7
BF70	258	250	6
BF80	376	300	8
BF90	442	350	8
Dimensions in millimetres (mm)			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.



12

BK-series bevel-geared motors - Dimensions

Dimension - Standard Imperial 470
BK06 470
BK10 - BK10Z 472
BK20 - BK20Z 474
BK30 - BK30Z 476
BK40 - BK40Z 478
BK50 - BK50Z 480
BK60 - BK60Z 482
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BK80 - BK80Z 486
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Dimension -Tandem Gearbox Imperial 490
BK10G06 490
BK20G06 492
BK30G06 494
BK40G10 496
BK50G10 498
BK60G20 500
BK70G20 502
BK80G40 504
BK90G50 506
Additional Dimension Sheet Imperial 508
Shrink disk couplings (SSV) 508
Shrink disk connection with cover (SSV) 509
Rubber buffer for torque arm 510
Position of the torque arm 511
Foot with tapped holes 512
Foot plate with clearance holes 513
Assembly tools for hollow shaft and keyway 514
Shaft cap (VK) 516
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Dimension - Standard Metric 518
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Dimension - Tandem Gearbox Metric 538
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◀ BK30G06 542
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BK60G20 548
BK70G20 550
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Additional Dimension Sheet Metric 557
Splined shaft 557
Shrink disc coupling (SSV) 558
Shrink disc connection with cover (SSV) 559
Rubber buffer for torque arm 560
Position of the torque arm 561
Foot with tapped holes 562
Foot plate with clearance holes 563
Assembly tools for hollow shaft and keyway 564
Assembly tools for splined shaft 566
Shaft cap (VK) 568
Shaft cover (VD) 569

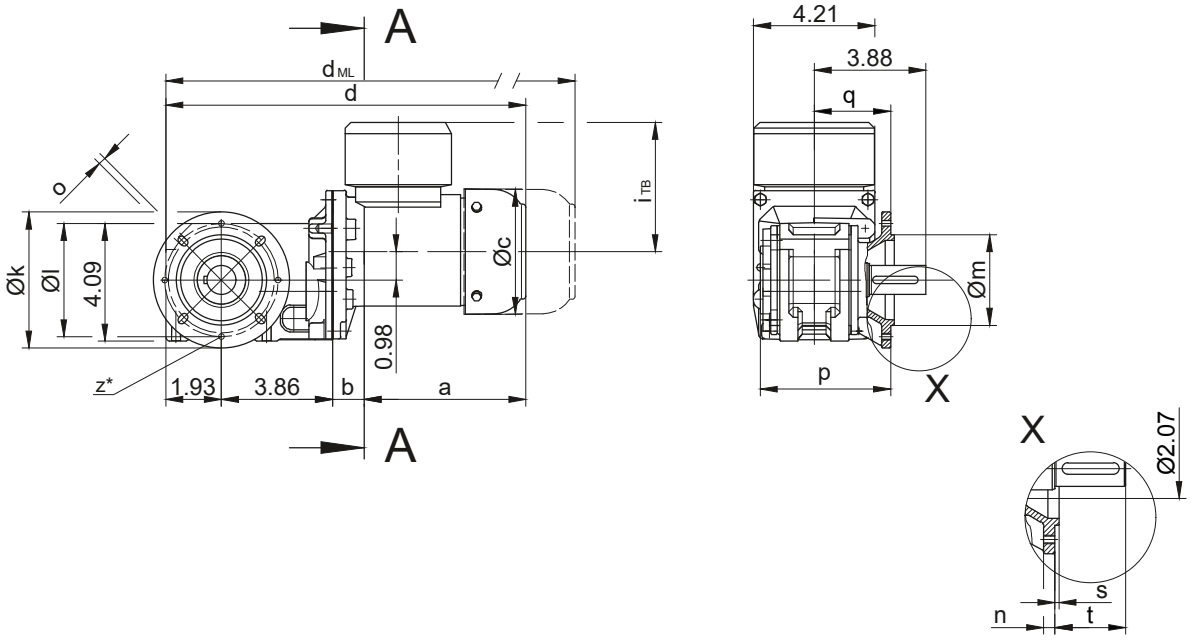
BK-series bevel-geared motors

Dimension - Standard Imperial

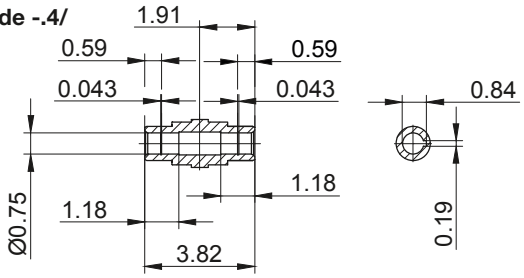
BK06

Flange with clearance holes at front

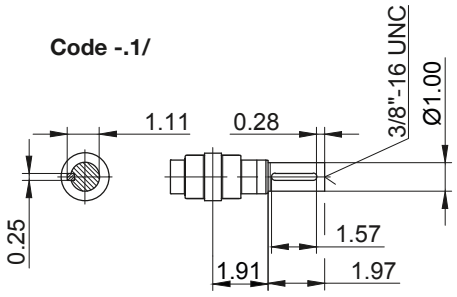
Code -3.V/

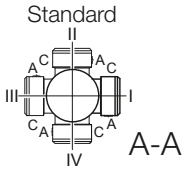


Code -.4/

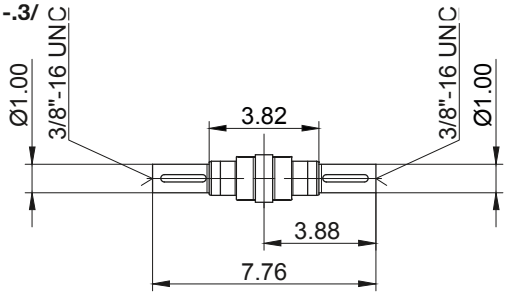


Code -.1/





Code -.3/



* optional 4xM6 for code -3.

Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK06	Code -3.V/	4.724	3.937	3.150	0.315	0.260	4.528	2.657	0.118	1.970
BK08	Code -3.V/	7.874	6.496	5.118	0.472	0.433	7.343	4.173	0.138	1.533
Dimensions in inch										

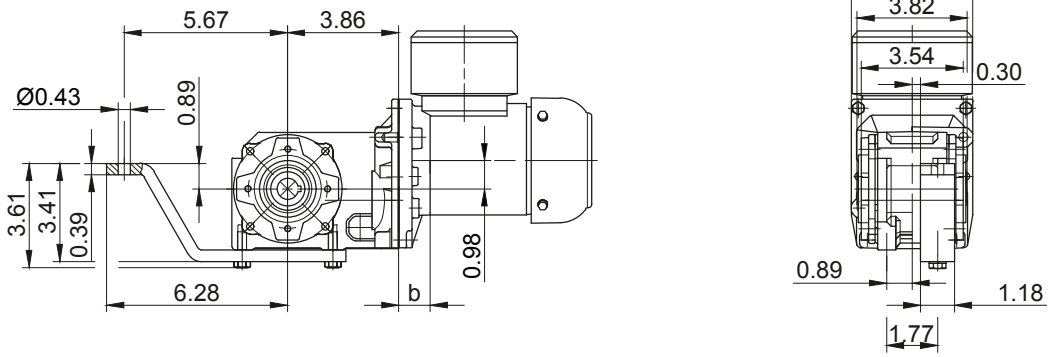
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

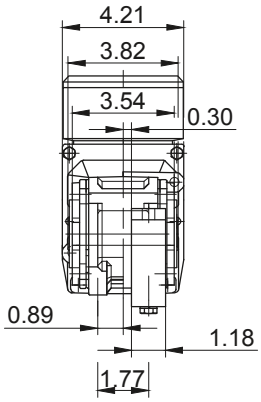
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK06-../D04.A.	5.61	1.10	4.35	12.50	3.54	4.41	14.21	15.94	17.65	-
BK06-../D..05.A.	6.72	1.18	4.84	13.69	4,00	4.61	15.34	17.72	19.20	-
BK06-../D..06.A.	6.70	1.18	4.84	13.67	4,00	4.69	15.33	17.71	19.19	-
BK06-../D..07.A.	7.49	1.18	4.84	14.46	4,00	4.69	16.11	18.50	19.97	-
BK06-../D..08.A.	7.85	2.91	6.14	16.56	4.57	5.37	19.15	20.96	23.39	19.15
BK06-../D..08.B.	9.04	2.91	6.14	17.74	4.57	5.37	20.33	22.15	24.55	20.33
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

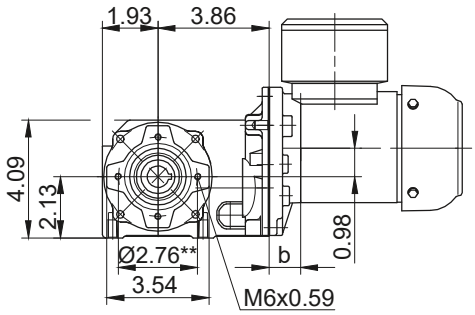
BK06

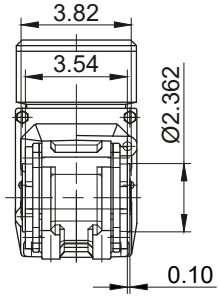
Torque arm at front
Code -5.V/



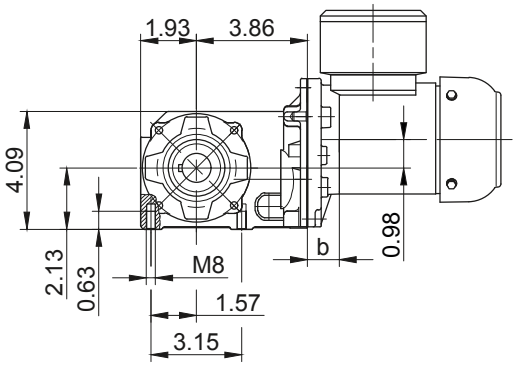


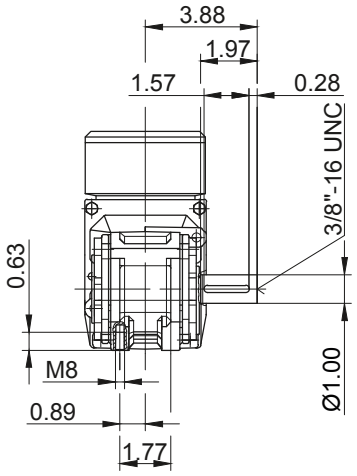
Flange with tapped holes at front
Code -7.V/



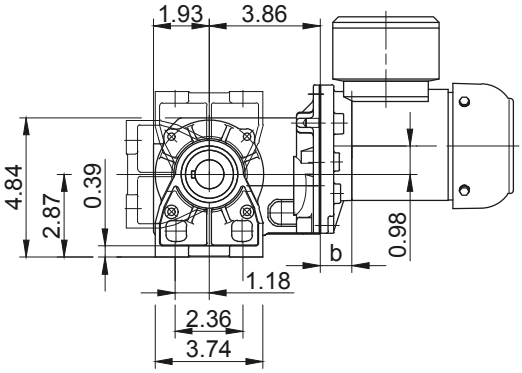


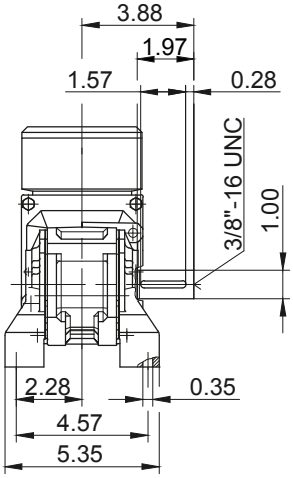
Foot with tapped holes at bottom
Code -6.U/





Foot with clearance holes at bottom
Code -1.U/





** not for D..08.. with PTO shaft (code -.1, -.2, -3., -.7, -.8, -.9)

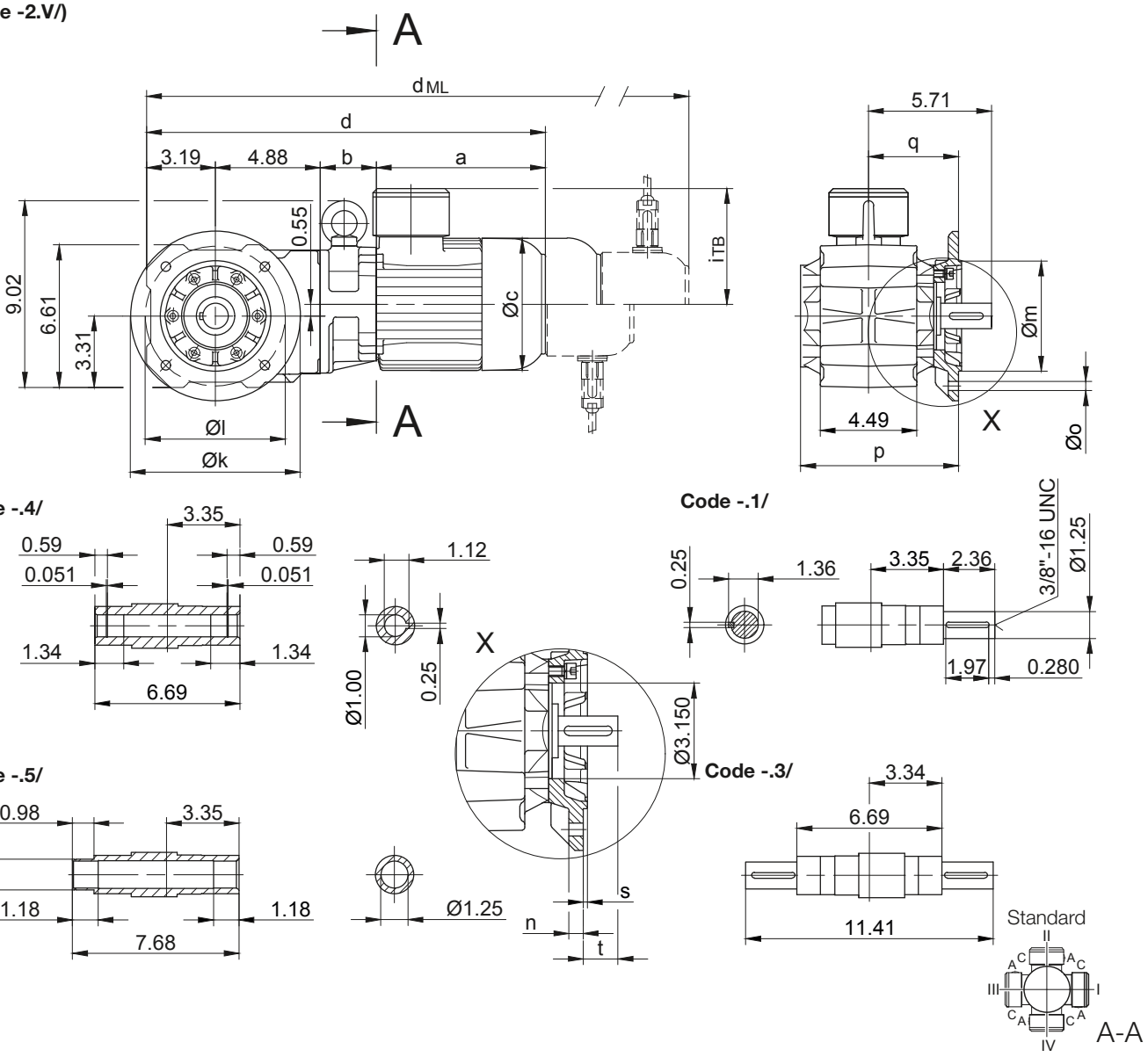
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

Dimension - Standard Imperial

BK10 - BK10Z

Flange with clearance holes at front
Code -3.V/
(Code -2.V/)



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK10..	Code -3.V/	7.874	6.496	5.118	0.472	0.433	7.343	4.173	0.138	1.533
BK10..	Code -2.V/	6.299	5.118	4.331	0.394	0.354	7.067	3.898	0.138	1.809
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

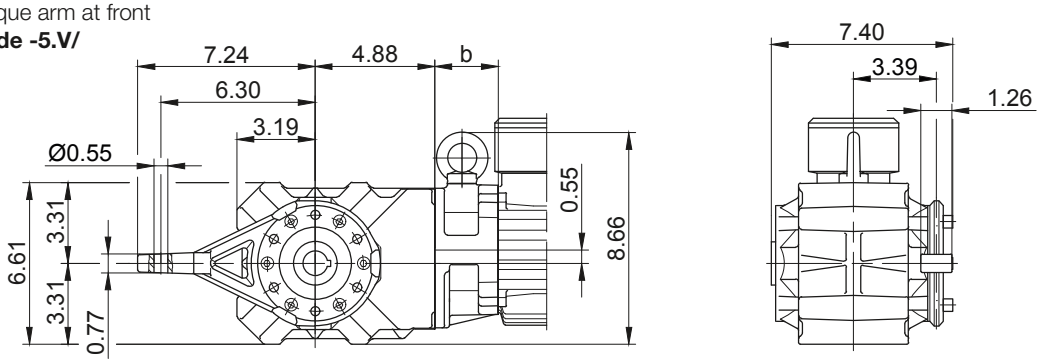
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK10Z-../D04.A.	5.61	3.39	4.35	17.07	3.54	4.41	18.78	20.51	22.22	-
BK10-../D..05.A.	6.72	2.44	4.84	17.23	4,00	4.61	18.88	21.26	22.74	-
BK10Z-../D..05.A.	6.72	3.46	4.84	18.25	4,00	4.61	19.91	22.29	23.76	-
BK10-../D..06.A.	6.70	2.44	4.84	17.22	4,00	4.69	18.87	21.25	22.73	-
BK10Z-../D..06.A.	6.70	3.46	4.84	18.24	4,00	4.69	19.89	22.28	23.75	-
BK10-../D..07.A.	7.49	2.44	4.84	18.00	4,00	4.69	19.66	22.04	23.52	-
BK10Z-../D..07.A.	7.49	3.46	4.84	19.03	4,00	4.69	20.68	23.06	24.54	-
BK10-../D..08.A.	7.85	2.60	6.14	18.52	4.57	5.37	21.12	22.93	25.35	21.12
BK10Z-../D..08.A.	7.85	5.20	6.14	21.12	4.57	5.37	23.72	25.53	27.95	23.72
BK10-../D..08.B.	9.04	2.60	6.14	19.70	4.57	5.37	22.30	24.11	26.52	22.30
BK10Z-../D..08.B.	9.04	5.20	6.14	22.30	4.57	5.37	24.90	26.71	29.11	24.90
BK10-../D..09.A.	9.86	3.17	6.93	21.10	4.94	6.18	24.76	25.34	28.86	24.76
BK10-../D..09.B.	12.15	3.17	6.93	23.39	4.94	6.18	27.05	27.60	31.15	27.05
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK10 - BK10Z

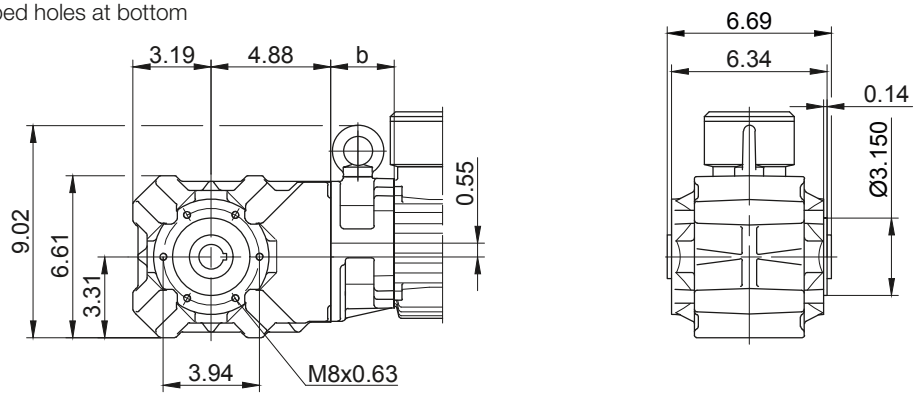
Torque arm at front

Code -5.V/



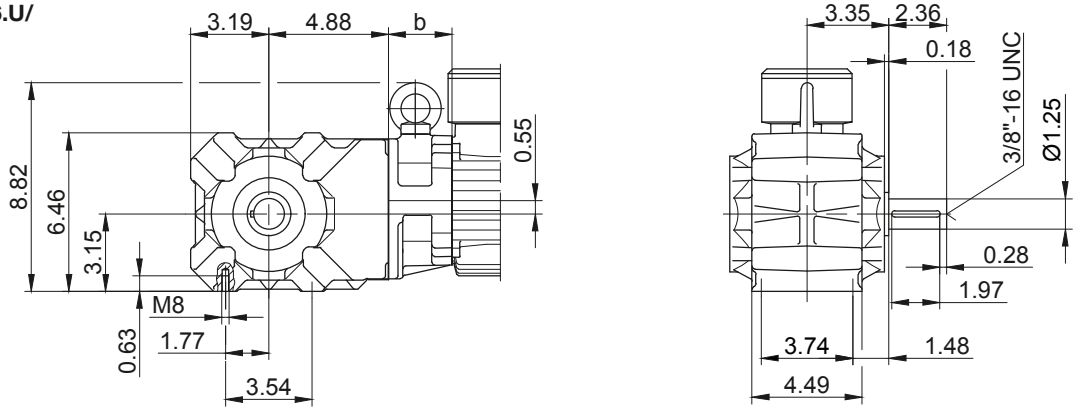
Foot with tapped holes at bottom

Code -7.V/



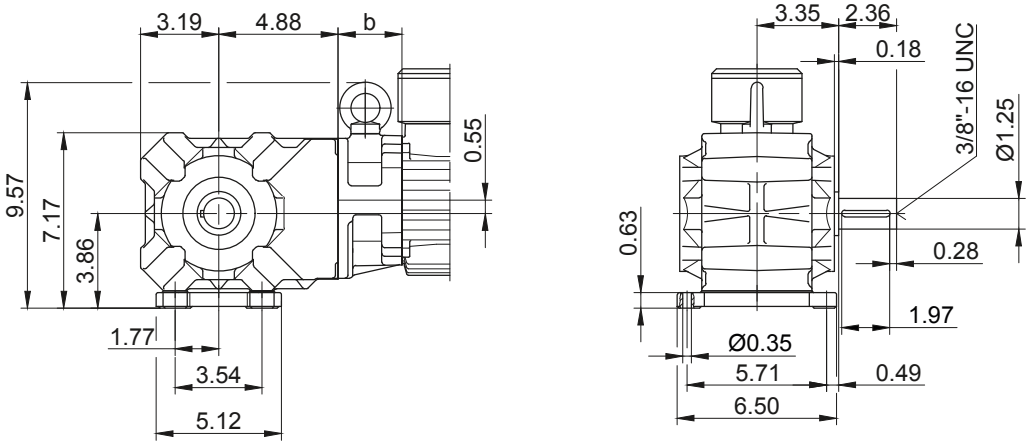
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

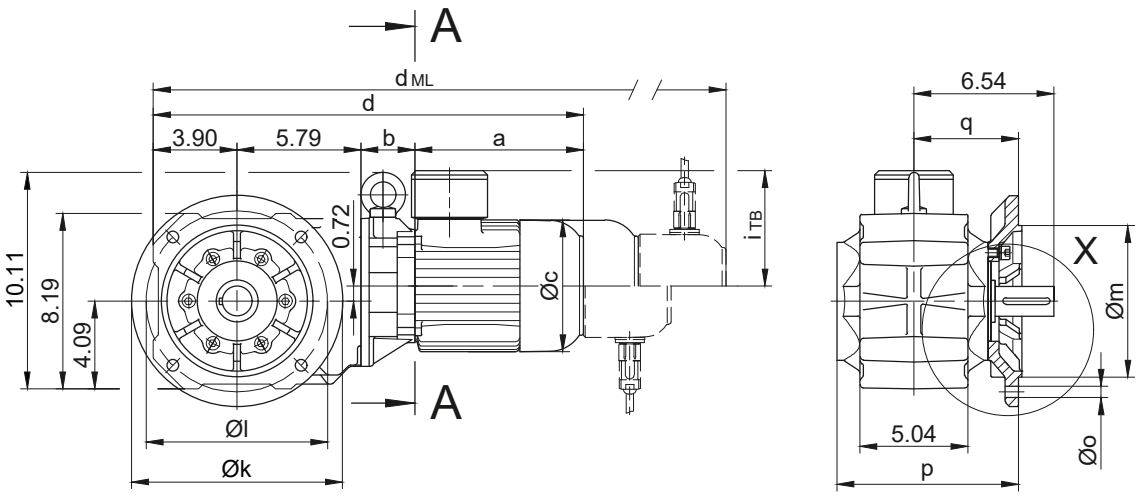
BK-series bevel-geared motors

Dimension - Standard Imperial

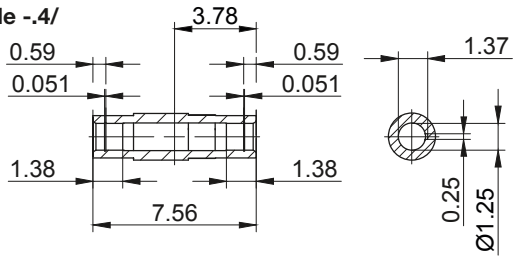
BK20 - BK20Z

Flange with clearance holes at front

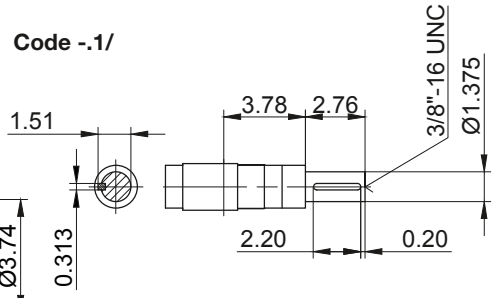
Code -3.V/
(Code -2.V/)

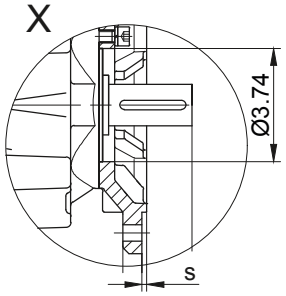


Code -.4/

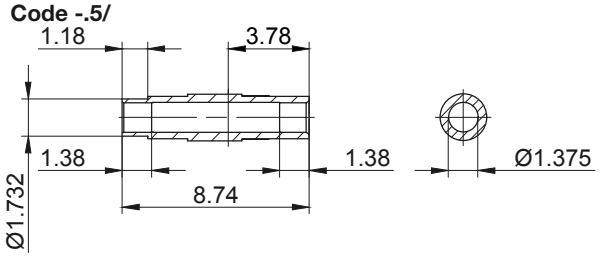


Code -.1/

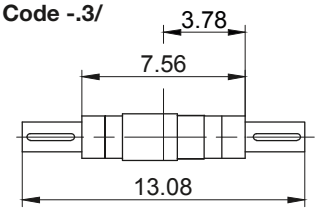


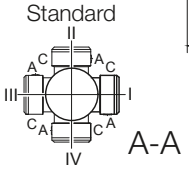


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK20..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	8.484	4.882	0.157	1.677
BK20..	Code -2.V/	7.874	6.496	5.118	0.472	0.433	8.130	4.528	0.138	2.012
Dimensions in inch										

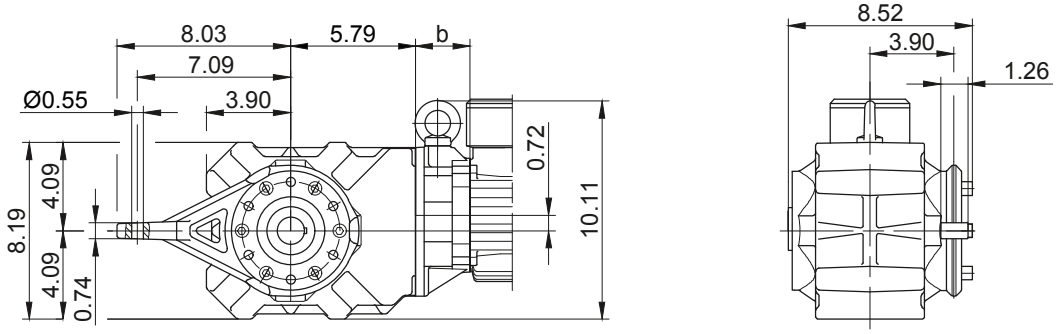
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK20Z-../D04.A.	5.61	3.94	4.35	19.23	3.54	4.41	20.94	22.67	24.39	-
BK20-../D..05.A.	6.72	2.36	4.84	18.76	4,00	4.61	20.42	22.80	24.28	-
BK20Z-../D..05.A.	6.72	4.02	4.84	20.42	4,00	4.61	22.07	24.45	25.93	-
BK20-../D..06.A.	6.70	2.36	4.84	18.75	4,00	4.69	20.41	22.79	24.26	-
BK20Z-../D..06.A.	6.70	4.02	4.84	20.41	4,00	4.69	22.06	24.44	25.92	-
BK20-../D..07.A.	7.49	2.36	4.84	19.54	4,00	4.69	21.19	23.57	25.05	-
BK20Z-../D..07.A.	7.49	4.02	4.84	21.19	4,00	4.69	22.85	25.23	26.70	-
BK20-../D..08.A.	7.85	2.52	6.14	20.06	4.57	5.37	22.66	24.47	26.89	22.66
BK20Z-../D..08.A.	7.85	5.75	6.14	23.29	4.57	5.37	25.89	27.70	30.12	25.89
BK20-../D..08.B.	9.04	2.52	6.14	21.24	4.57	5.37	23.84	25.65	28.05	23.84
BK20Z-../D..08.B.	9.04	5.75	6.14	24.47	4.57	5.37	27.07	28.88	31.28	27.07
BK20-../D..09.A.	9.86	3.09	6.93	22.64	4.94	6.18	29.19	26.87	30.40	26.30
BK20-../D..09.B.	12.15	3.09	6.93	24.92	4.94	6.18	24.41	29.14	32.68	28.58
Dimensions in inch										

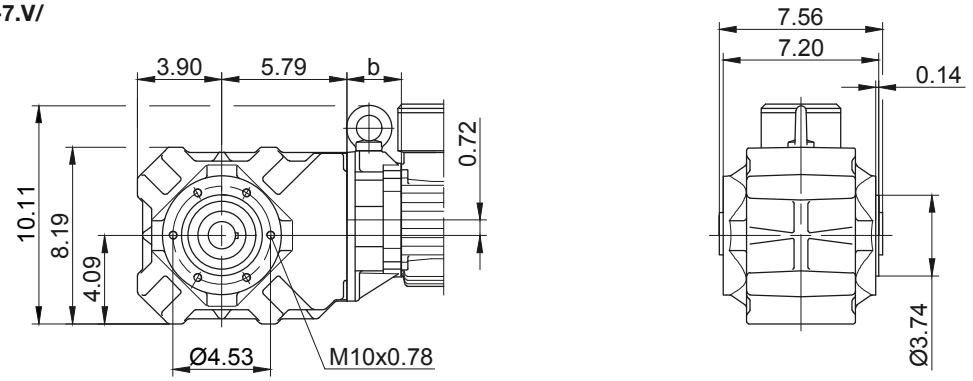
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK20 - BK20Z

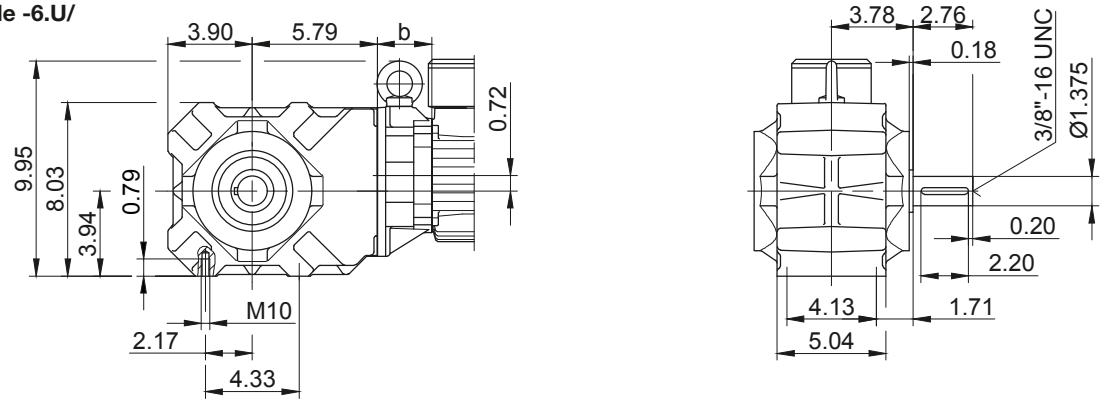
Torque arm at front
Code -5.V/



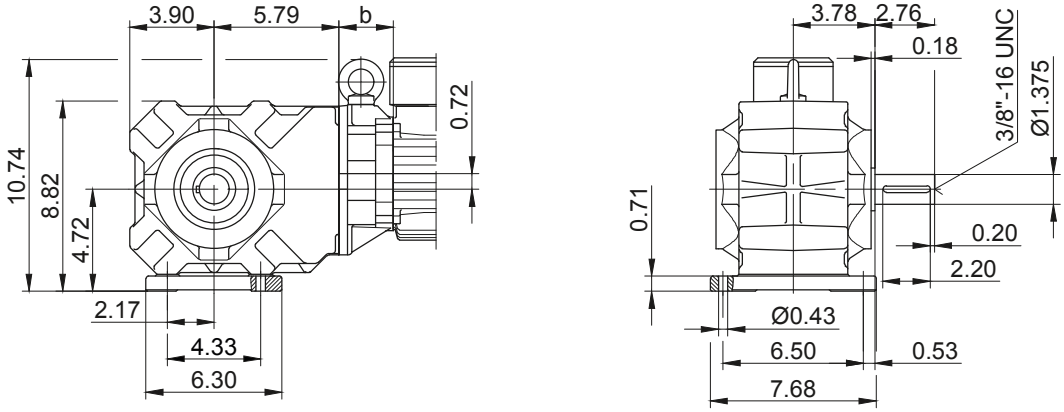
Flange with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

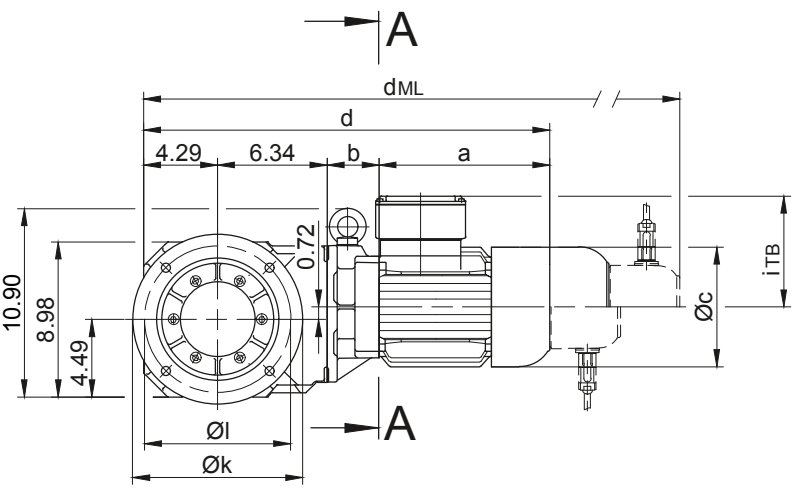
BK-series bevel-geared motors

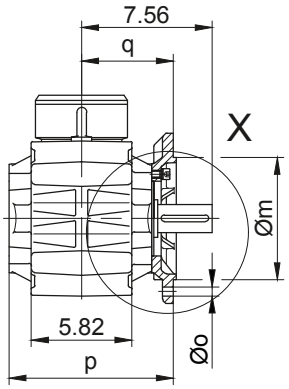
Dimension - Standard Imperial

BK30 - BK30Z

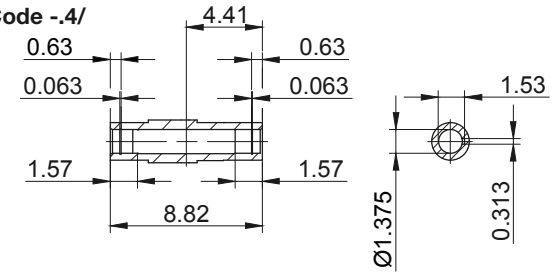
Flange with clearance holes at front

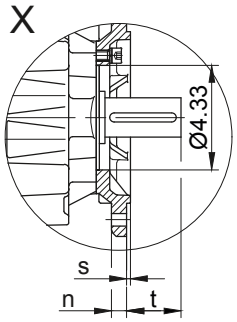
Code -3.V/
(Code -2.V/)



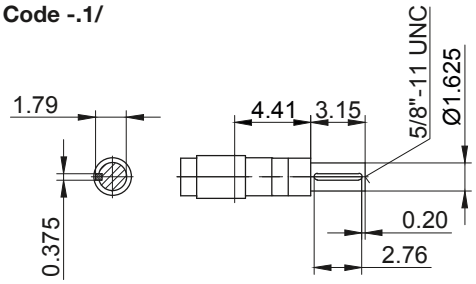


Code -.4/

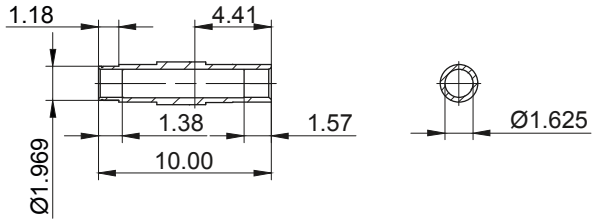


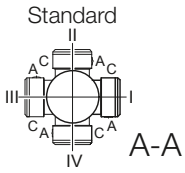


Code -.1/

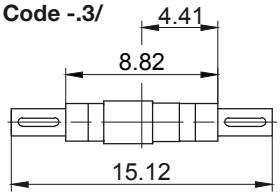


Code -.5/





Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK30..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	9.528	5.315	0.157	2.244
BK30..	Code -2.V/	7.874	6.496	5.118	0.472	0.433	9.409	5.197	0.138	2.343
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

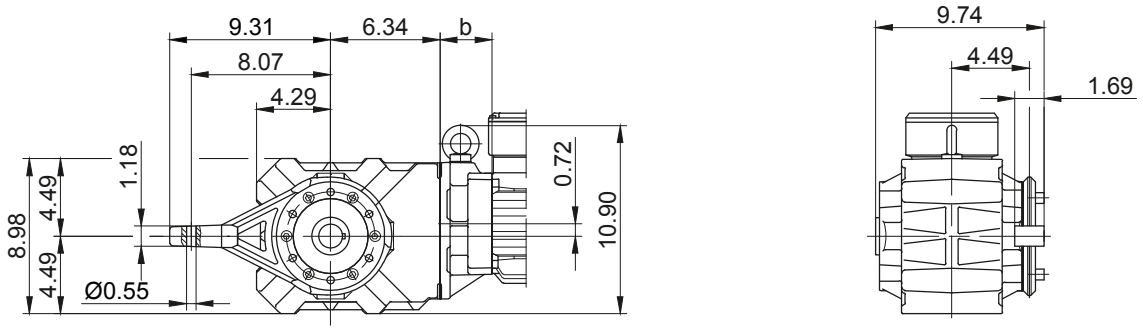
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK30-../D..05.A.	6.72	2.28	4.84	19.63	4,00	4.61	21.28	23.67	25.14	-
BK30Z-../D..05.A.	6.72	5.26	4.84	22.60	4,00	4.61	24.26	26.64	28.11	-
BK30-../D..06.A.	6.70	2.28	4.84	19.62	4,00	4.69	21.27	23.65	25.13	-
BK30Z-../D..06.A.	6.70	5.26	4.84	22.59	4,00	4.69	24.24	26.63	28.10	-
BK30-../D..07.A.	7.49	2.28	4.84	20.41	4,00	4.69	22.06	24.44	25.92	-
BK30Z-../D..07.A.	7.49	5.26	4.84	23.38	4,00	4.69	25.03	27.41	28.89	-
BK30-../D..08.A.	7.85	2.44	6.14	20.93	4.57	5.37	23.52	25.33	27.76	23.52
BK30Z-../D..08.A.	7.85	5.41	6.14	23.90	4.57	5.37	26.50	28.31	30.73	26.50
BK30-../D..08.B.	9.04	2.44	6.14	22.11	4.57	5.37	24.70	26.52	28.92	24.70
BK30Z-../D..08.B.	9.04	5.41	6.14	25.08	4.57	5.37	27.68	29.49	31.89	27.68
BK30-../D..09.A.	9.86	3.01	6.93	23.50	4.94	6.18	27.17	27.74	31.26	27.17
BK30Z-../D..09.A.	9.86	5.98	6.93	26.48	4.94	6.18	30.14	30.71	34.24	30.14
BK30-../D..09.B.	12.15	3.01	6.93	25.79	4.94	6.18	29.45	30.00	33.55	29.45
BK30Z-../D..09.B.	12.15	5.98	6.93	28.76	4.94	6.18	32.42	32.98	36.52	32.42
BK30-../D..11.A.	12.56	3.27	8.58	26.46	6.50	6.93	30.31	30.69	34.33	30.31
BK30-../D..11.B.	15.24	3.27	8.58	29.13	6.50	6.93	32.91	33.37	37.01	32.91
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK30 - BK30Z

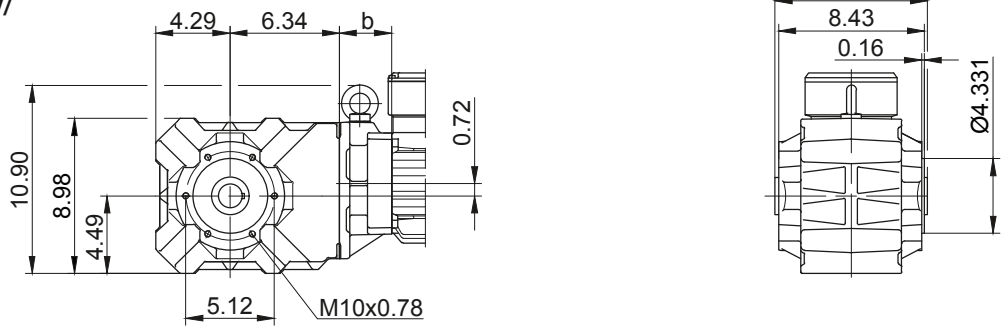
Torque arm at front

Code -5.V/



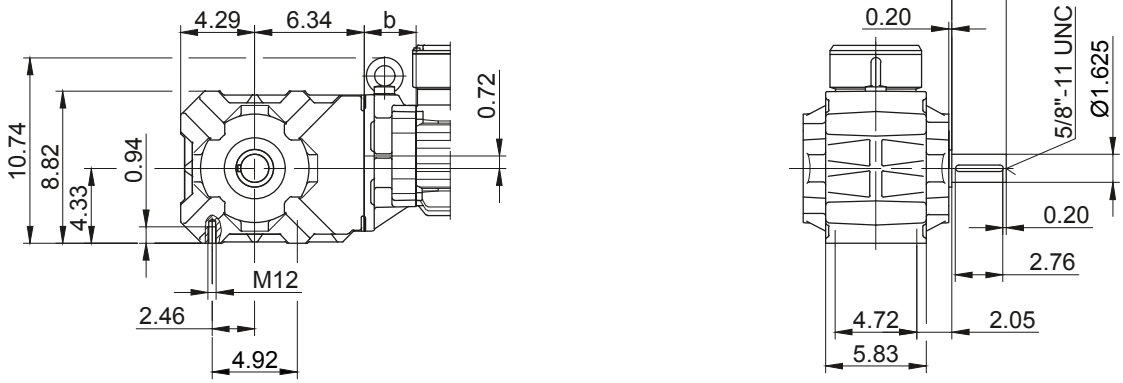
Flange with tapped holes at front

Code -7.V/



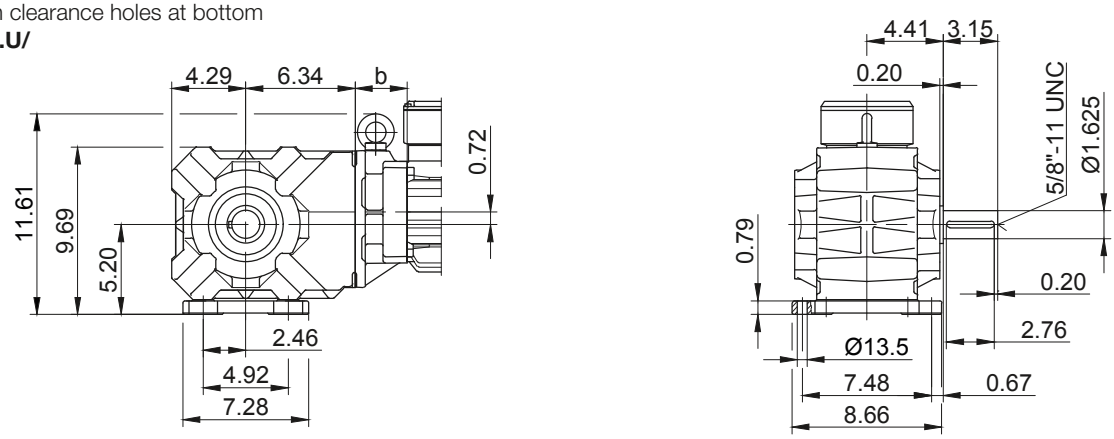
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

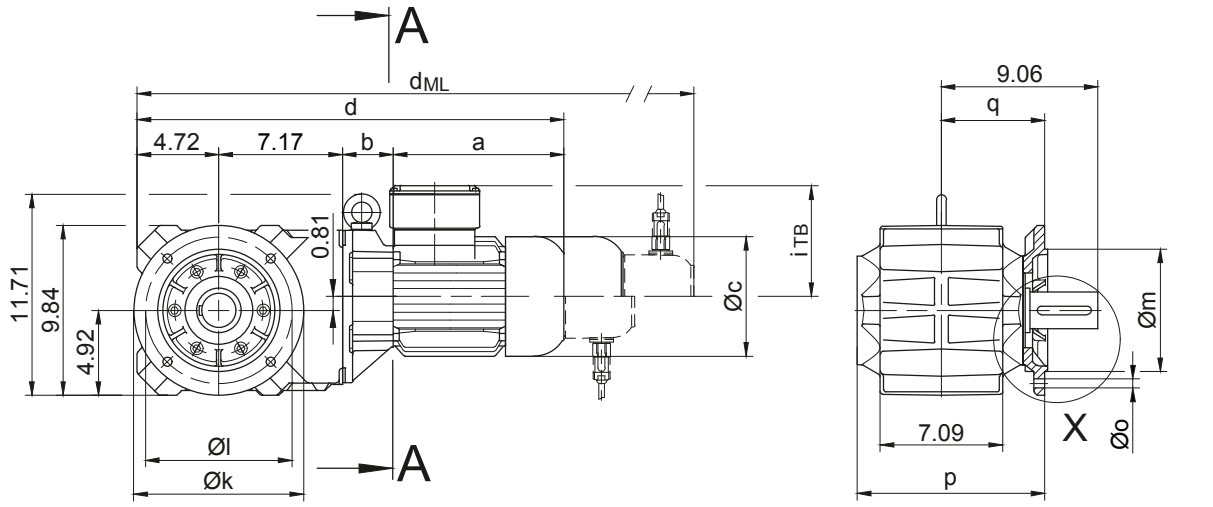
BK-series bevel-geared motors

Dimension - Standard Imperial

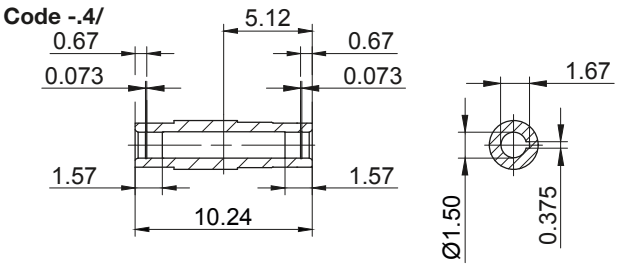
BK40 - BK40Z

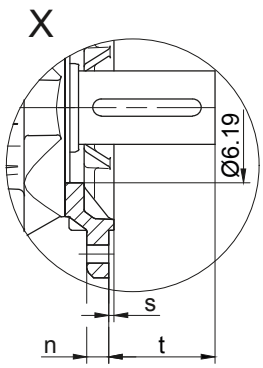
Flange with clearance holes at front

Code -3.V/
(Code -4.V/)

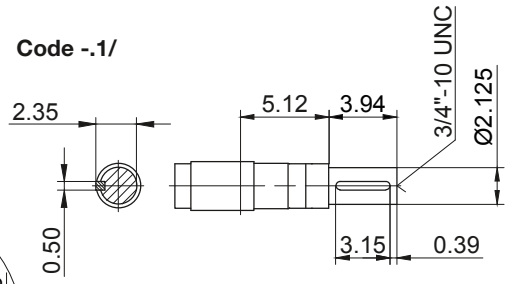


Code -.4/

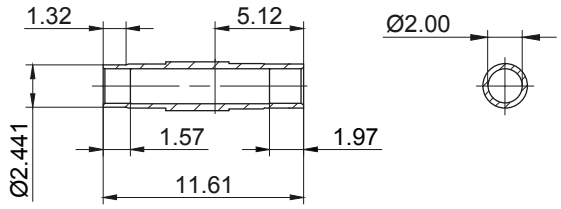


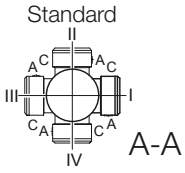


Code -.1/

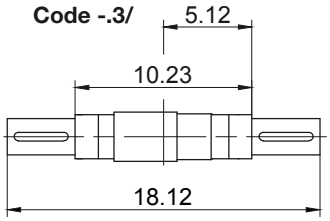


Code -.5/





Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK40..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	10.866	5.984	0.157	3.074
BK40..	Code -4.V/	11.811	10.433	9.055	0.787	0.531	11.102	6.220	0.157	2.838
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

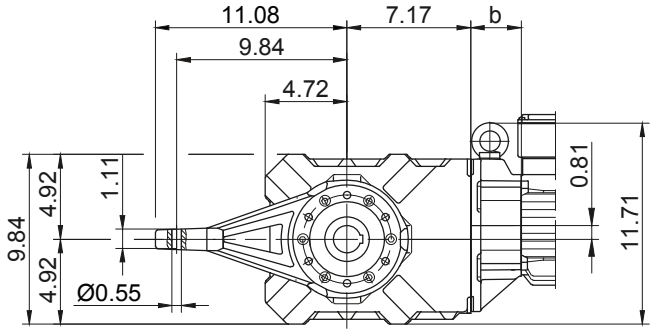
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK40Z-../D..05.A.	6.72	5.45	4.84	24.06	4,00	4.61	25.71	28.09	29.57	-
BK40Z-../D..06.A.	6.70	5.45	4.84	24.05	4,00	4.69	25.70	28.08	29.56	-
BK40Z-../D..07.A.	7.49	5.45	4.84	24.83	4,00	4.69	26.49	28.87	30.35	-
BK40-../D..08.A.	7.85	2.36	6.14	22.11	4.57	5.37	24.70	26.52	28.94	24.70
BK40Z-../D..08.A.	7.85	5.61	6.14	25.35	4.57	5.37	27.95	29.76	32.19	27.95
BK40-../D..08.B.	9.04	2.36	6.14	23.29	4.57	5.37	25.89	27.70	30.10	25.89
BK40Z-../D..08.B.	9.04	5.61	6.14	26.54	4.57	5.37	29.13	30.94	33.35	29.13
BK40-../D..09.A.	9.86	2.93	6.93	24.69	4.94	6.18	28.35	28.92	32.44	28.35
BK40Z-../D..09.A.	9.86	6.18	6.93	27.93	4.94	6.18	31.59	32.17	35.69	31.59
BK40-../D..09.B.	12.15	2.93	6.93	26.97	4.94	6.18	30.63	31.19	34.73	30.63
BK40Z-../D..09.B.	12.15	6.18	6.93	30.22	4.94	6.18	33.88	34.43	37.98	33.88
BK40-../D..11.A.	12.56	3.19	8.58	27.64	6.50	6.93	31.50	31.87	35.52	31.50
BK40-../D..11.B.	15.24	3.19	8.58	30.31	6.50	6.93	34.09	34.55	38.19	34.09
Dimensions in inch										

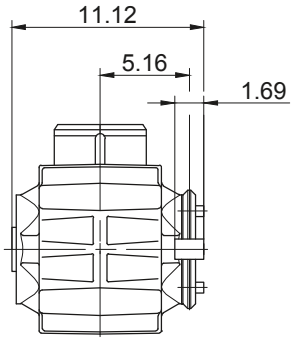
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK40 - BK40Z

Torque arm at front

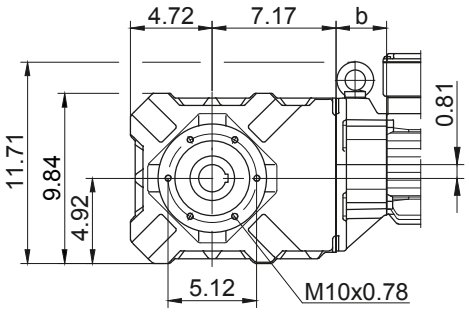
Code -5.V/

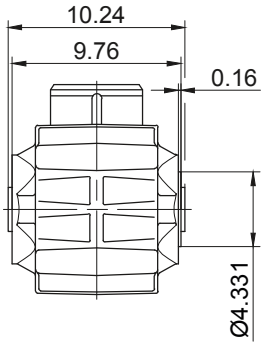




Flange with tapped holes at front

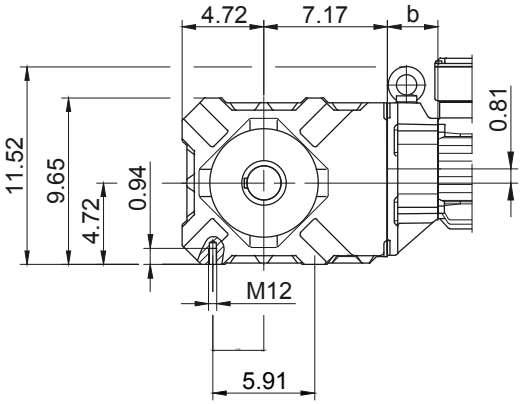
Code -7.V/

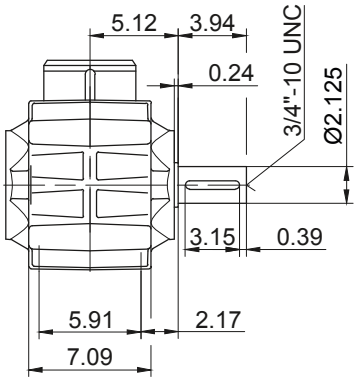




Foot with tapped holes at bottom

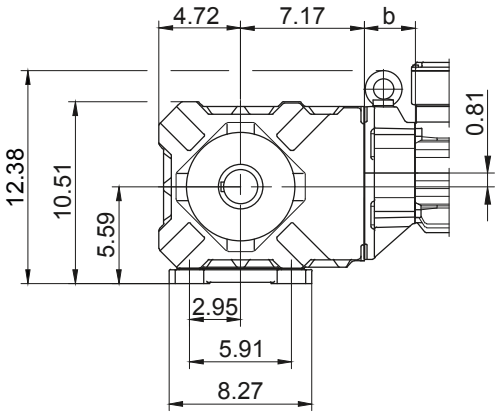
Code -6.U/

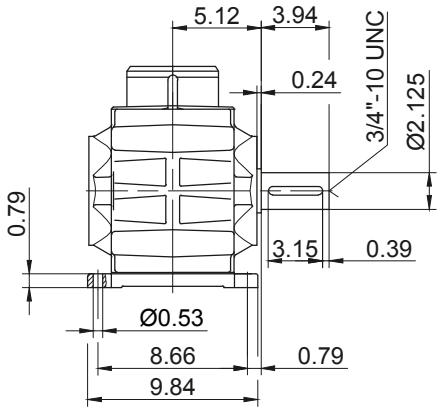




Foot with clearance holes at bottom

Code -1.U/





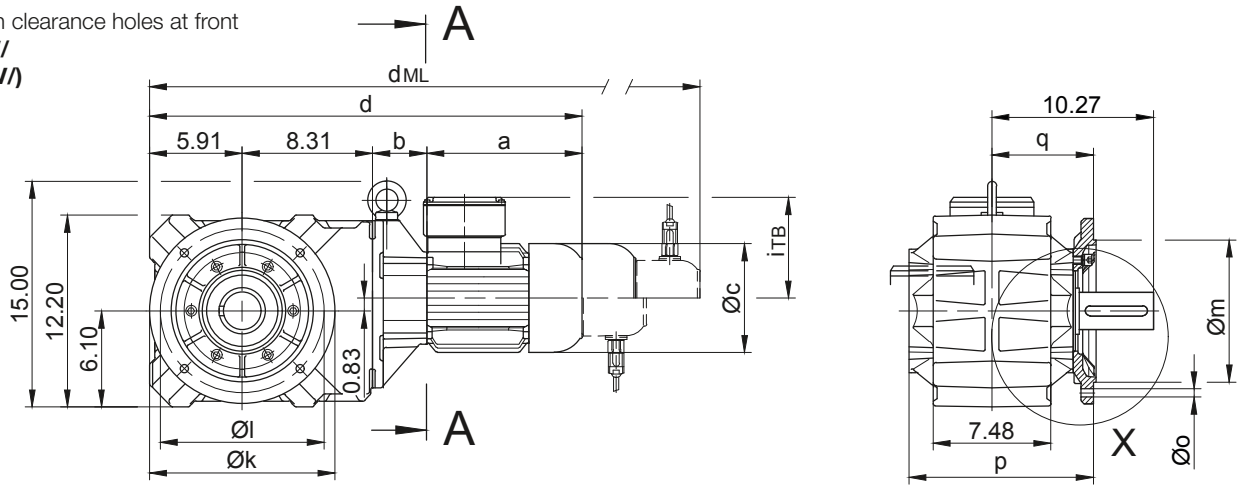
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

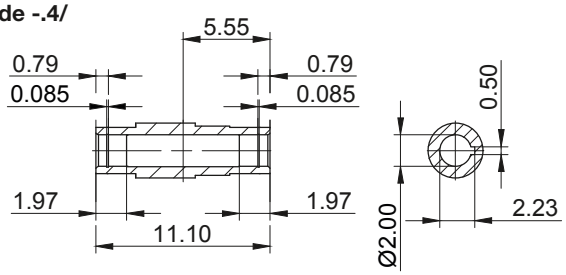
Dimension - Standard Imperial

BK50 - BK50Z

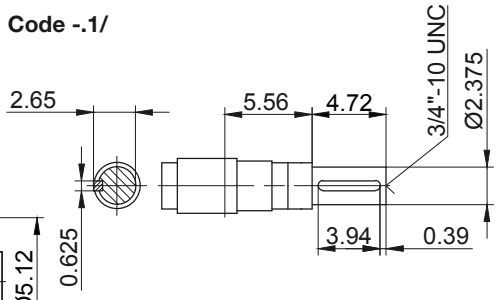
Flange with clearance holes at front
Code -3.V/
(Code -2.V/)

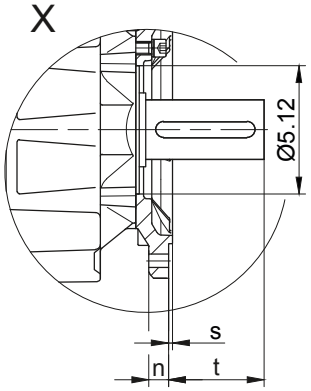


Code -.4/

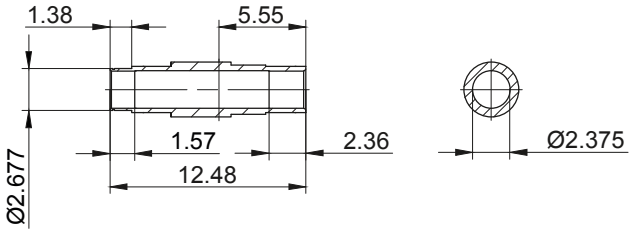


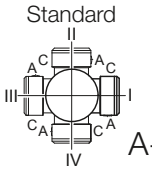
Code -.1/



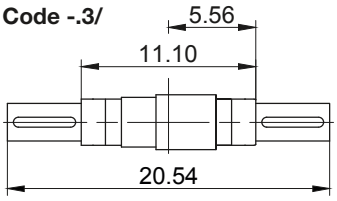


Code -.5/





Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK50..	Code -3.V/	11.811	10.433	9.055	0.787	0.531	11.772	6.457	0.157	3.814
BK50..	Code -2.V/	9.843	8.465	7.087	0.630	0.531	11.654	6.339	0.157	3.933
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

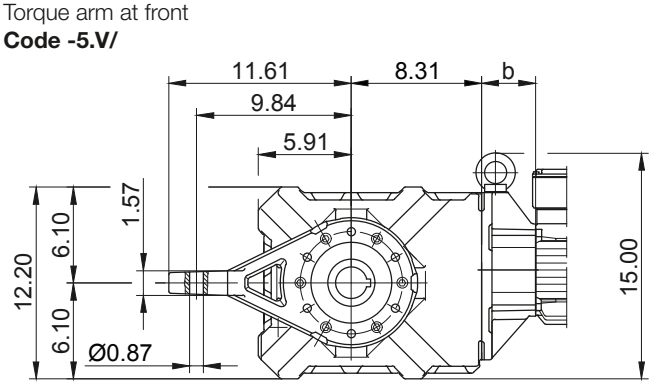
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK50Z-../D..05.A.	6.72	6.10	4.84	27.03	4,00	4.61	28.69	31.07	32.54	-
BK50Z-../D..06.A.	6.70	6.10	4.84	27.02	4,00	4.69	28.67	31.06	32.53	-
BK50Z-../D..07.A.	7.49	6.10	4.84	27.81	4,00	4.69	29.46	31.84	33.32	-
BK50-../D..08.A.	7.85	2.87	6.14	24.94	4.57	5.37	27.54	29.35	31.77	27.54
BK50Z-../D..08.A.	7.85	6.26	6.14	28.33	4.57	5.37	30.93	32.74	35.16	30.93
BK50-../D..08.B.	9.04	2.87	6.14	26.12	4.57	5.37	28.72	30.53	32.93	28.72
BK50Z-../D..08.B.	9.04	6.26	6.14	29.51	4.57	5.37	32.11	33.92	36.32	32.11
BK50-../D..09.A.	9.86	3.44	6.93	27.52	4.94	6.18	31.18	31.76	35.28	31.18
BK50Z-../D..09.A.	9.86	6.83	6.93	30.91	4.94	6.18	34.57	35.14	38.67	34.57
BK50-../D..09.B.	12.15	3.44	6.93	29.80	4.94	6.18	33.46	34.02	37.56	33.46
BK50Z-../D..09.B.	12.15	6.83	6.93	33.19	4.94	6.18	36.85	37.41	40.95	36.85
BK50-../D..11.A.	12.56	3.70	8.58	30.47	6.50	6.93	34.33	34.71	38.35	34.33
BK50-../D..11.B.	15.24	3.70	8.58	33.15	6.50	6.93	36.93	37.39	41.03	36.93
BK50-../D..13.A.	15.47	4.21	10.16	33.90	8.54	8.54	38.27	38.11	42.25	38.15
BK50-../D..16.B.	17.89	4.76	12.20	36.87	9.57	9.57	42.52	41.09	46.60	42.52
BK50-../D..18.B.	21.34	5.63	13.70	41.18	11.34	11.34	47.07	45.34	51.15	47.07
Dimensions in inch										

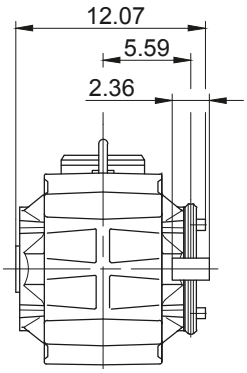
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK50 - BK50Z

Torque arm at front

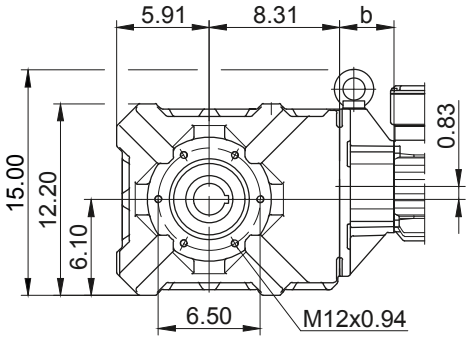
Code -5.V/

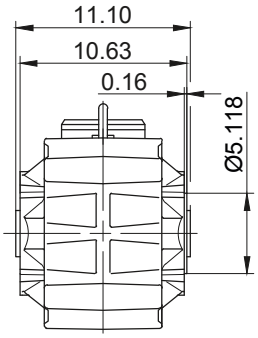




Flange with tapped holes at front

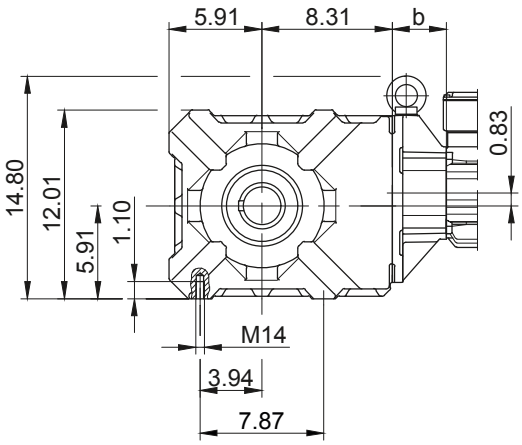
Code -7.V/

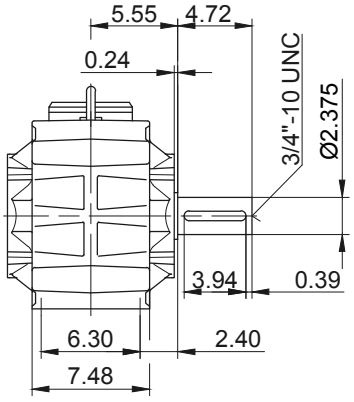




Foot with tapped holes at bottom

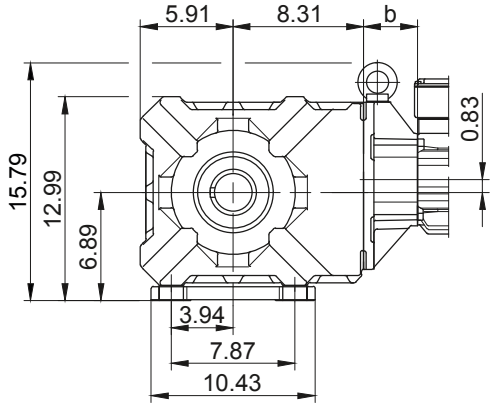
Code -6.U/

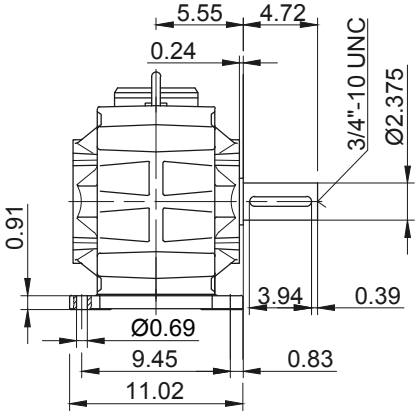




Foot with clearance holes at bottom

Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

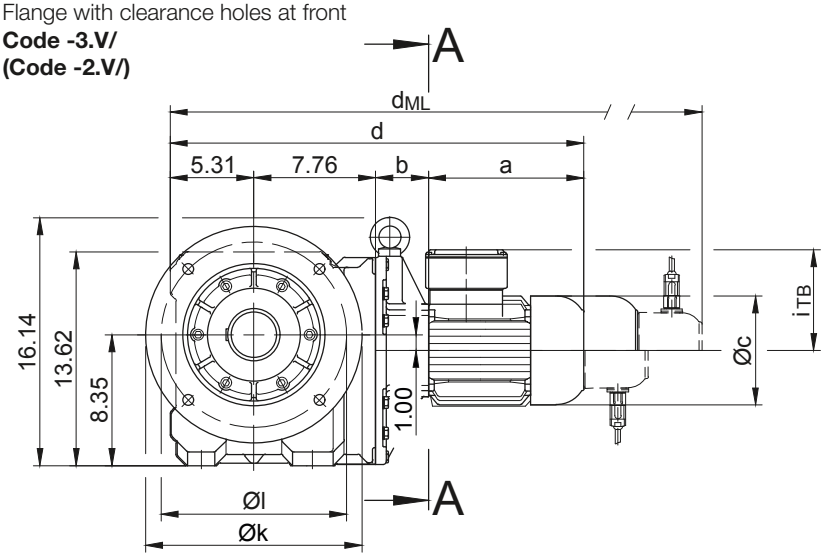
BK-series bevel-geared motors

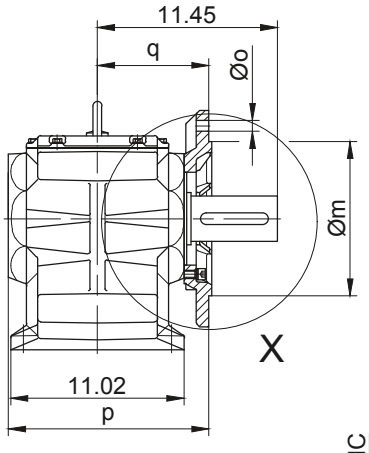
Dimension - Standard Imperial

BK60 - BK60Z

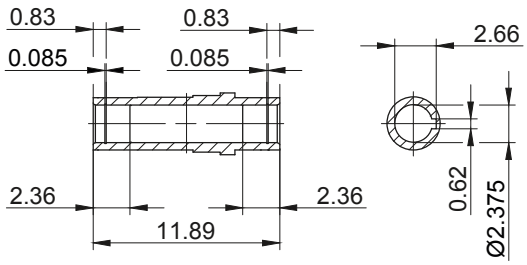
Flange with clearance holes at front

Code -3.V/
(Code -2.V/)

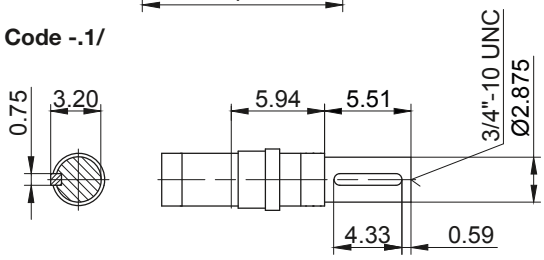


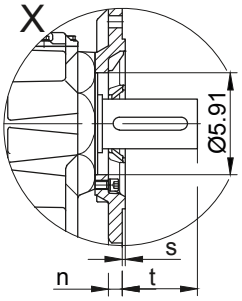


Code -.4/

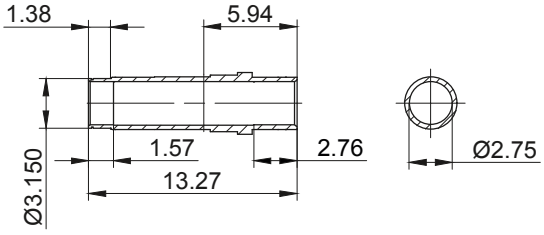


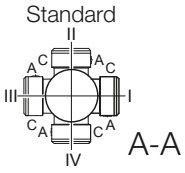
Code -.1/



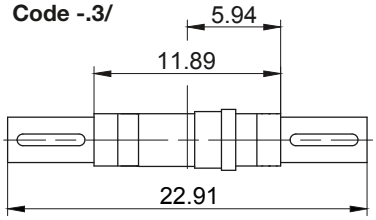


Code -.5/





Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK60..	Code -3.V/	13.780	11.811	9.843	0.787	0.689	12.756	7.087	0.197	4.408
BK60..	Code -2.V/	11.811	10.433	9.055	0.787	0.531	13.071	7.402	0.157	4.053
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

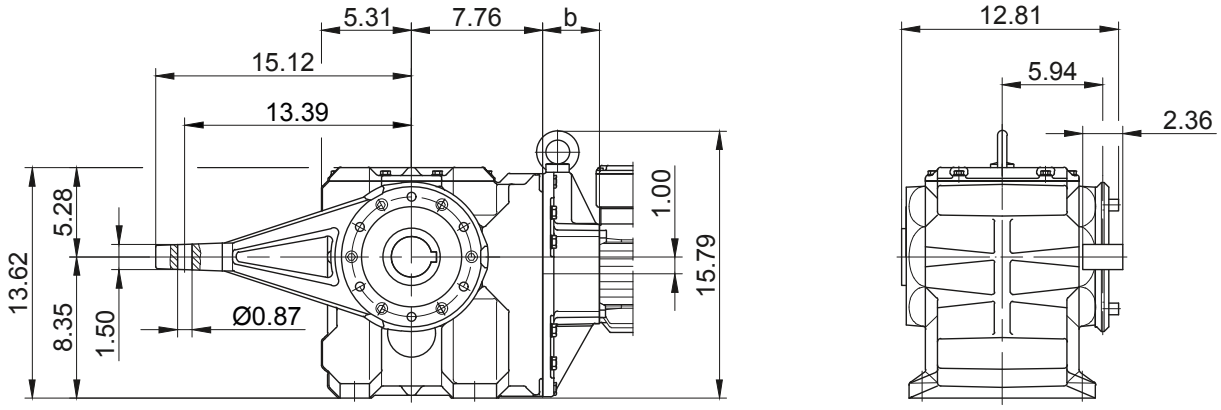
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK60Z-../D..08.A.	7.85	7.13	6.14	28.05	4.57	5.37	30.65	32.46	34.88	30.65
BK60Z-../D..08.B.	9.04	7.13	6.14	29.23	4.57	5.37	31.83	33.64	36.04	31.83
BK60-../D..09.A.	9.86	3.37	6.93	26.30	4.94	6.18	29.96	30.54	34.06	29.96
BK60Z-../D..09.A.	9.86	7.70	6.93	30.63	4.94	6.18	34.29	34.87	38.39	34.29
BK60-../D..09.B.	12.15	3.37	6.93	28.58	4.94	6.18	32.24	32.80	36.34	32.24
BK60Z-../D..09.B.	12.15	7.70	6.93	32.91	4.94	6.18	36.57	37.13	40.67	36.57
BK60-../D..11.A.	12.56	3.62	8.58	29.25	6.50	6.93	33.11	33.49	37.13	33.11
BK60Z-../D..11.A.	12.56	7.95	8.58	33.58	6.50	6.93	37.44	37.82	41.46	37.44
BK60-../D..11.B.	15.24	3.62	8.58	31.93	6.50	6.93	35.71	36.17	39.81	35.71
BK60Z-../D..11.B.	15.24	7.95	8.58	36.26	6.50	6.93	40.04	40.50	44.14	40.04
BK60-../D..13.A.	15.47	4.13	10.16	32.68	8.54	8.54	37.05	36.89	41.03	36.93
BK60-../D..16.B.	17.89	4.69	12.20	35.65	9.57	9.57	41.30	39.87	45.38	41.30
BK60-../D..18.B.	21.34	5.55	13.70	39.96	11.34	11.34	45.85	44.12	49.93	45.85
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK60 - BK60Z

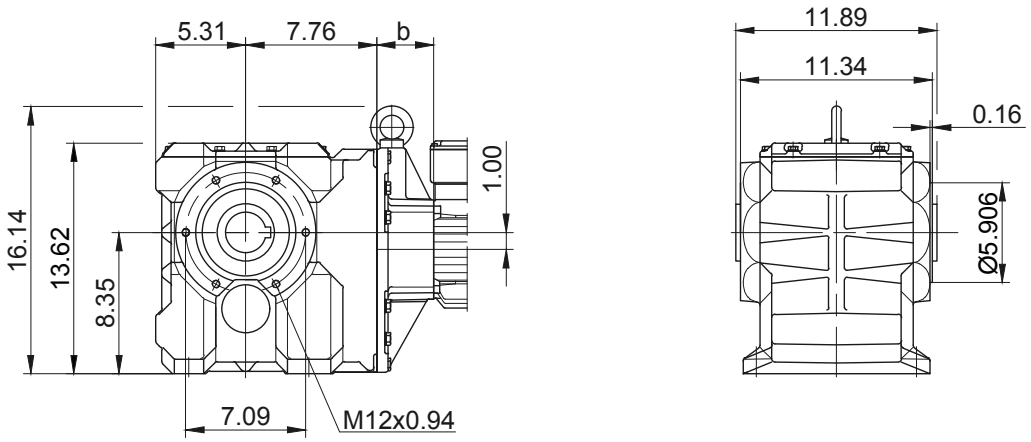
Torque arm at front

Code -5.V/



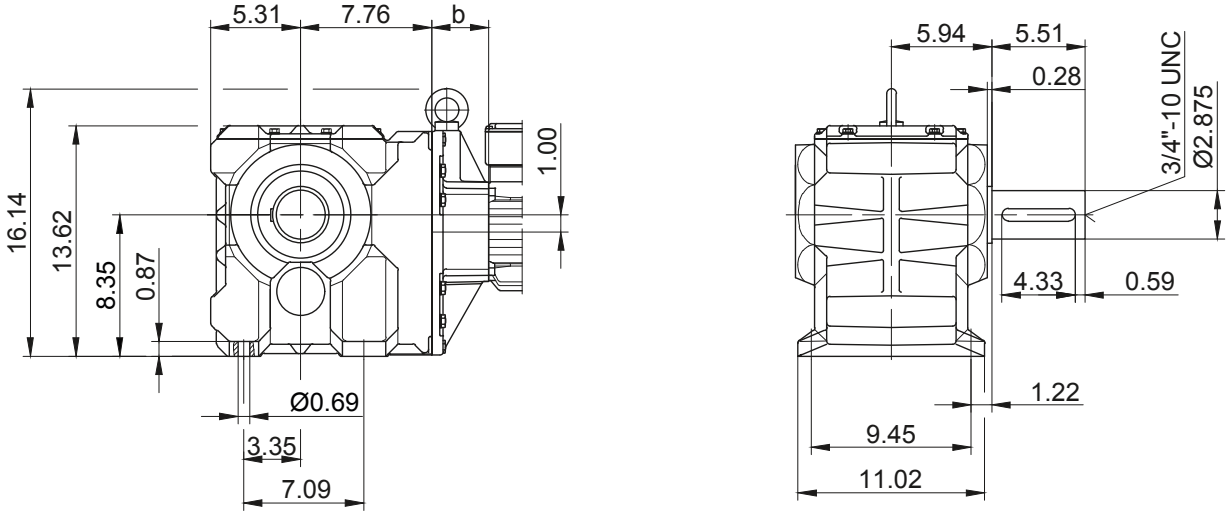
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



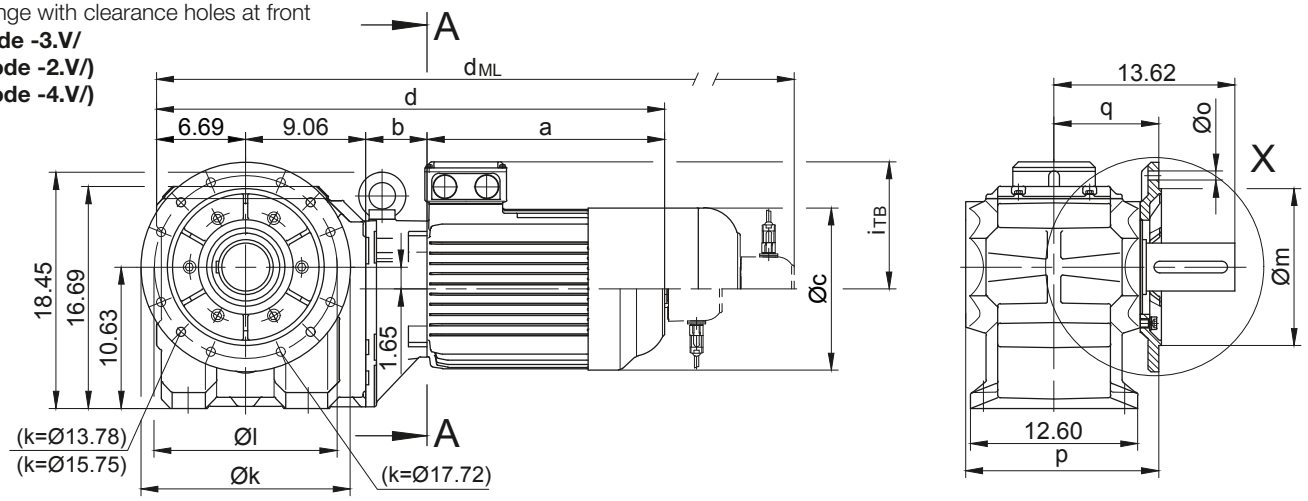
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

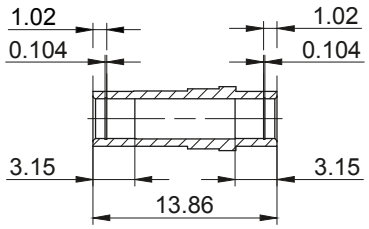
Dimension - Standard Imperial

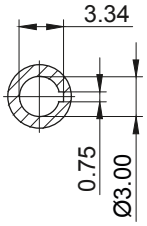
BK70 - BK70Z

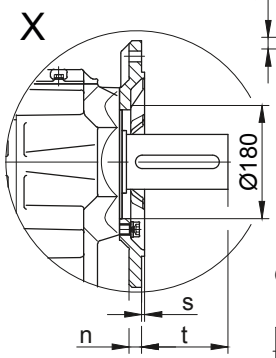
Flange with clearance holes at front
Code -3.V/
(Code -2.V/)
(Code -4.V/)



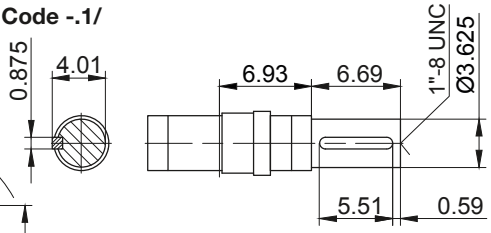
Code -.4/



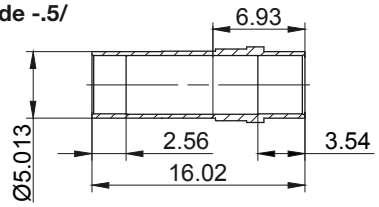


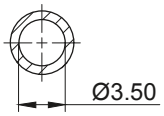


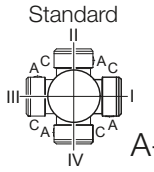
Code -.1/



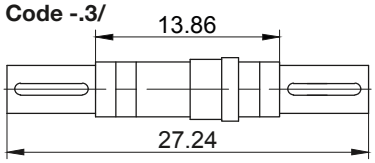
Code -.5/







Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK70..	Code -3.V/	15.748	13.780	11.811	0.787	4 x 0.689	14.528	7.874	0.197	5.784
BK70..	Code -2.V/	13.780	11.811	9.843	0.787	4 x 0.689	14.528	7.874	0.197	5.784
BK70..	Code -4.V/	17.717	15.748	13.780	0.866	8 x 0.689	14.921	8.268	0.197	5.391
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

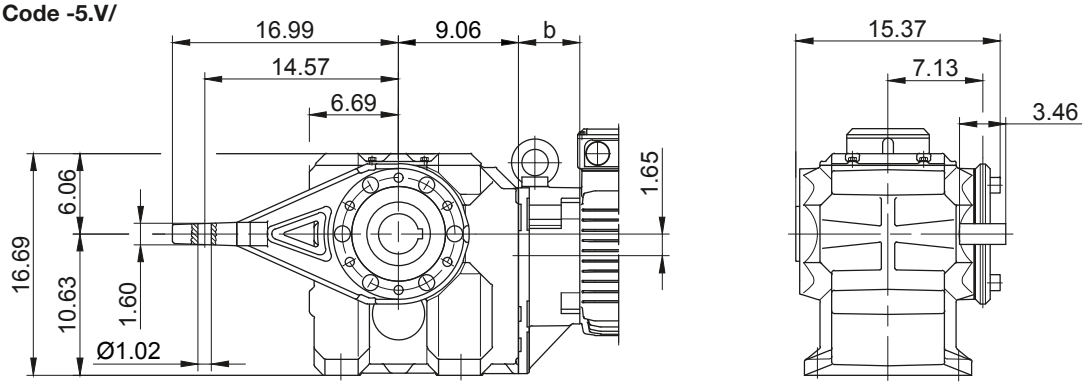
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK70Z-../D..08.A.	7.85	7.95	6.14	31.56	4.57	5.37	34.15	35.96	38.39	34.15
BK70Z-../D..08.B.	9.04	7.95	6.14	32.74	4.57	5.37	35.33	37.15	39.55	35.33
BK70-../D..09.A.	9.86	3.29	6.93	28.90	4.94	6.18	32.56	33.13	36.66	32.56
BK70Z-../D..09.A.	9.86	8.52	6.93	34.13	4.94	6.18	37.80	38.37	41.89	37.80
BK70-../D..09.B.	12.15	3.29	6.93	31.18	4.94	6.18	34.84	35.40	38.94	34.84
BK70Z-../D..09.B.	12.15	8.52	6.93	36.42	4.94	6.18	40.08	40.63	44.18	40.08
BK70-../D..11.A.	12.56	3.54	8.58	31.85	6.50	6.93	35.71	36.09	39.73	35.71
BK70Z-../D..11.A.	12.56	8.78	8.58	37.09	6.50	6.93	40.94	41.32	44.96	40.94
BK70-../D..11.B.	15.24	3.54	8.58	34.53	6.50	6.93	38.31	38.76	42.41	38.31
BK70Z-../D..11.B.	15.24	8.78	8.58	39.76	6.50	6.93	43.54	44.00	47.64	43.54
BK70-../D..13.A.	15.47	4.06	10.16	35.28	8.54	8.54	39.65	39.49	43.63	39.53
BK70Z-../D..13.A.	15.47	9.29	10.16	40.51	8.54	8.54	44.88	44.73	48.86	44.76
BK70-../D..16.B.	17.89	4.61	12.20	38.25	9.57	9.57	43.90	42.46	47.98	43.90
BK70Z-../D..16.B.	17.89	9.84	12.20	43.48	9.57	9.57	49.13	47.70	53.21	49.13
BK70-../D..18.B.	21.34	5.47	13.70	42.56	11.34	11.34	48.44	46.72	52.52	48.44
BK70Z-../D..18.B.	21.34	10.71	13.70	47.80	11.34	11.34	53.68	51.95	57.76	53.68
BK70-../D..20.A.	27.70	6.14	14.29	49.59	11.89	11.89	54.61	53.74	58.76	49.59
BK70-../D..22.A.	27.70	6.14	14.29	49.59	11.89	11.89	54.61	53.74	58.76	49.59
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK70 - BK70Z

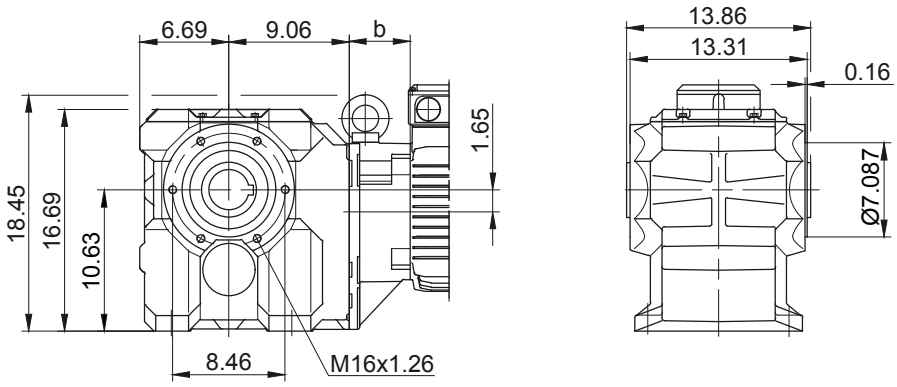
Torque arm at front

Code -5.V/



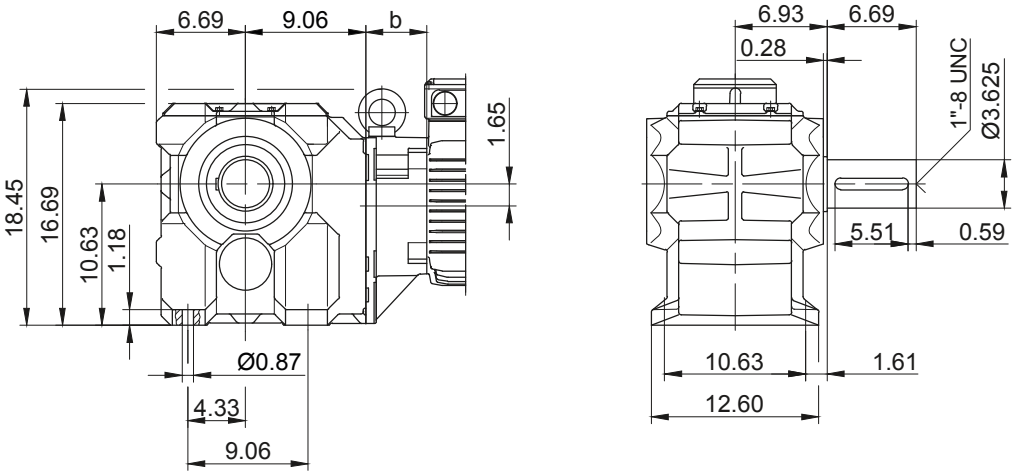
Flange with tapped holes at front

Code -7.V/

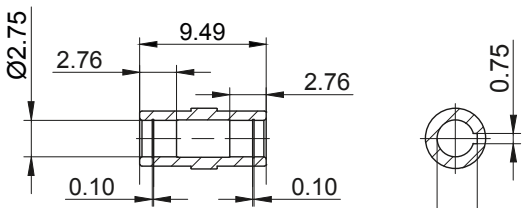


Foot with clearance holes at bottom

Code -1.U/



Code -.4/K70



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

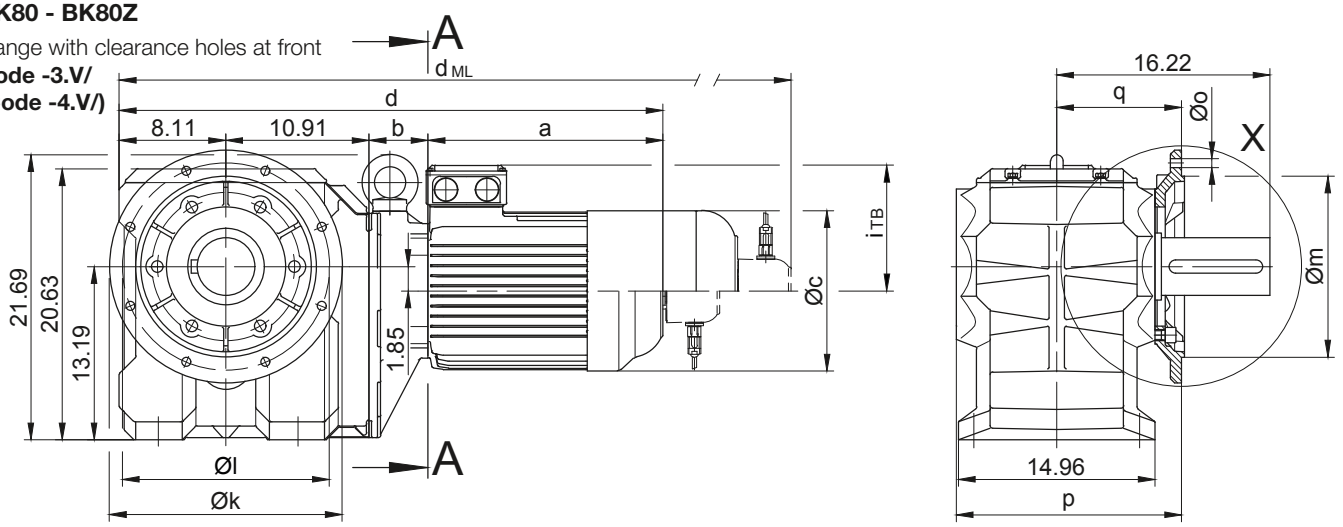
BK-series bevel-geared motors

Dimension - Standard Imperial

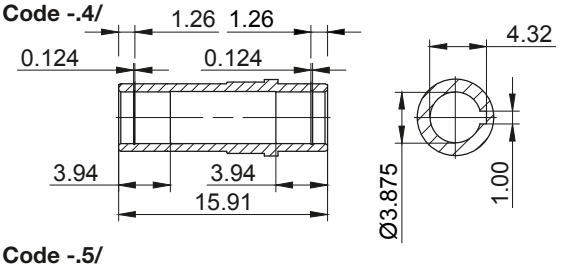
BK80 - BK80Z

Flange with clearance holes at front

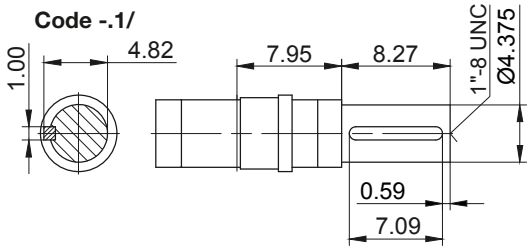
Code -3.V/
(Code -4.V/)



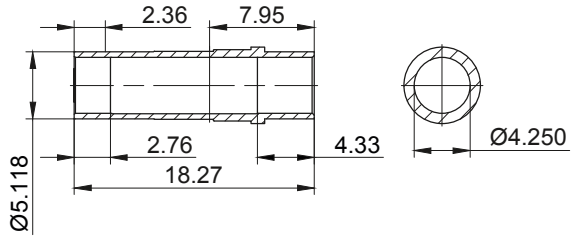
Code -.4/



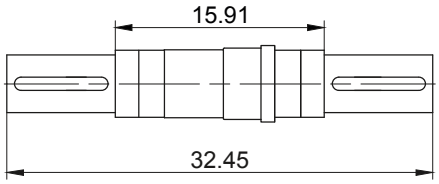
Code -.1/



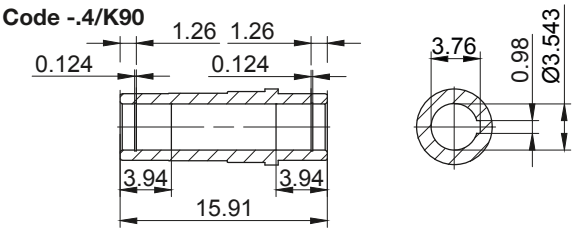
Code -.5/

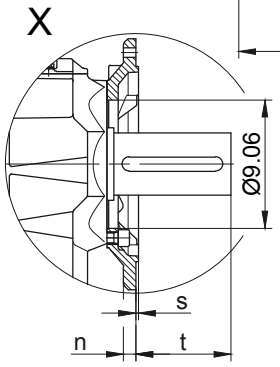


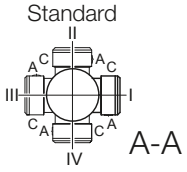
Code -.3/



Code -.4/K90







Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK80..	Code -3.V/	17.717	15.748	13.780	0.866	0.689	17.283	9.646	0.197	6.616
BK80..	Code -4.V/	21.654	19.685	17.717	0.866	0.689	17.480	9.843	0.197	6.420
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

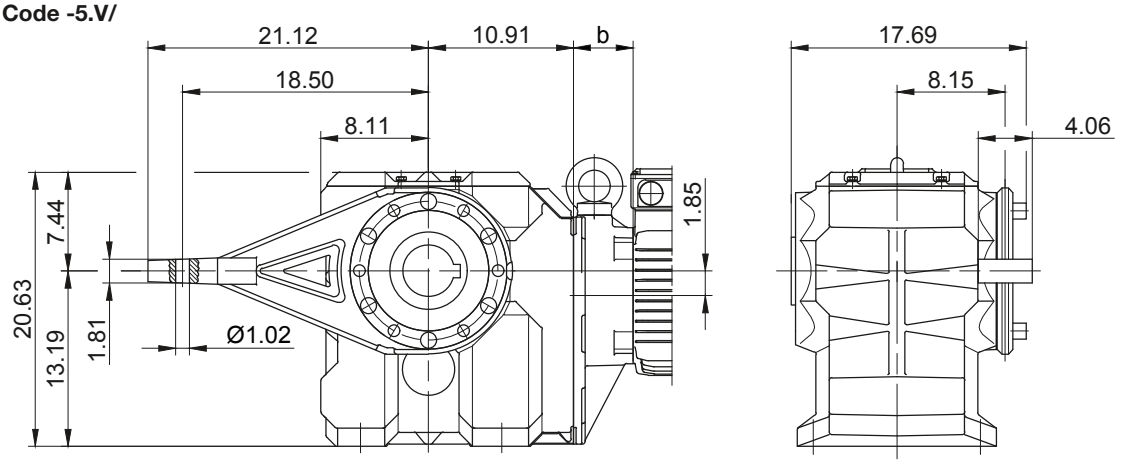
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK80Z-../D..09.A.	9.86	9.94	6.93	38.82	4.94	6.18	42.48	43.06	46.58	42.48
BK80Z-../D..09.B.	12.15	9.94	6.93	41.10	4.94	6.18	44.76	45.32	48.86	44.76
BK80-../D..11.A.	12.56	3.43	8.58	35.00	6.50	6.93	38.86	39.24	42.88	38.86
BK80Z-../D..11.A.	12.56	10.20	8.58	41.77	6.50	6.93	38.86	46.01	49.65	45.63
BK80-../D..11.B.	15.24	3.43	8.58	37.68	6.50	6.93	41.46	41.91	45.56	41.46
BK80Z-../D..11.B.	15.24	10.20	8.58	44.45	6.50	6.93	48.23	48.69	52.33	48.23
BK80-../D..13.A.	15.47	3.94	10.16	38.43	8.54	8.54	42.80	42.64	46.78	42.68
BK80Z-../D..13.A.	15.47	10.71	10.16	45.20	8.54	8.54	49.57	49.41	53.55	49.45
BK80-../D..16.B.	17.89	4.49	12.20	41.40	9.57	9.57	47.05	45.61	51.13	47.05
BK80Z-../D..16.B.	17.89	11.26	12.20	48.17	9.57	9.57	53.82	52.39	57.90	53.82
BK80-../D..18.B.	21.34	5.35	13.70	45.71	11.34	11.34	47.91	49.87	55.67	51.59
BK80Z-../D..18.B.	21.34	12.13	13.70	52.48	11.34	11.34	54.69	56.64	62.44	58.37
BK80-../D..20.A.	27.70	6.02	14.29	52.74	11.89	11.89	57.76	56.89	61.91	52.74
BK80-../D..22.A.	27.70	6.02	14.29	52.74	11.89	11.89	57.76	56.89	61.91	52.74
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK80 - BK80Z

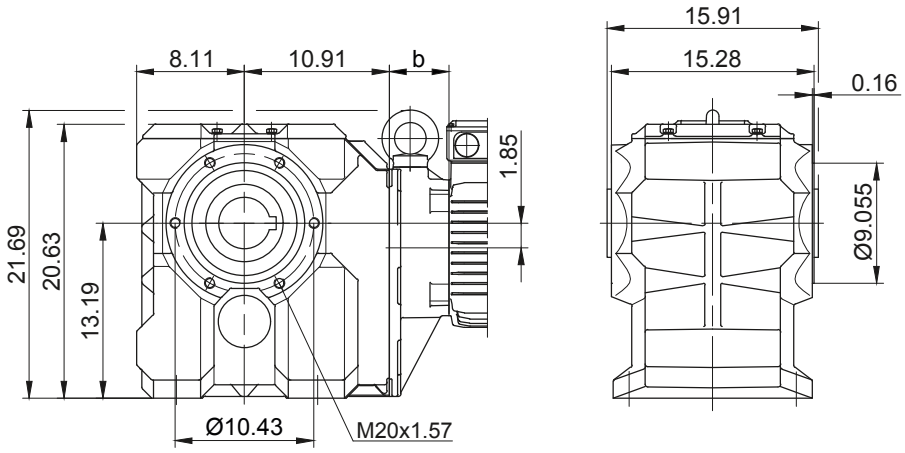
Torque arm at front

Code -5.V/



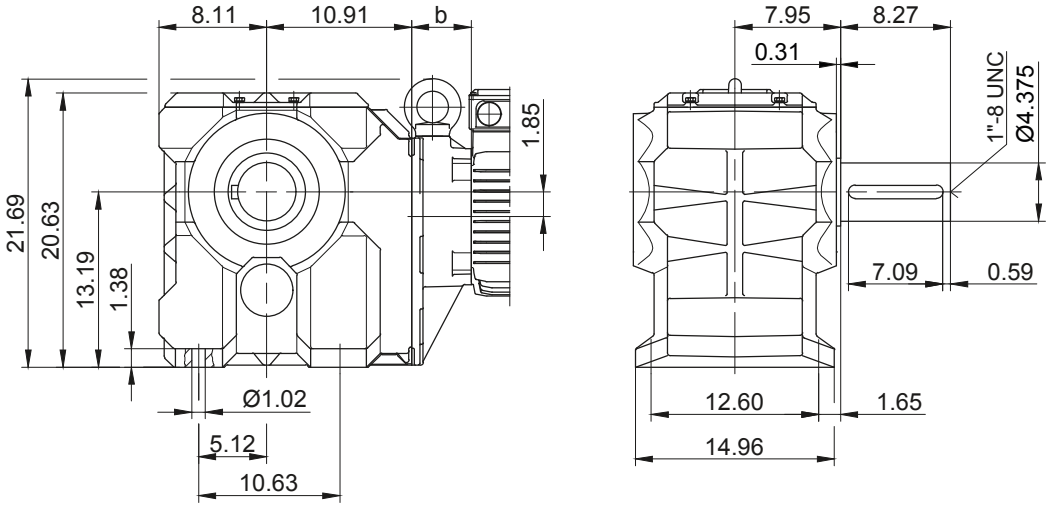
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

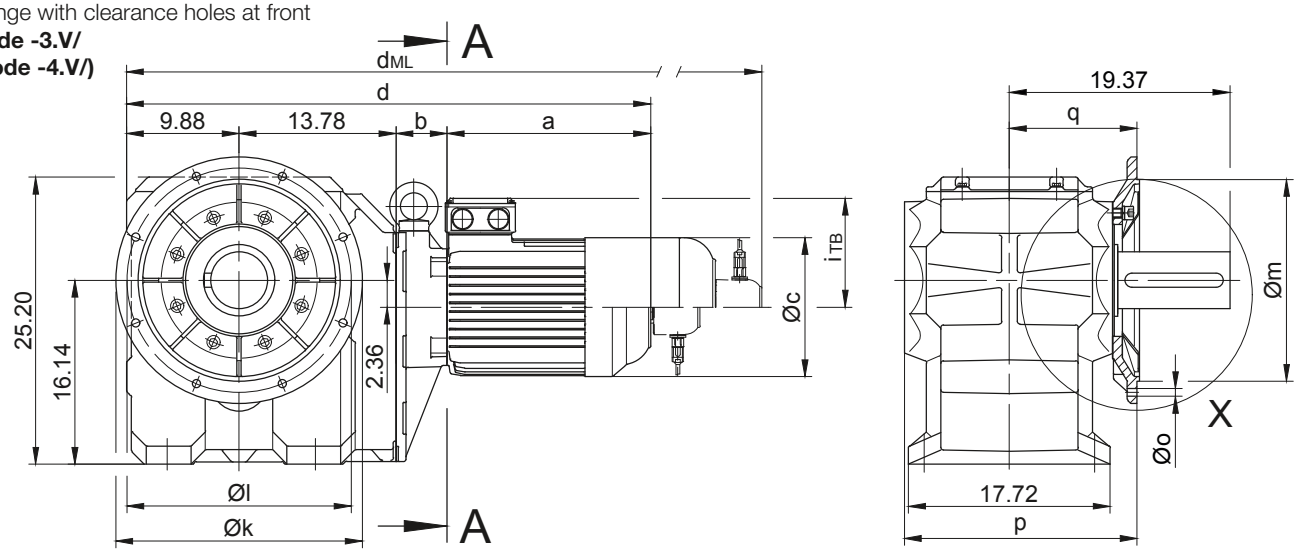
BK-series bevel-geared motors

Dimension - Standard Imperial

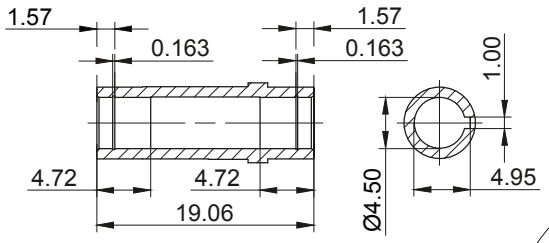
BK90 - BK90Z

Flange with clearance holes at front

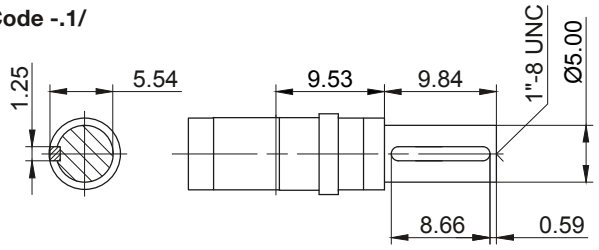
Code -3.V/
(Code -4.V/)

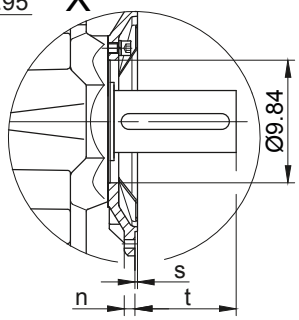


Code -.4/

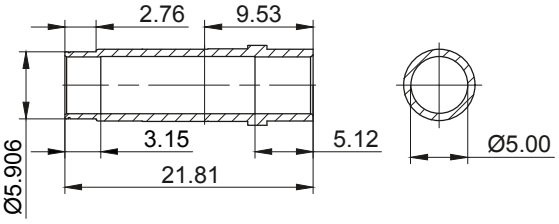


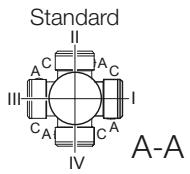
Code -.1/



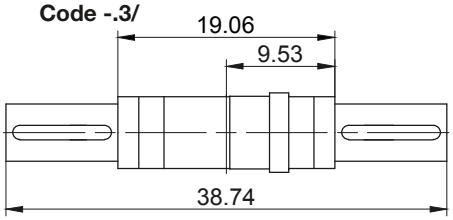


Code -.5/





Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK90..	Code -3.V/	21.654	19.685	17.717	0.866	0.689	20.433	11.220	0.197	8.186
BK90..	Code -4.V/	25.984	23.622	21.654	0.984	0.866	20.197	10.984	0.236	8.462
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

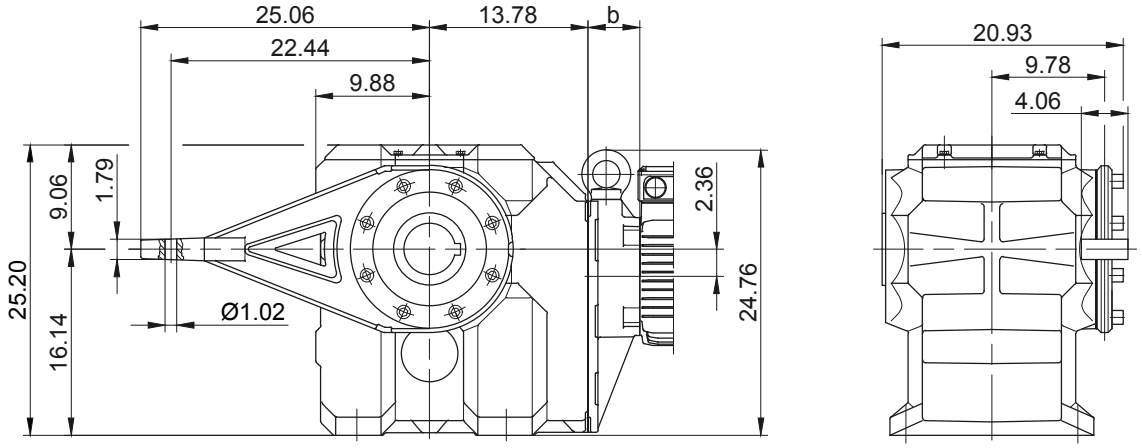
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK90Z-../D..09.A.	9.86	10.51	6.93	44.04	4.94	6.18	47.70	48.27	51.80	47.70
BK90Z-../D..09.B.	12.15	10.51	6.93	46.32	4.94	6.18	49.98	50.54	54.08	49.98
BK90Z-../D..11.A.	12.56	10.77	8.58	46.99	6.50	6.93	50.85	51.22	54.87	50.85
BK90Z-../D..11.B.	15.24	10.77	8.58	49.67	6.50	6.93	53.44	53.90	57.54	53.44
BK90-../D..13.A.	15.47	3.94	10.16	43.07	8.54	8.54	47.44	47.29	51.42	47.32
BK90Z-../D..13.A.	15.47	11.28	10.16	50.41	8.54	8.54	54.78	54.63	58.76	54.67
BK90-../D..16.B.	17.89	4.49	12.20	46.04	9.57	9.57	51.69	50.26	55.77	51.69
BK90Z-../D..16.B.	17.89	11.83	12.20	53.39	9.57	9.57	59.04	57.60	63.11	59.04
BK90-../D..18.B.	21.34	5.35	13.70	50.35	11.34	11.34	56.24	54.51	60.32	56.24
BK90Z-../D..18.B.	21.34	12.70	13.70	57.70	11.34	11.34	63.58	61.85	67.66	63.58
BK90-../D..20.A.	27.70	6.02	14.29	57.38	11.89	11.89	62.40	61.54	66.56	57.38
BK90-../D..22.A.	27.70	6.02	14.29	57.38	11.89	11.89	62.40	61.54	66.56	57.38
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK90 - BK90Z

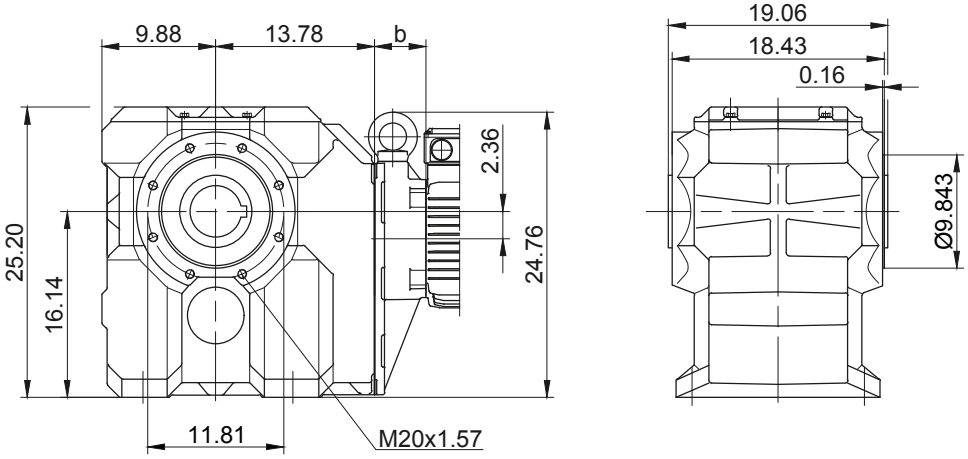
Torque arm at front

Code -5.V/



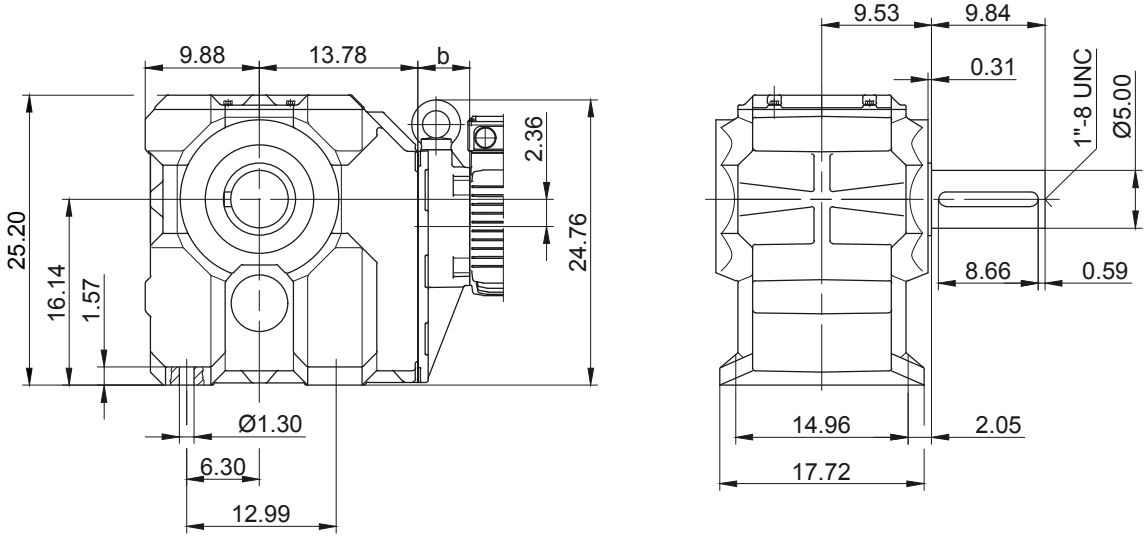
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



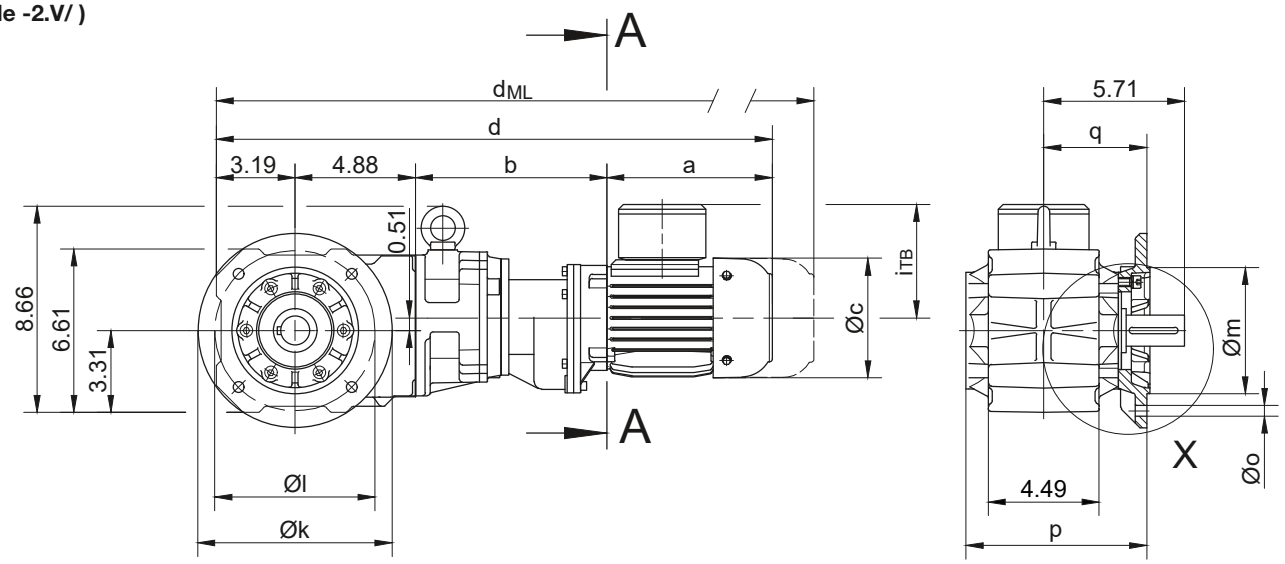
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

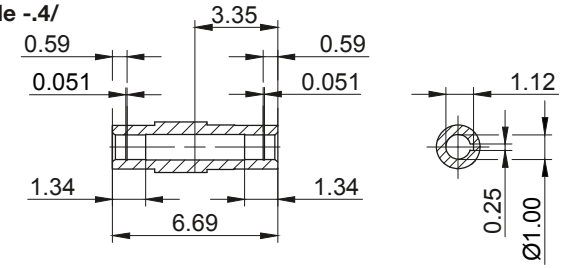
Dimension -Tandem Gearbox Imperial

BK10G06

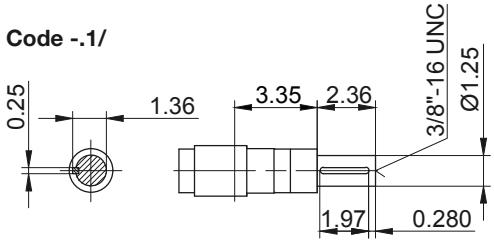
Flange with clearance holes at front
Code -3.V/
(Code -2.V/)

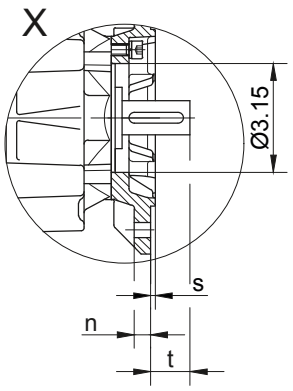


Code -.4/

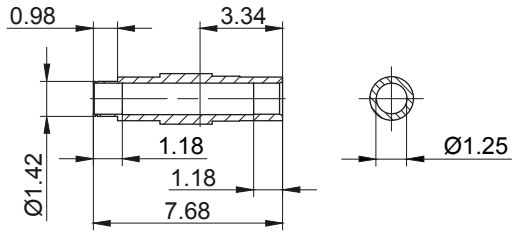


Code -.1/

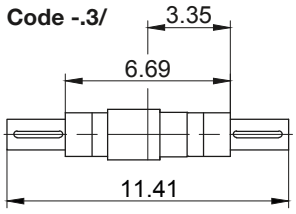


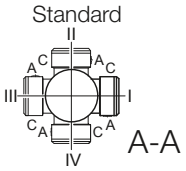


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK10..	Code -3.V/	7.874	6.496	5.118	0.472	0.433	7.343	4.173	0.138	1.533
BK10..	Code -2.V/	6.299	5.118	4.331	0.394	0.354	7.067	3.898	0.138	1.809
Dimensions in inch										

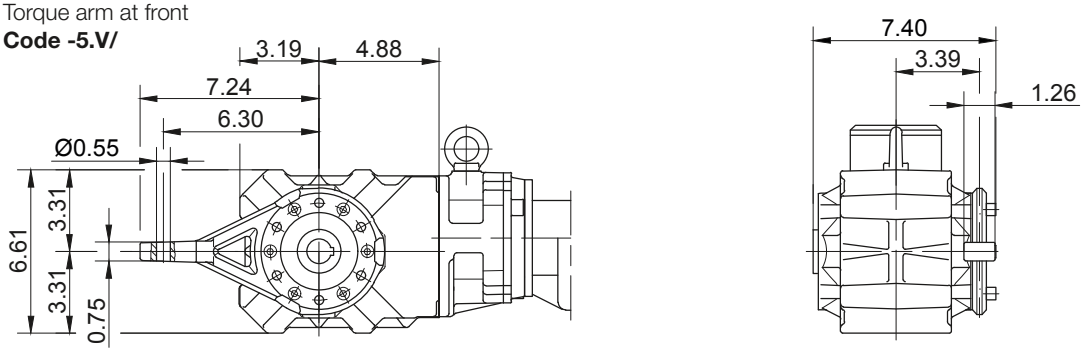
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK10G06-../D04.A.	5.61	7.60	4.35	21.28	3.54	4.41	22.99	24.72	26.43	-
BK10G06-../D..05.A.	6.72	7.68	4.84	22.46	4,00	4.61	24.12	26.50	27.98	-
BK10G06-../D..06.A.	6.70	7.68	4.84	22.45	4,00	4.69	24.11	26.49	27.96	-
BK10G06-../D..07.A.	7.49	7.68	4.84	23.24	4,00	4.69	24.89	27.28	28.75	-
BK10G06-../D..08.A.	7.85	9.41	6.14	25.33	4.57	5.37	27.93	29.74	32.17	27.93
BK10G06-../D..08.B.	9.04	9.41	6.14	26.52	4.57	5.37	29.11	30.93	33.33	29.11
Dimensions in inch										

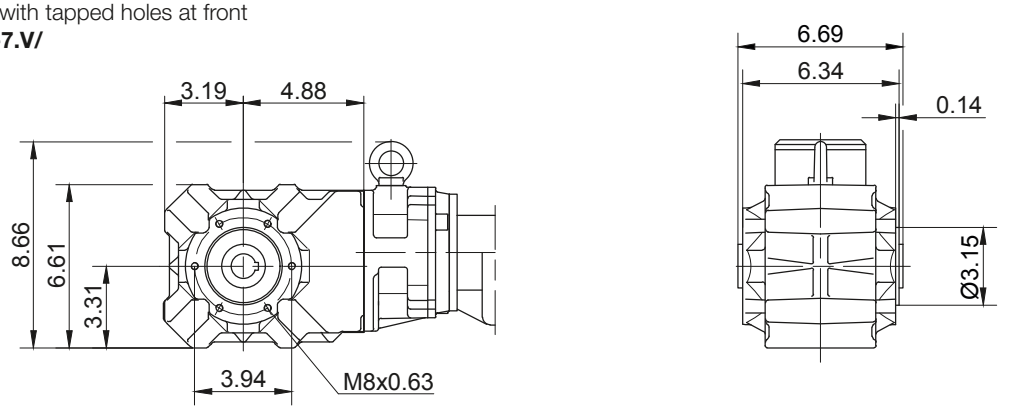
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK10G06

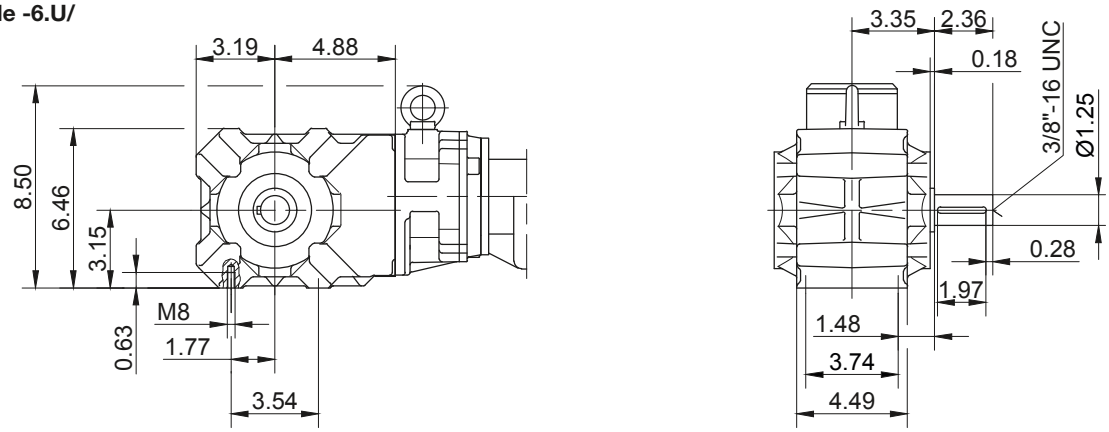
Torque arm at front
Code -5.V/



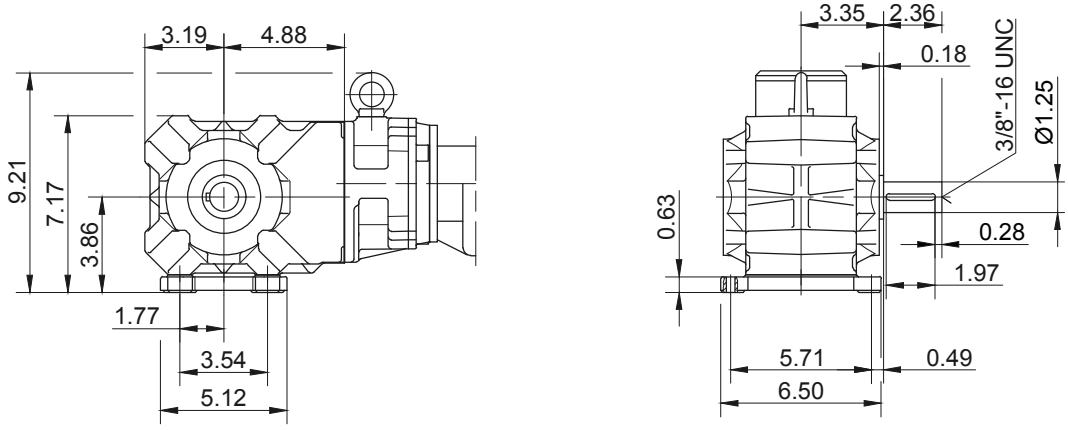
Flange with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



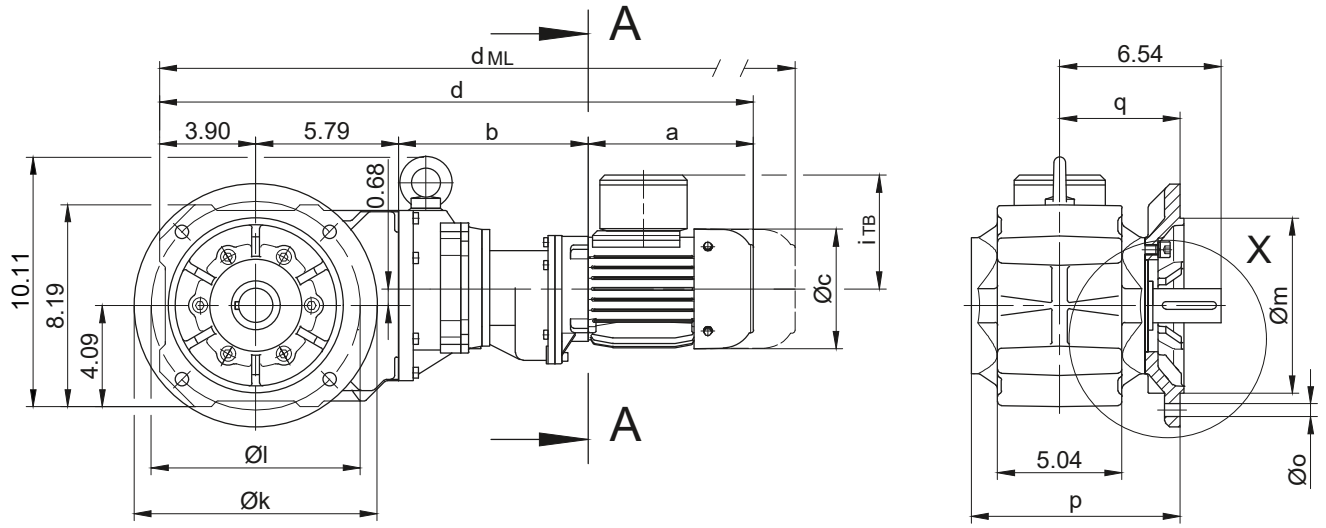
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

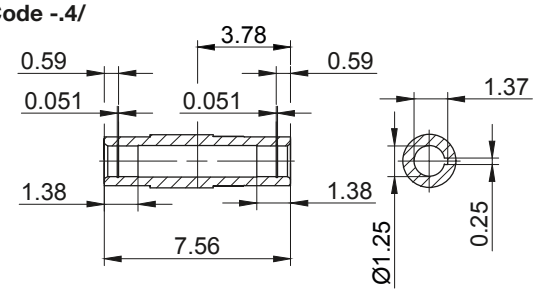
Dimension -Tandem Gearbox Imperial

BK20G06

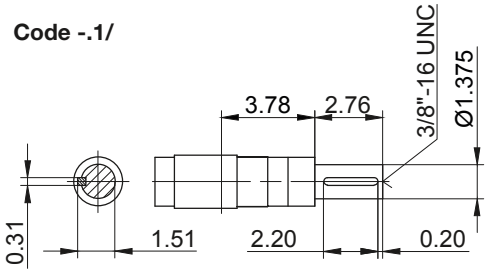
Flange with clearance holes at front
Code -3.V/
(Code -2.V/)



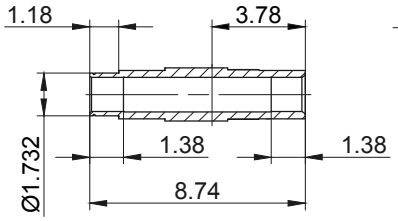
Code -.4/

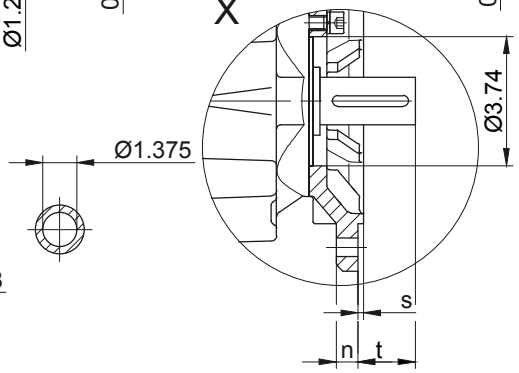


Code -.1/

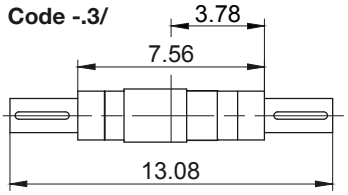


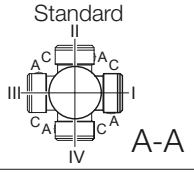
Code -.5/





Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK20..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	8.484	4.882	0.157	1.677
BK20..	Code -2.V/	7.874	6.496	5.118	0.472	0.433	8.130	4.528	0.138	2.012
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

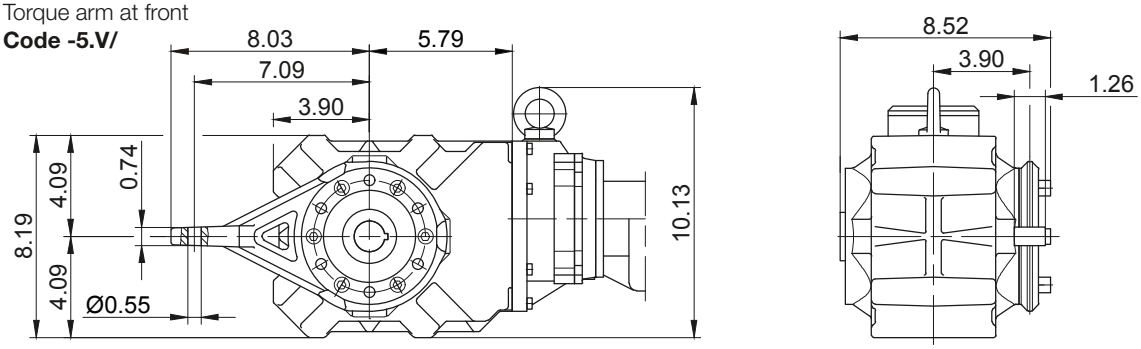
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK20G06-../D04.A.	5.61	7.60	4.35	21.28	3.54	4.41	22.99	24.72	26.43	-
BK20G06-../D..05.A.	6.72	7.68	4.84	22.46	4,00	4.61	24.12	26.50	27.98	-
BK20G06-../D..06.A.	6.70	7.68	4.84	22.45	4,00	4.69	24.11	26.49	27.96	-
BK20G06-../D..07.A.	7.49	7.68	4.84	23.24	4,00	4.69	24.89	27.28	28.75	-
BK20G06-../D..08.A.	7.85	9.41	6.14	25.33	4.57	5.37	27.93	29.74	32.17	27.93
BK20G06-../D..08.B.	9.04	9.41	6.14	26.52	4.57	5.37	29.11	30.93	33.33	29.11
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK20G06

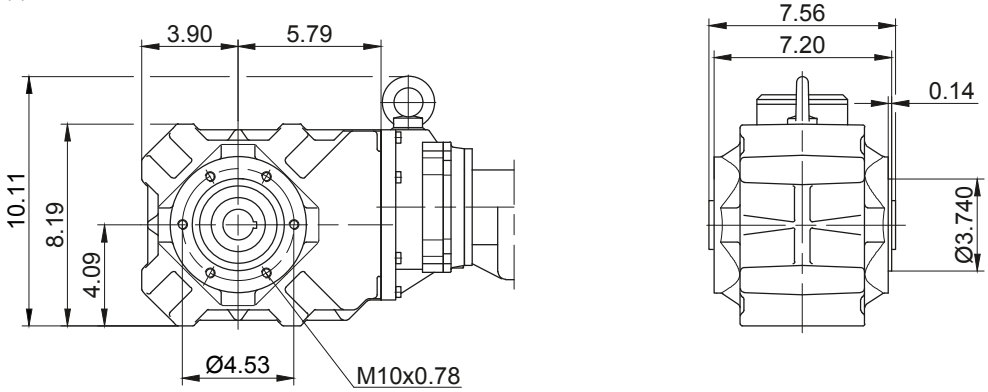
Torque arm at front

Code -5.V/



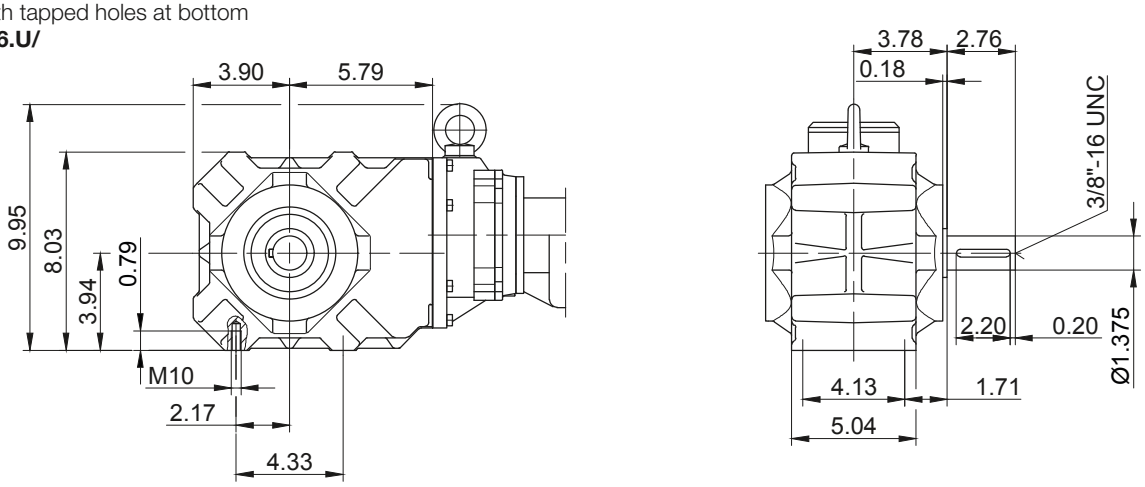
Flange with tapped holes at front

Code -7.V/



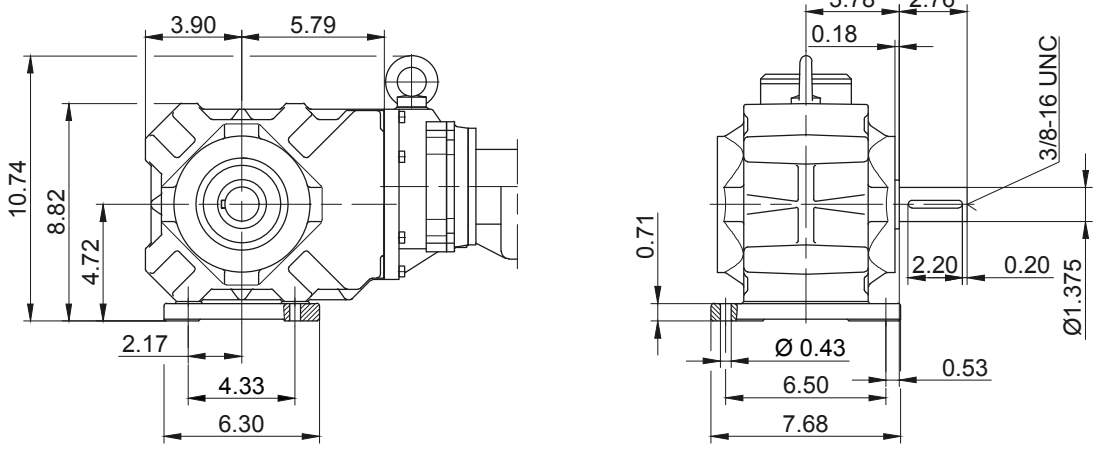
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



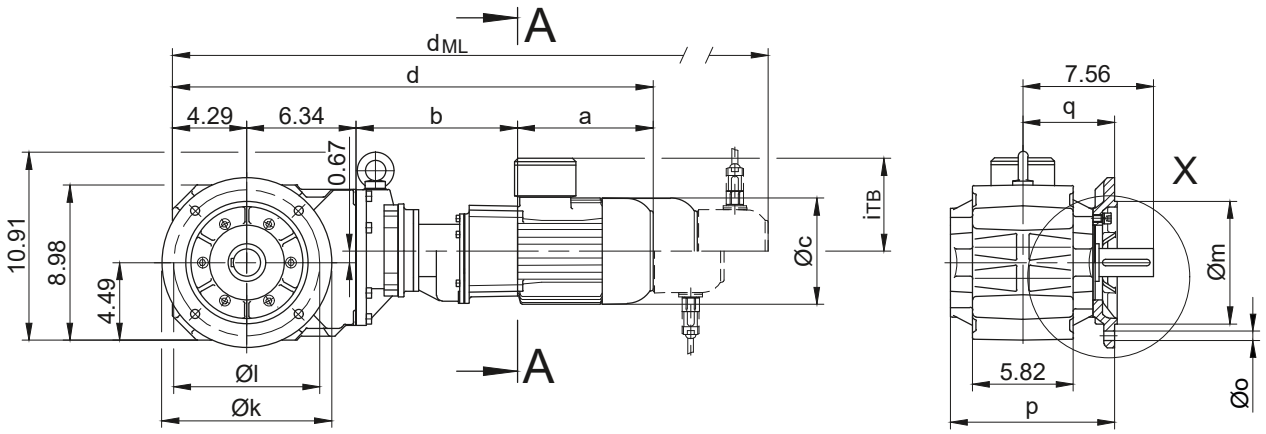
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

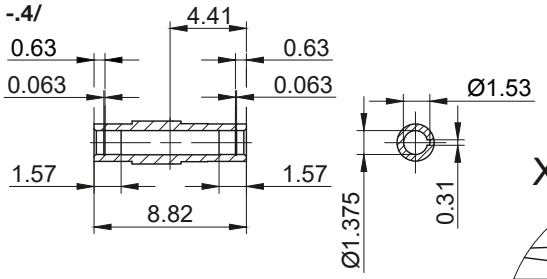
Dimension -Tandem Gearbox Imperial

BK30G06

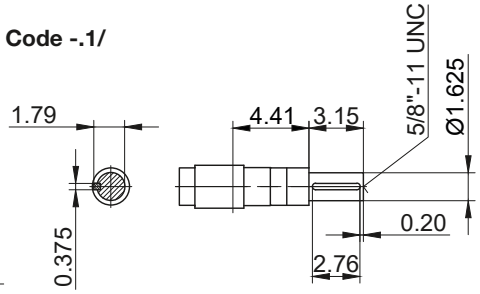
Flange with clearance holes at front
Code -3.V/
(Code -2.V/)

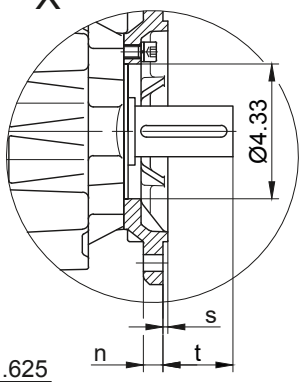


Code -.4/

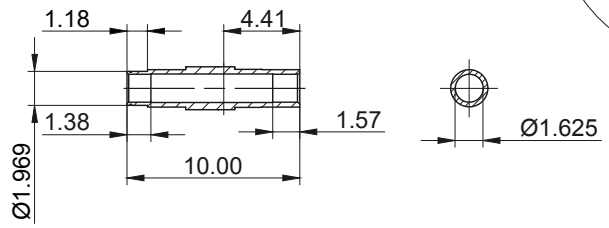


Code -.1/

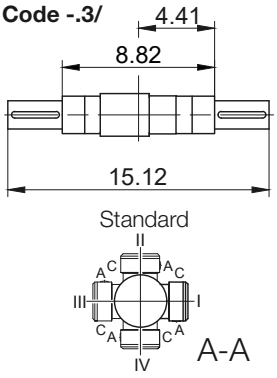




Code -.5/



Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK30..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	9.528	5.315	0.157	2.244
BK30..	Code -2.V/	7.874	6.496	5.118	0.472	0.433	9.409	5.197	0.138	2.343
Dimensions in inch										

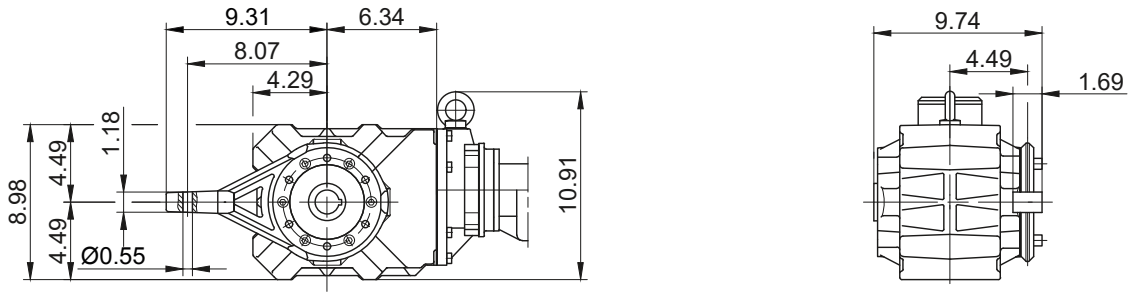
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						iTB	Brake	Encoder	Brake with Encoder	Back Stop
							dML	dML	dML	dML
BK30G06-../D04.A.	5.61	7.52	4.35	23.76	3.54	4.41	25.47	27.20	28.91	-
BK30G06-../D..05.A.	6.72	7.60	4.84	24.94	4,00	4.61	26.59	28.98	30.46	-
BK30G06-../D..06.A.	6.70	7.60	4.84	24.93	4,00	4.69	26.59	28.97	30.44	-
BK30G06-../D..07.A.	7.49	7.60	4.84	25.72	4,00	4.69	27.37	29.76	31.23	-
BK30G06-../D..08.A.	7.85	9.33	6.14	27.81	4.57	5.37	30.41	32.22	34.65	30.41
BK30G06-../D..08.B.	9.04	9.33	6.14	29.00	4.57	5.37	31.59	33.41	35.81	31.59
Dimensions in inch										

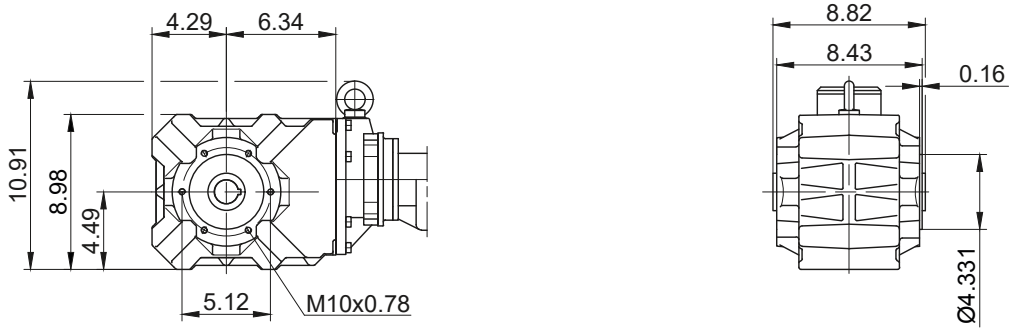
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK30G06

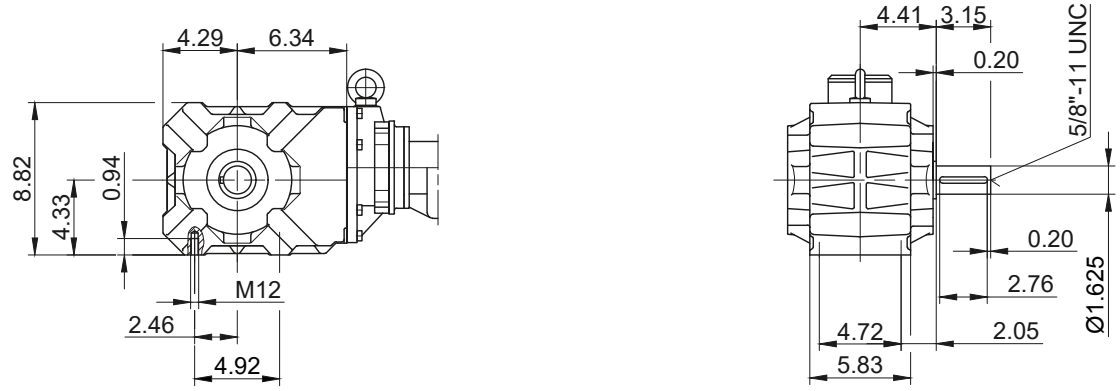
Torque arm at front
Code -5.V/



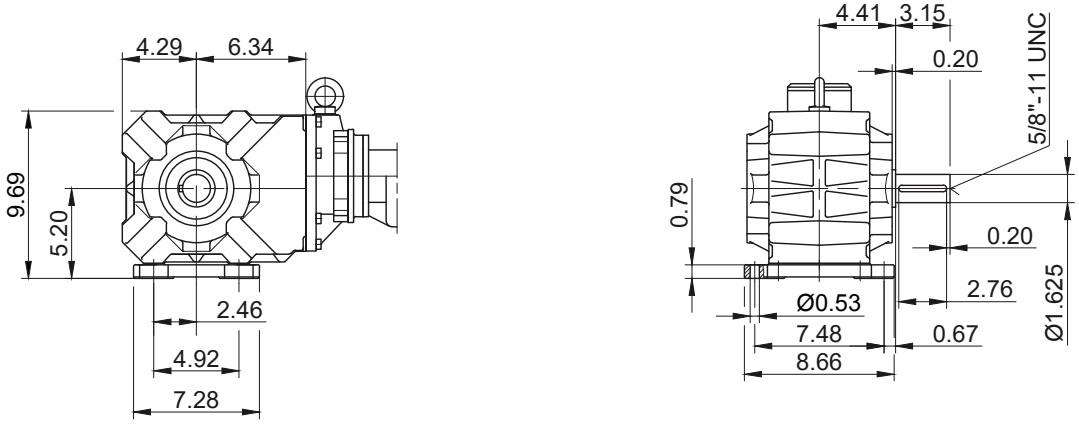
Flange with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



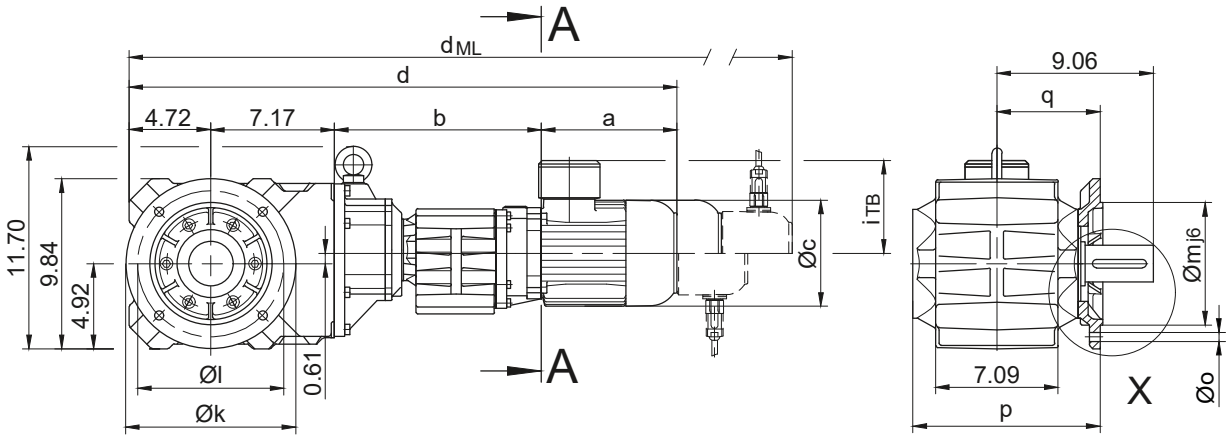
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

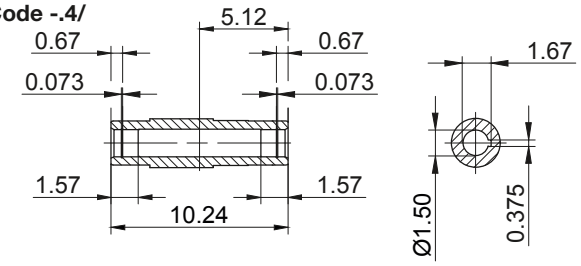
Dimension -Tandem Gearbox Imperial

BK40G10

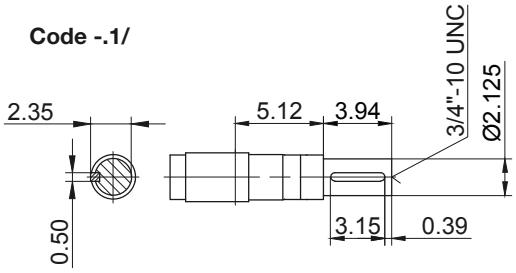
Flange with clearance holes at front
Code -3.V/
(Code -4.V/)

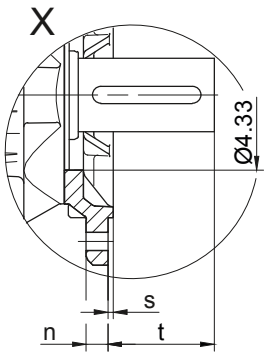


Code -.4/

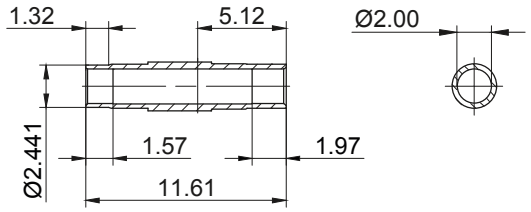


Code -.1/

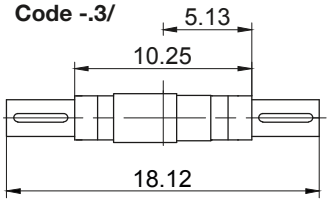


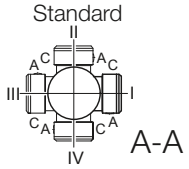


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK40..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	10.866	5.984	0.157	3.074
BK40..	Code -4.V/	11.811	10.433	9.055	0.787	0.531	11.102	6.220	0.157	2.838
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

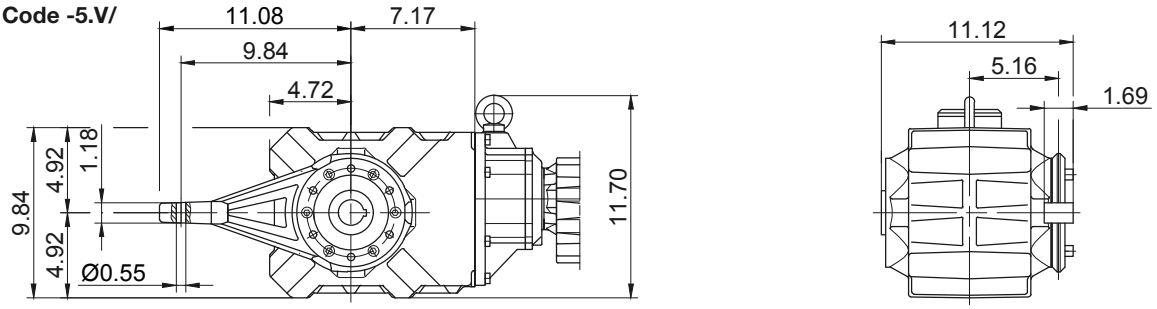
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK40G10-../D..05.A.	6.72	11.81	4.84	30.42	4,00	4.61	32.07	34.45	35.93	-
BK40G10-../D..06.A.	6.70	11.81	4.84	30.41	4,00	4.69	32.06	34.44	35.92	-
BK40G10-../D..07.A.	7.49	11.81	4.84	31.19	4,00	4.69	32.85	35.23	36.70	-
BK40G10-../D..08.A.	7.85	11.97	6.14	31.71	4.57	5.37	34.31	36.12	38.54	34.31
BK40G10-../D..08.B.	9.04	11.97	6.14	32.89	4.57	5.37	35.49	37.30	39.70	35.49
BK40G10-../D..09.A.	9.86	12.54	6.93	34.29	4.94	6.18	37.95	38.53	42.05	37.95
BK40G10-../D..09.B.	12.15	12.54	6.93	36.57	4.94	6.18	40.24	40.79	44.33	40.24
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK40G10

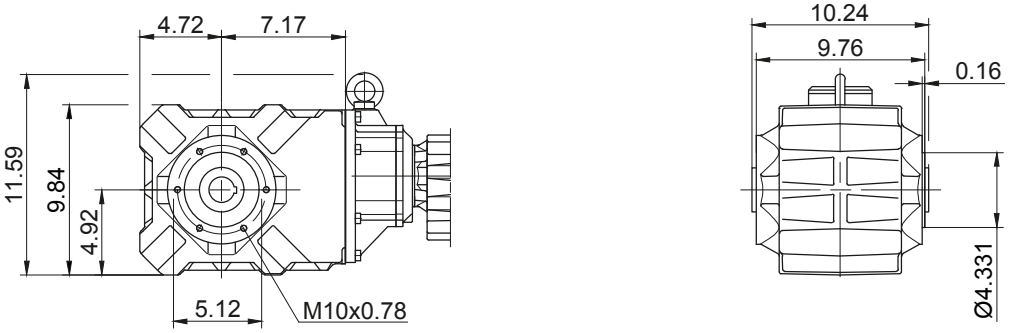
Torque arm at front

Code -5.V/



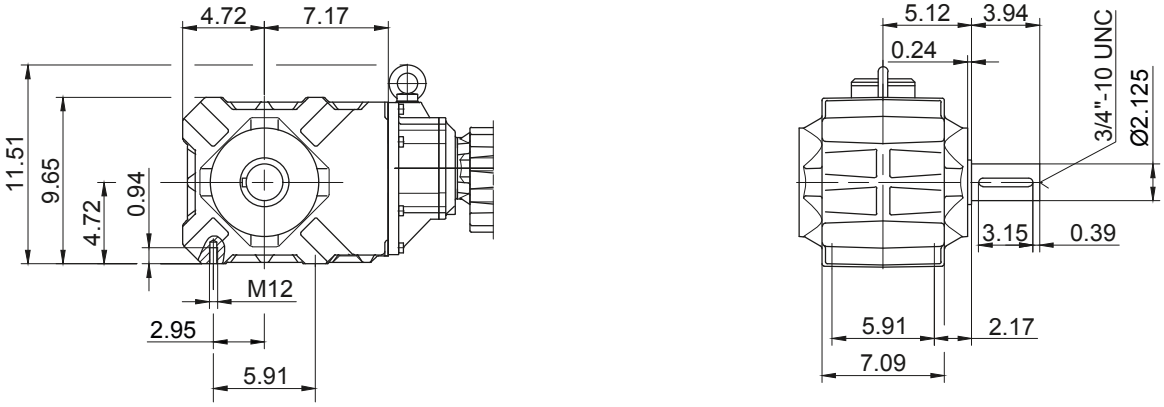
Flange with tapped holes at front

Code -7.V/



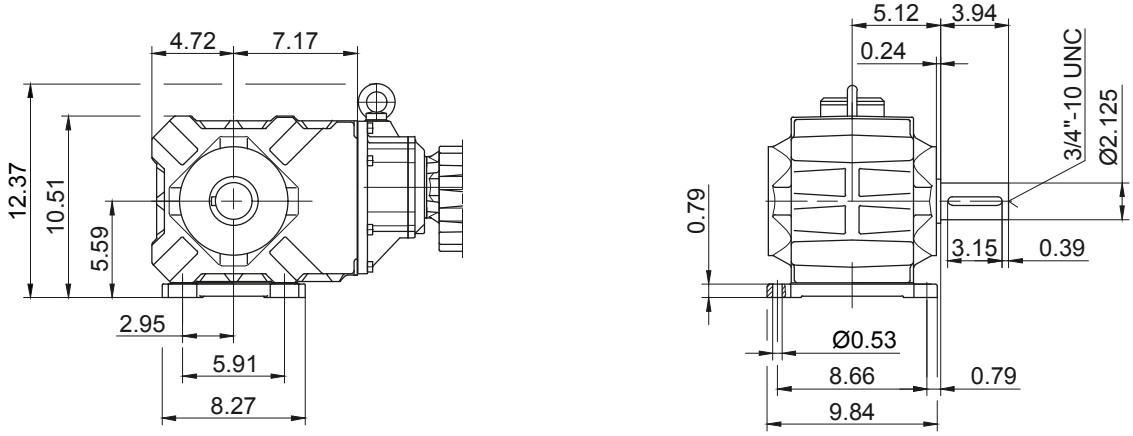
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

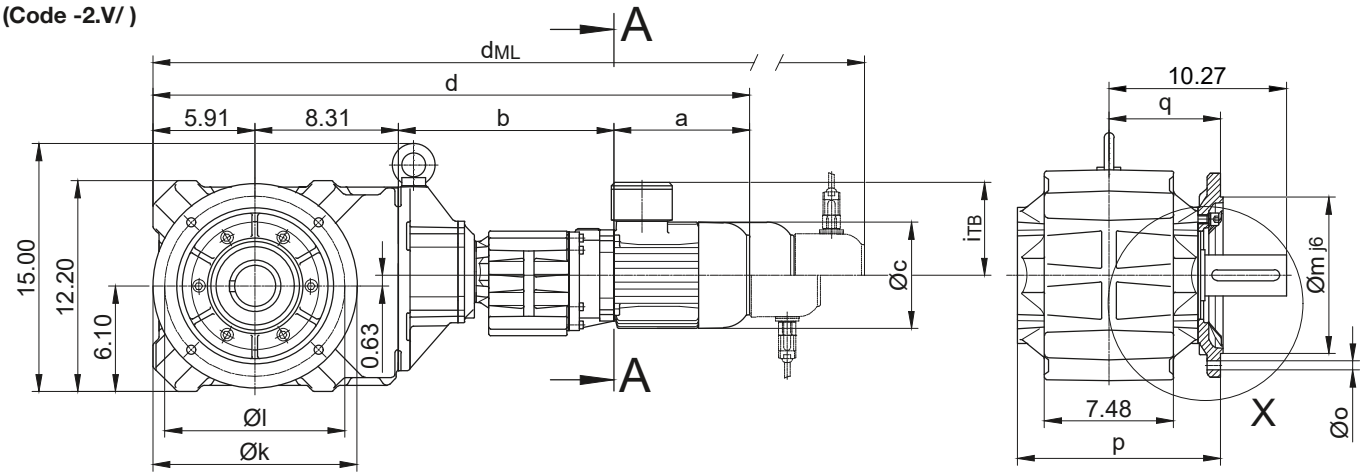
Dimension -Tandem Gearbox Imperial

BK50G10

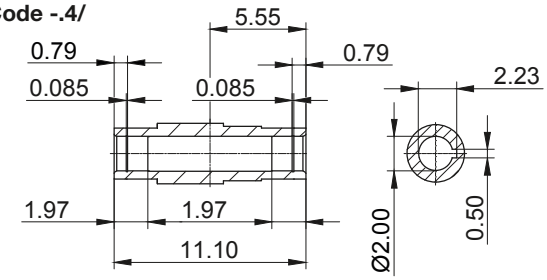
Flange with clearance holes at front

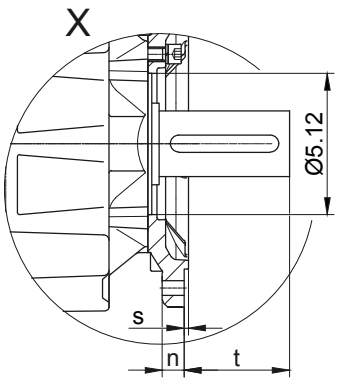
Code -3.V/

(Code -2.V/)

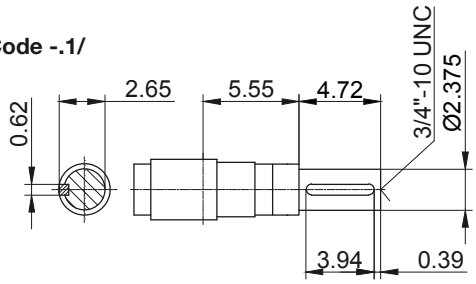


Code -.4/

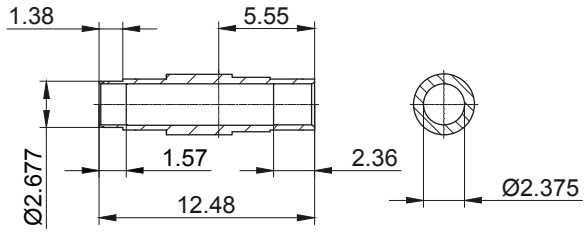




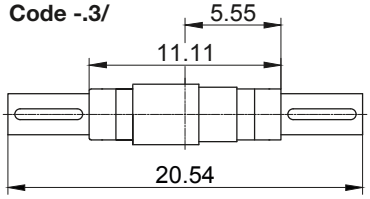
Code -.1/

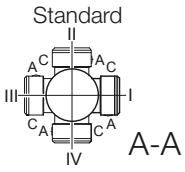


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK50..	Code -3.V/	11.811	10.433	9.055	0.787	0.531	11.772	6.457	0.157	3.814
BK50..	Code -2.V/	9.843	8.465	7.087	0.630	0.531	11.654	6.339	0.157	3.933
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

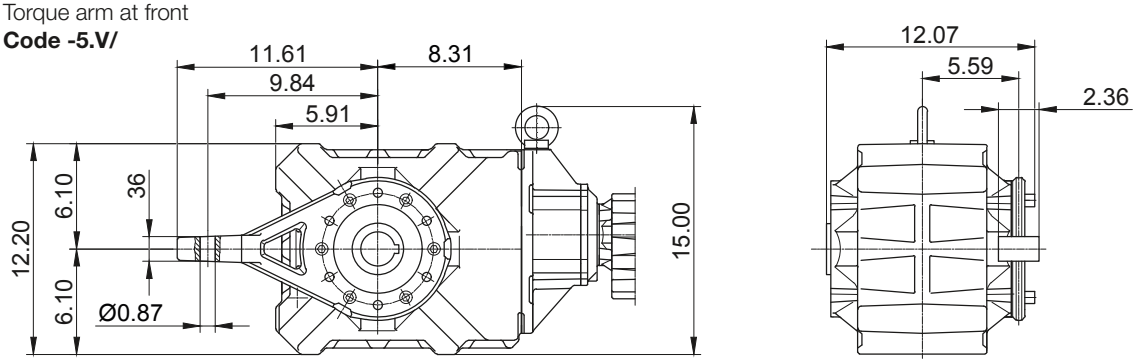
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK50G10-../D..05.A.	6.72	12.32	4.84	33.25	4,00	4.61	34.91	37.29	38.76	-
BK50G10-../D..06.A.	6.70	12.32	4.84	33.24	4,00	4.69	34.89	37.28	38.75	-
BK50G10-../D..07.A.	7.49	12.32	4.84	34.03	4,00	4.69	35.68	38.06	39.54	-
BK50G10-../D..08.A.	7.85	12.48	6.14	34.55	4.57	5.37	37.15	38.96	41.38	37.15
BK50G10-../D..08.B.	9.04	12.48	6.14	35.73	4.57	5.37	38.33	40.14	42.54	38.33
BK50G10-../D..09.A.	9.86	13.05	6.93	37.13	4.94	6.18	40.79	41.36	44.89	40.79
BK50G10-../D..09.B.	12.15	13.05	6.93	39.41	4.94	6.18	43.07	43.63	47.17	43.07
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK50G10

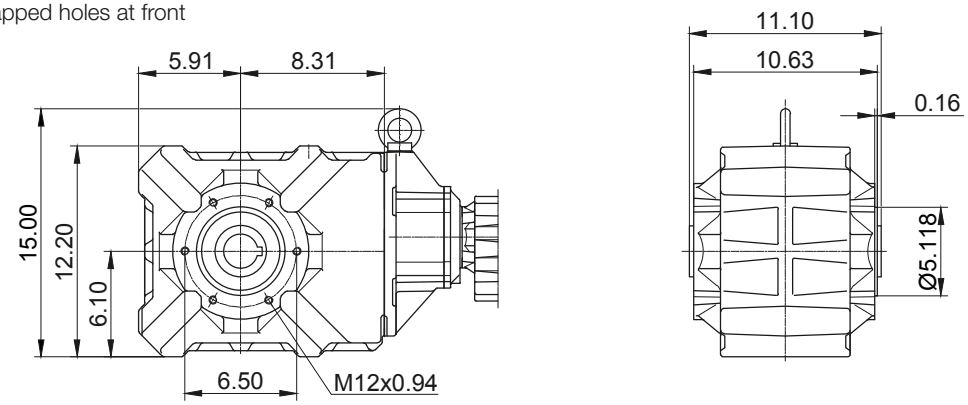
Torque arm at front

Code -5.V/



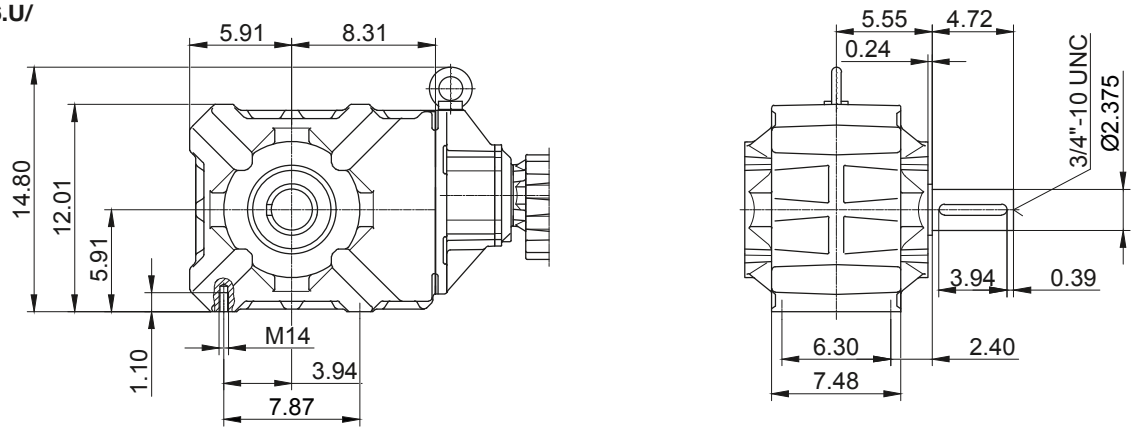
Flange with tapped holes at front

Code -7.V/



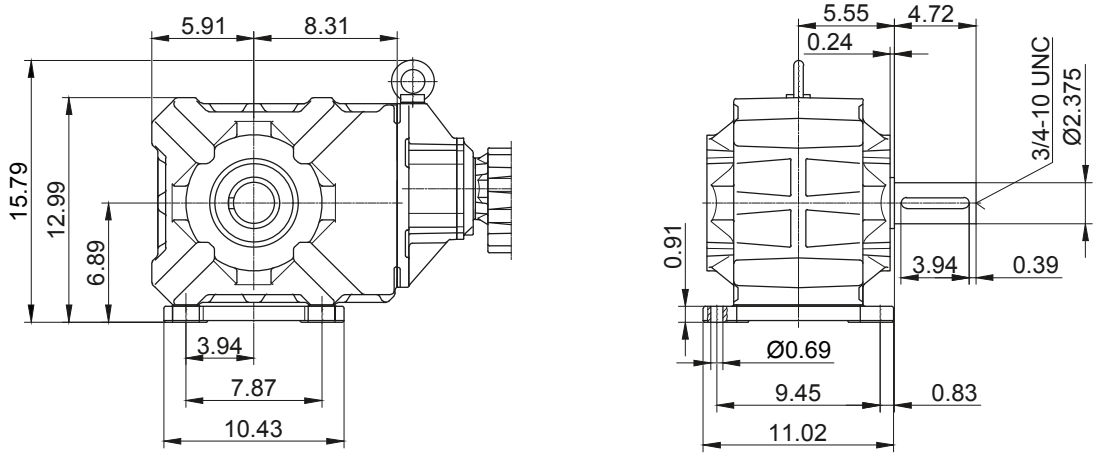
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



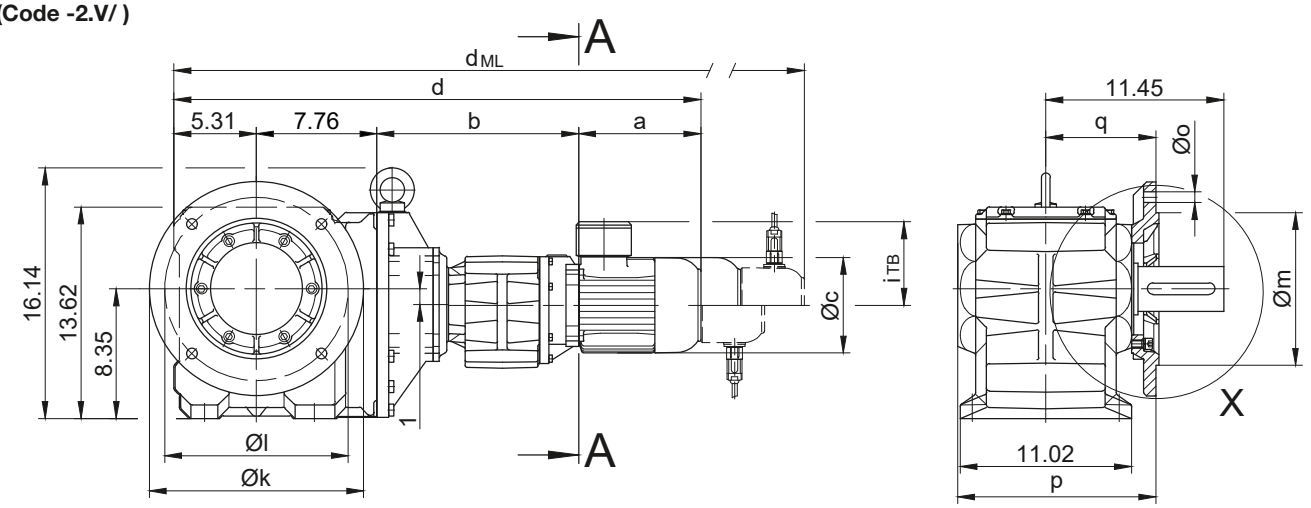
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

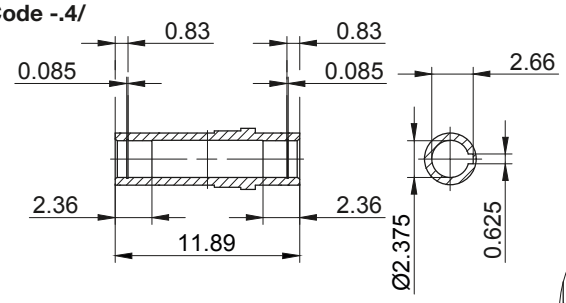
Dimension -Tandem Gearbox Imperial

BK60G20

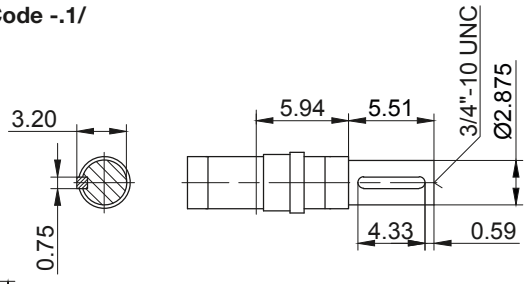
Flange with clearance holes at front
Code -3.V/
(Code -2.V/)

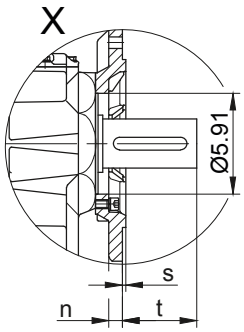


Code -.4/

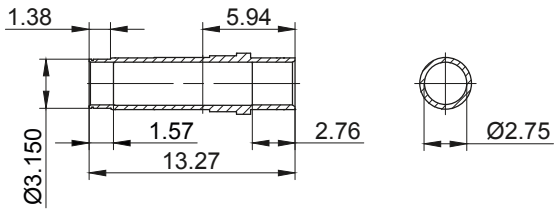


Code -.1/

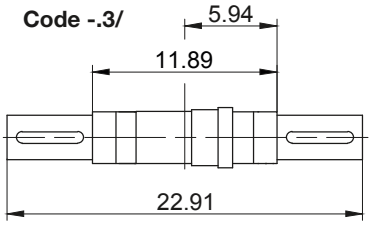


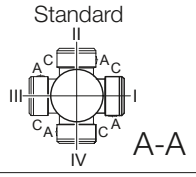


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK60..	Code -3.V/	13.780	11.811	9.843	0.787	0.689	12.756	7.087	0.197	4.408
BK60..	Code -2.V/	11.811	10.433	9.055	0.787	0.531	13.071	7.402	0.157	4.053
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

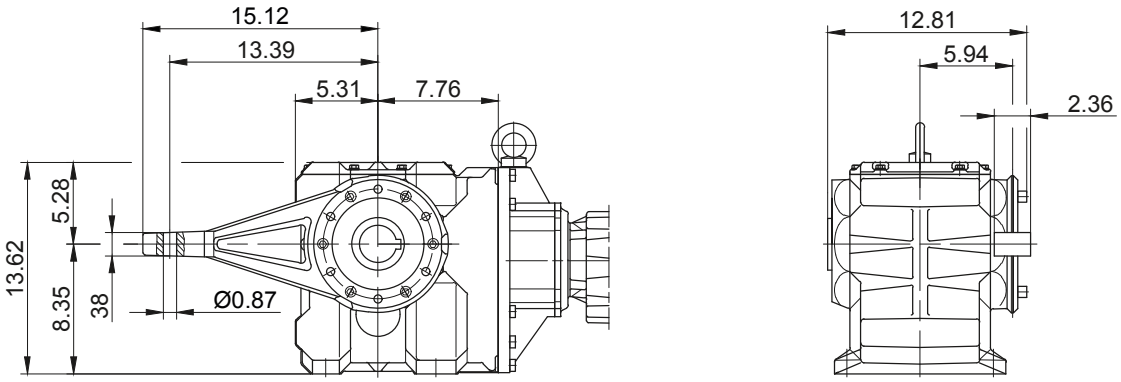
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK60G20-../D..05.A.	6.72	12.83	4.84	32.62	4,00	4.61	34.28	36.66	38.13	-
BK60G20-../D..06.A.	6.70	12.83	4.84	32.61	4,00	4.69	34.26	36.65	38.12	-
BK60G20-../D..07.A.	7.49	12.83	4.84	33.40	4,00	4.69	35.05	37.43	38.91	-
BK60G20-../D..08.A.	7.85	12.99	6.14	33.92	4.57	5.37	36.52	38.33	40.75	36.52
BK60G20-../D..08.B.	9.04	12.99	6.14	35.10	4.57	5.37	37.70	39.51	41.91	37.70
BK60G20-../D..09.A.	9.86	13.56	6.93	36.50	4.94	6.18	40.16	40.73	44.26	40.16
BK60G20-../D..09.B.	12.15	13.56	6.93	38.78	4.94	6.18	42.44	43.00	46.54	42.44
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK60G20

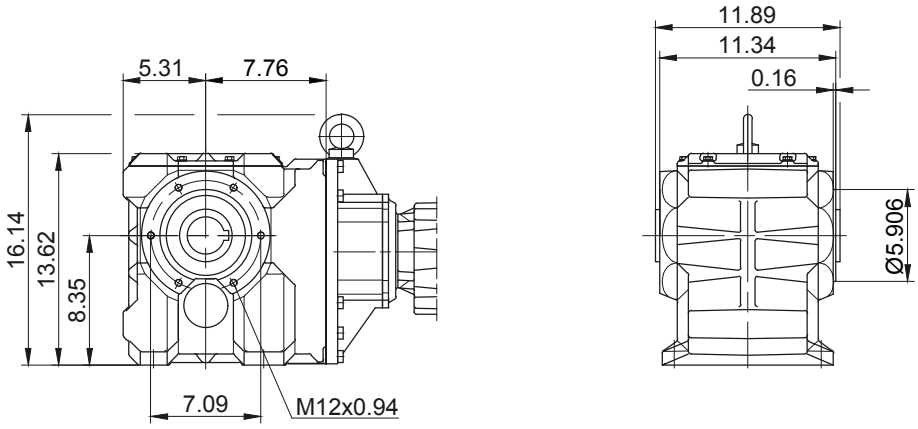
Torque arm at front

Code -5.V/



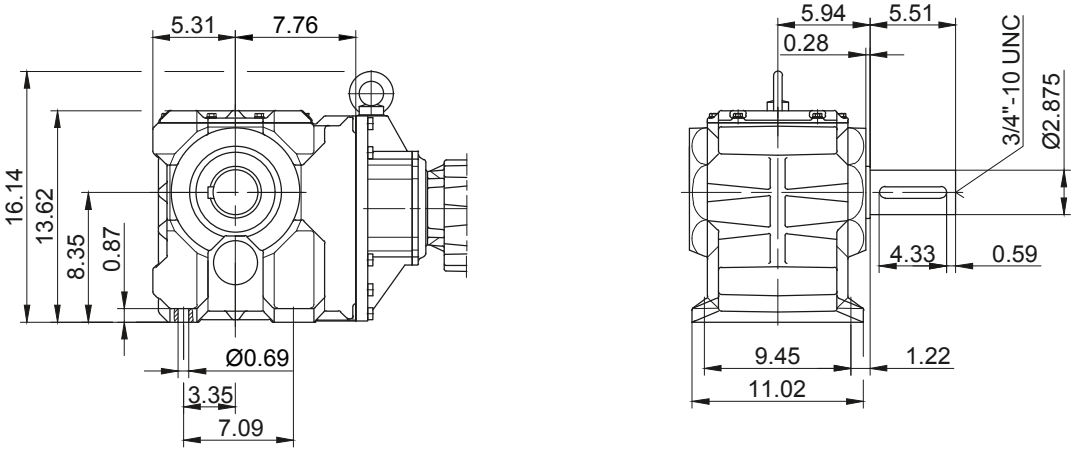
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



12

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

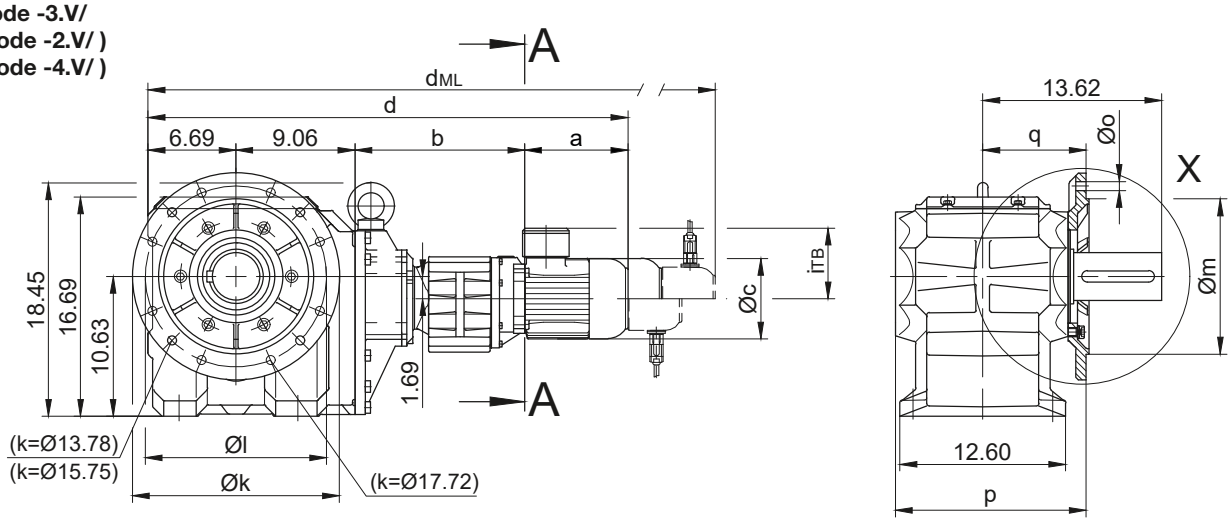
BK-series bevel-geared motors

Dimension -Tandem Gearbox Imperial

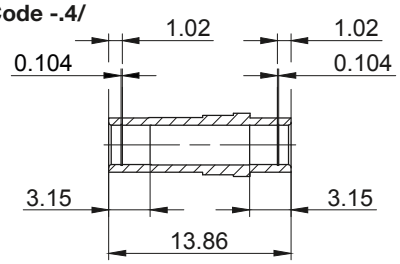
BK70G20

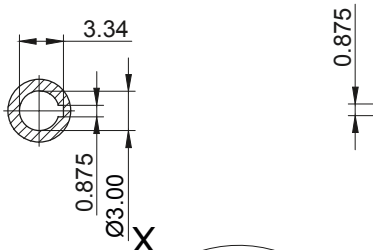
Flange with clearance holes at front

Code -3.V/
(Code -2.V/)
(Code -4.V/)

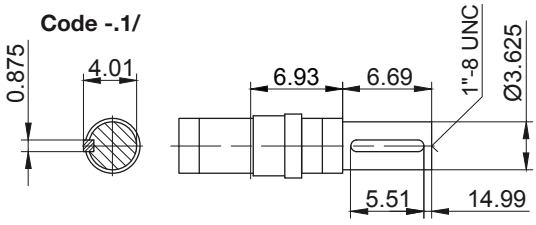


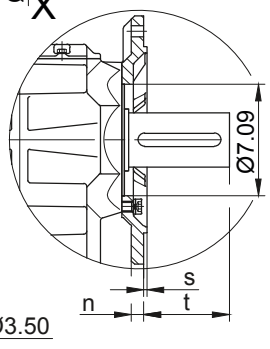
Code -.4/



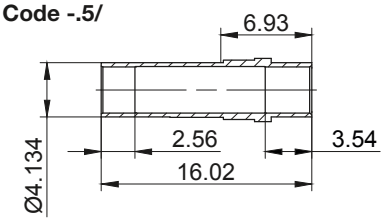


Code -.1/

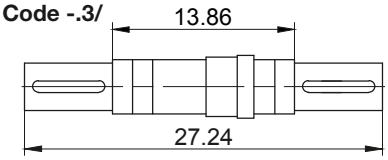


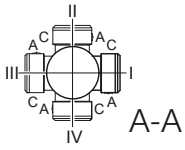


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK70..	Code -3.V/	15.748	13.780	11.811	0.787	4 x 0.689	14.528	7.874	0.197	5.784
BK70..	Code -2.V/	13.780	11.811	9.843	0.787	4 x 0.689	14.528	7.874	0.197	5.784
BK70..	Code -4.V/	17.717	15.748	13.780	0.866	8 x 0.689	14.921	8.268	0.197	5.391
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

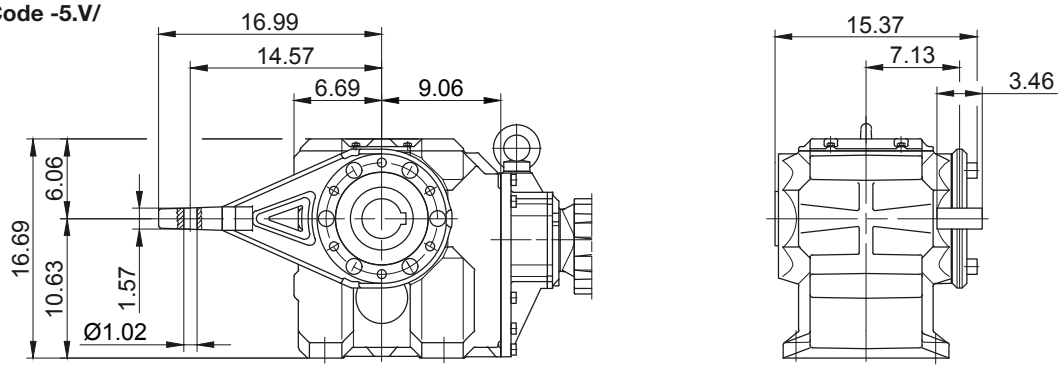
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK70G20-../D..05.A.	6.72	12.83	4.84	35.30	4,00	4.61	36.95	39.33	40.81	-
BK70G20-../D..06.A.	6.70	12.83	4.84	35.29	4,00	4.69	36.94	39.32	40.80	-
BK70G20-../D..07.A.	7.49	12.83	4.84	36.07	4,00	4.69	37.73	40.11	41.59	-
BK70G20-../D..08.A.	7.85	12.99	6.14	36.59	4.57	5.37	39.19	41.00	43.43	39.19
BK70G20-../D..08.B.	9.04	12.99	6.14	37.78	4.57	5.37	40.37	42.19	44.59	40.37
BK70G20-../D..09.A.	9.86	13.56	6.93	39.17	4.94	6.18	42.83	43.41	46.93	42.83
BK70G20-../D..09.B.	12.15	13.56	6.93	41.46	4.94	6.18	45.12	45.67	49.22	45.12
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK70G20

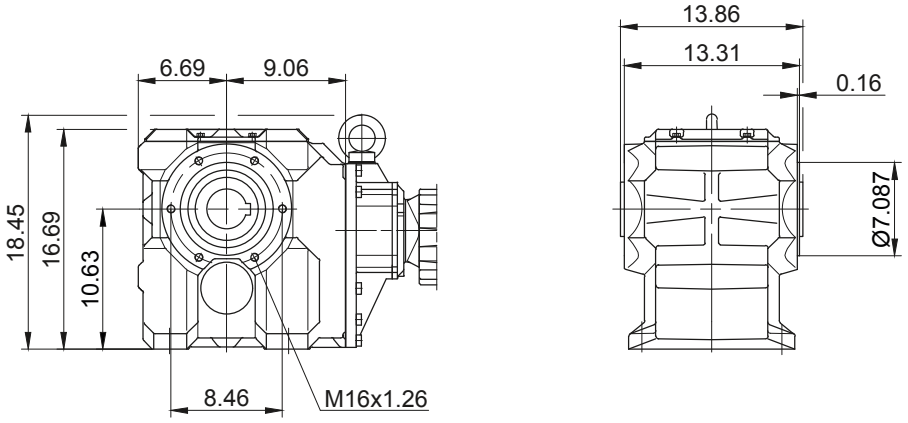
Torque arm at front

Code -5.V/



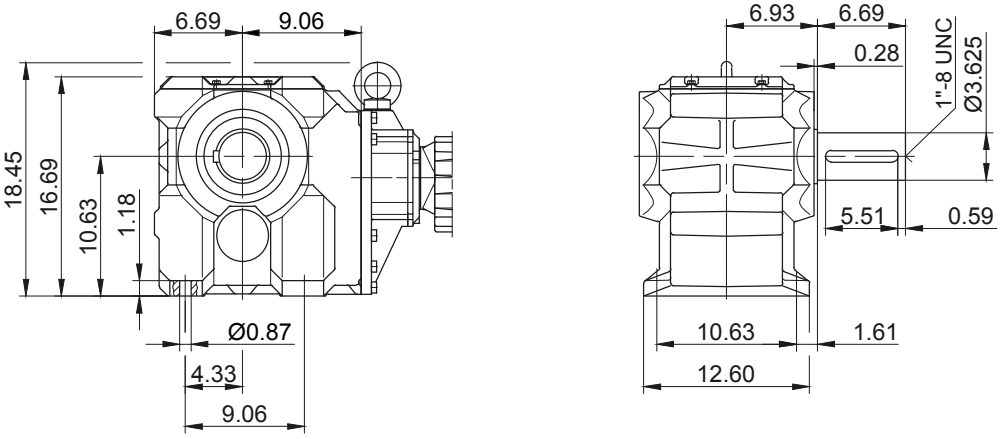
Flange with tapped holes at front

Code -7.V/

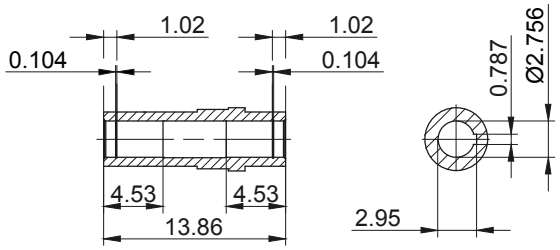


Foot with clearance holes at bottom

Code -1.U/



Code -.4/K70



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

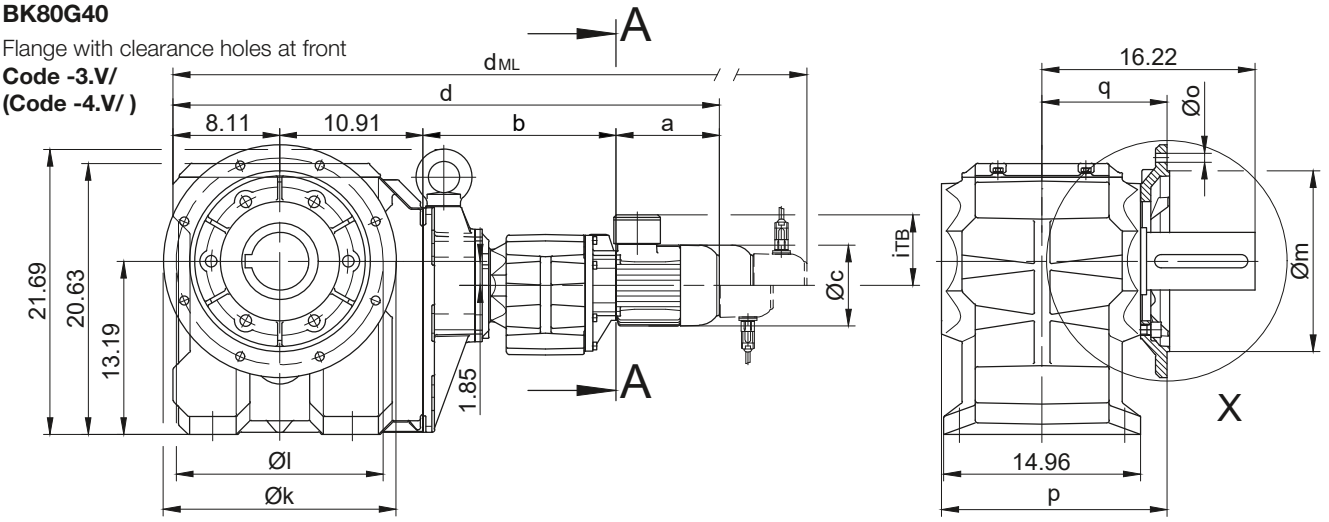
BK-series bevel-geared motors

Dimension -Tandem Gearbox Imperial

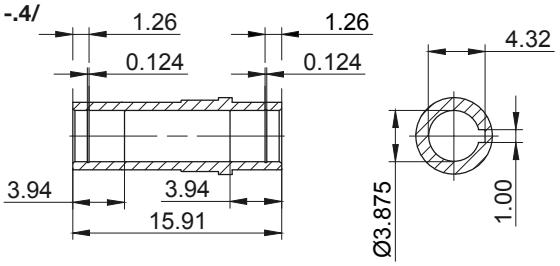
BK80G40

Flange with clearance holes at front

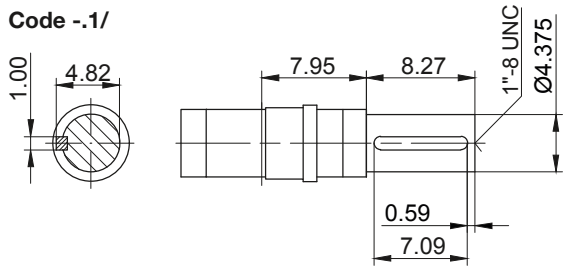
Code -3.V/
(Code -4.V/)



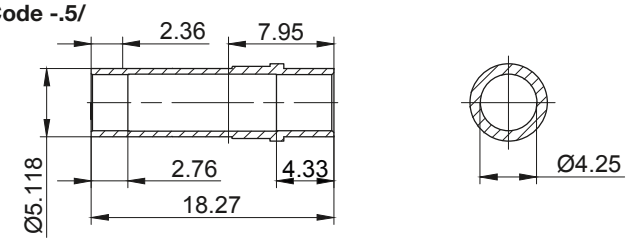
Code -.4/



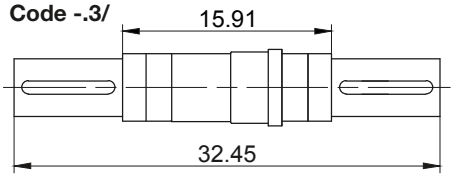
Code -.1/



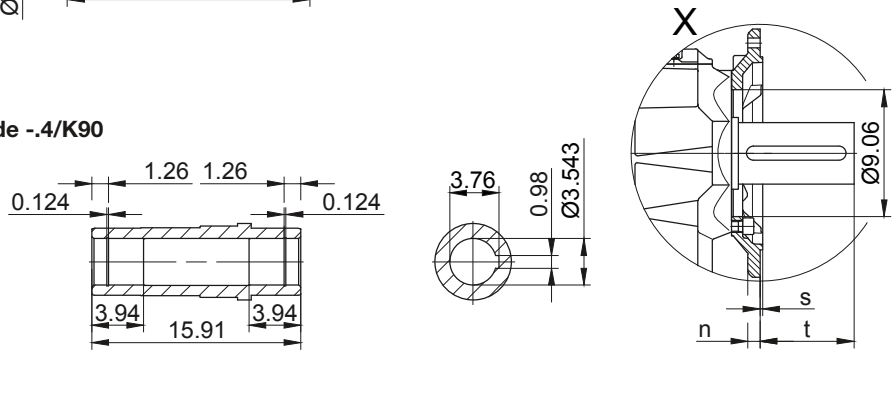
Code -.5/



Code -.3/



Code -.4/K90



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK80..	Code -3.V/	17.717	15.748	13.780	0.866	0.689	17.283	9.646	0.197	6.616
BK80..	Code -4.V/	21.654	19.685	17.717	0.866	0.689	17.480	9.843	0.197	6.420
Dimensions in inch										

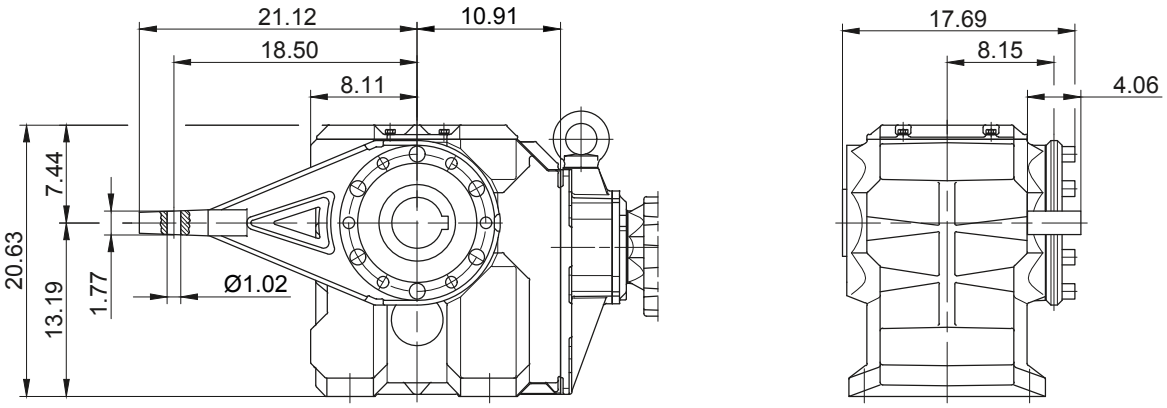
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK80G40-../D..08.A.	7.85	14.06	6.14	40.93	4.57	5.37	43.52	45.33	47.76	43.52
BK80G40-../D..08.B.	9.04	14.06	6.14	42.11	4.57	5.37	44.70	46.52	48.92	44.70
BK80G40-../D..09.A.	9.86	14.63	6.93	43.50	4.94	6.18	47.17	47.74	51.26	47.17
BK80G40-../D..09.B.	12.15	14.63	6.93	45.79	4.94	6.18	49.45	50.00	53.55	49.45
BK80G40-../D..11.A.	12.56	14.88	8.58	46.46	6.50	6.93	50.31	50.69	54.33	50.31
BK80G40-../D..11.B.	15.24	14.88	8.58	49.13	6.50	6.93	52.91	53.37	57.01	52.91
Dimensions in inch										

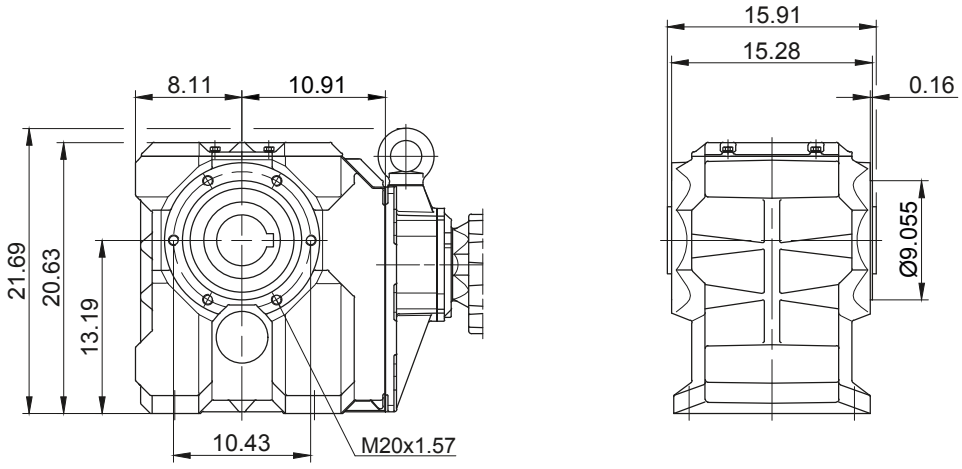
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK80G40

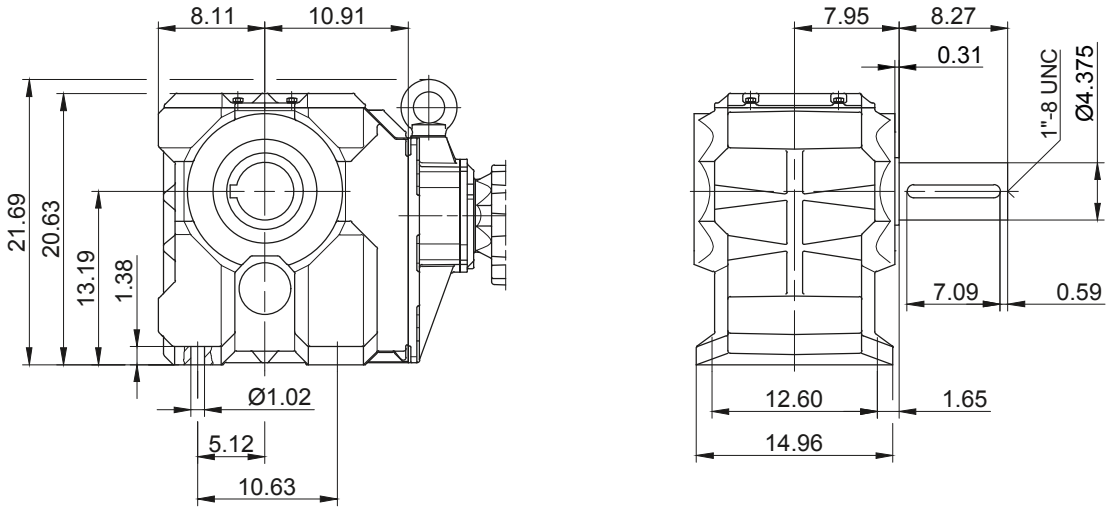
Torque arm at front
Code -5.V/



Flange with tapped holes at front
Code -7.V/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

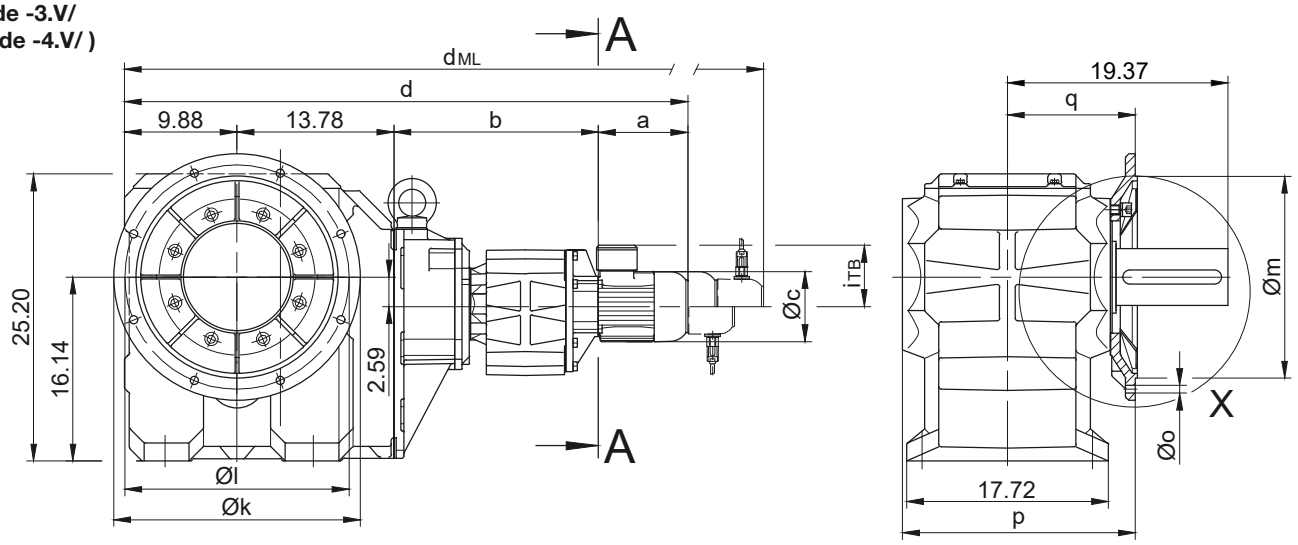
BK-series bevel-geared motors

Dimension -Tandem Gearbox Imperial

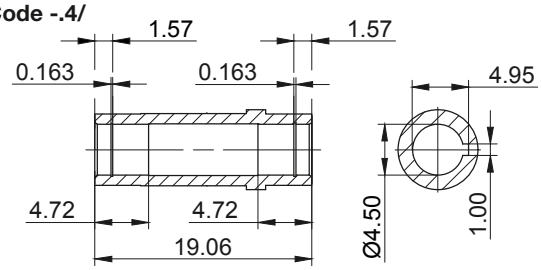
BK90G50

Flange with clearance holes at front

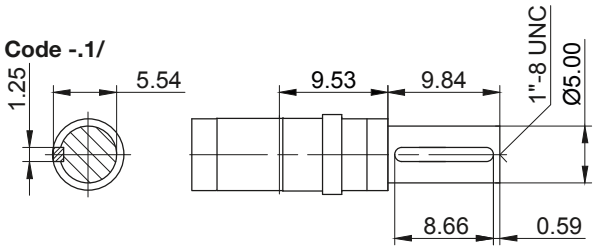
Code -3.V/
(Code -4.V/)

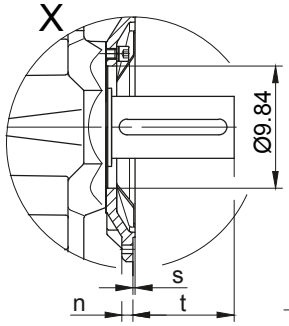


Code -.4/

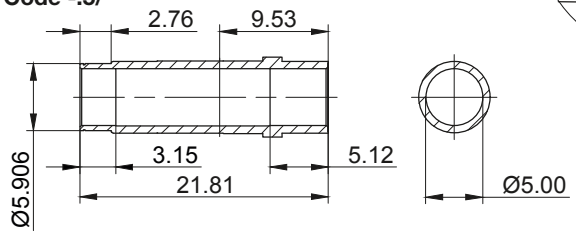


Code -.1/

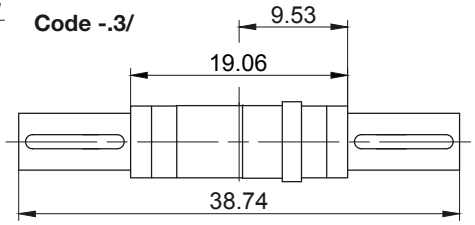


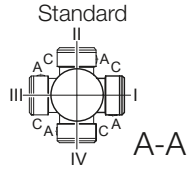


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK90..	Code -3.V/	21.654	19.685	17.717	0.866	0.689	20.433	11.220	0.197	8.186
BK90..	Code -4.V/	25.984	23.622	21.654	0.984	0.866	20.197	10.984	0.236	8.462
Dimensions in inch										

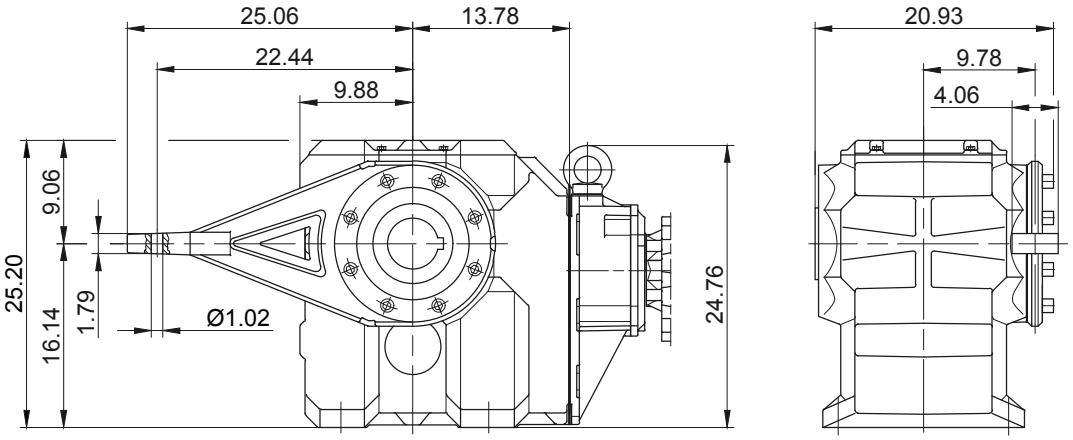
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK90G50-../D..08.A.	7.85	16.81	6.14	48.33	4.57	5.37	50.93	52.74	55.16	50.93
BK90G50-../D..08.B.	9.04	16.81	6.14	49.51	4.57	5.37	52.11	53.92	56.32	52.11
BK90G50-../D..09.A.	9.86	17.38	6.93	50.91	4.94	6.18	54.57	55.14	58.67	54.57
BK90G50-../D..09.B.	12.15	17.38	6.93	53.19	4.94	6.18	56.85	57.41	60.95	56.85
BK90G50-../D..11.A.	12.56	17.64	8.58	53.86	6.50	6.93	57.72	58.09	61.74	57.72
BK90G50-../D..11.B.	15.24	17.64	8.58	56.54	6.50	6.93	60.31	60.77	64.41	60.31
BK90G50-../D..13.A.	15.47	18.15	10.16	57.28	8.54	8.54	61.65	61.50	65.63	61.54
BK90G50-../D..16.B.	17.89	18.70	12.20	60.26	9.57	9.57	65.91	64.47	69.98	65.91
BK90G50-../D..18.B.	21.34	19.57	13.70	64.57	11.34	11.34	70.45	68.72	74.53	70.45
Dimensions in inch										

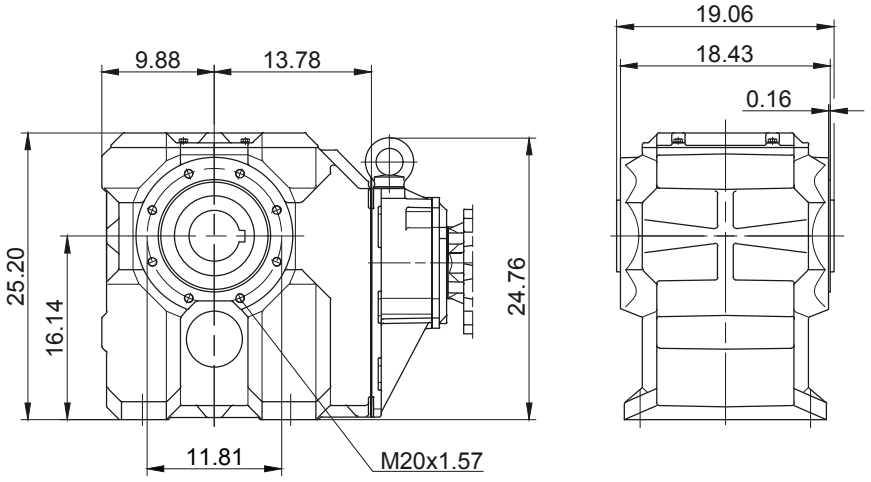
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK90G50

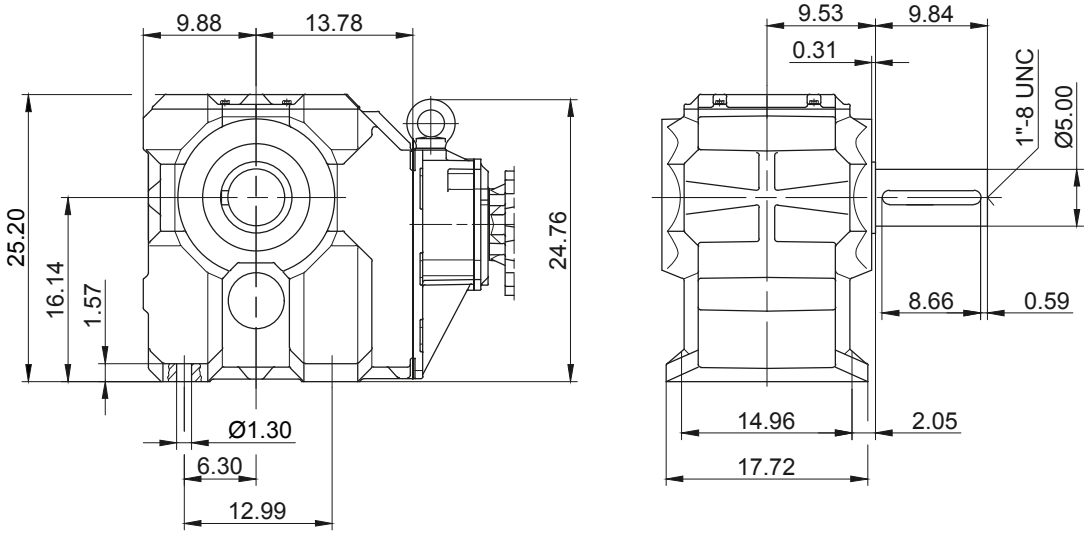
Torque arm at front
Code -5.V/



Flange with tapped holes at front
Code -7.V/



Foot with clearance holes at bottom
Code -1.U/



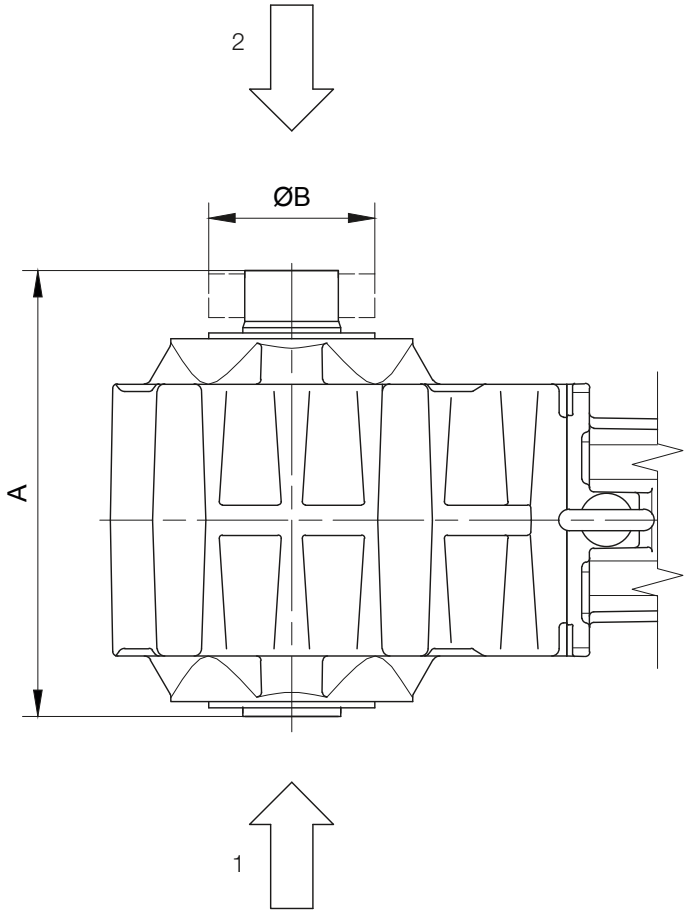
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

Additional Dimension Sheet Imperial

Shrink disk couplings (SSV)

(Code BK10-.5/...)
(Code BK10Z-.5/...)



12

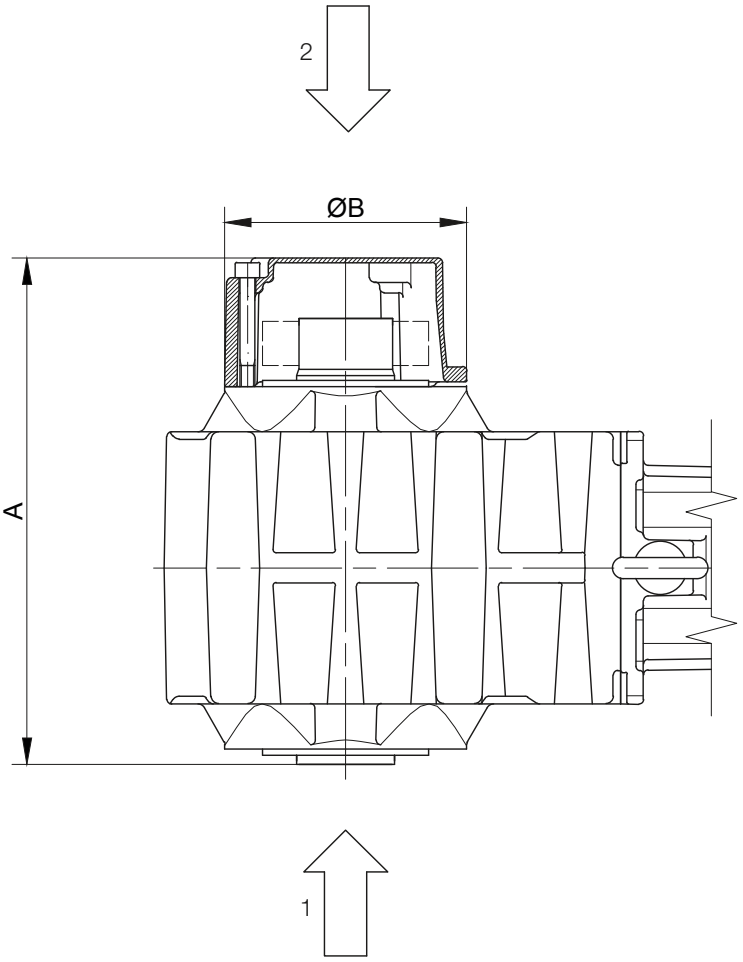
1 Gear side FRONT (V)
2 Gear side REAR (H)

Typ	SSV Ringfeder	SSV STÜWE	A	B
BK06	RfN 4161 024x050	HSD 24-22x24	4.65	1.97
BK10	RfN 4161 036x072	HSD 36-22x36	7.68	2.83
BK20	RfN 4161 044x080	HSD 44-22x44	8.74	3.15
BK30	RfN 4161 050x090	HSD 50-22x50	10.00	3.54
BK40	RfN 4161 062x110	HSD 62-22x62	11.61	4.33
BK50	RfN 4161 068x115	HSD 68-22x68	12.48	4.53
BK60	RfN 4161 080x141	HSD 80-22x80	13.27	5.51
BK70	RfN 4161 105x185	HSD 110-22x105	16.02	7.28
BK80	RfN 4161 130x215	HSD 125-22x130	18.27	8.46
BK90	RfN 4161 150x263	HSD 155-22x150	21.81	10.35
Dimensions in inch				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shrink disk connection with cover (SSV)

(Code BK10-.5A/...)
(Code BK10Z-.5A/...)



1 Gear side FRONT (V)
2 Gear side REAR (H)

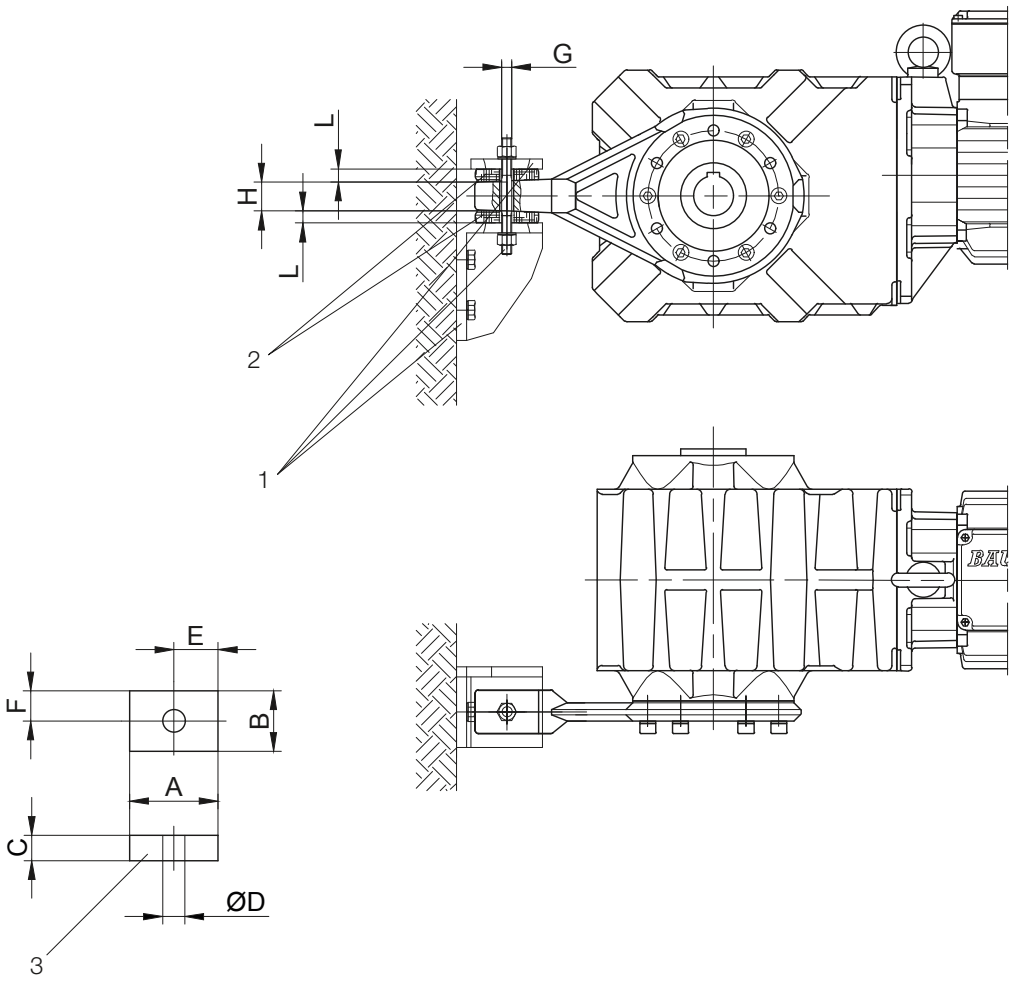
Type	SSV Ringfeder	SSV STÜWE	A	B
BK10	RfN 4161 036x072	HSD 36-22x36	8.54	4.72
BK20	RfN 4161 044x080	HSD 44-22x44	10.63	5.51
BK30	RfN 4161 050x090	HSD 50-22x50	11.81	6.30
BK40	RfN 4161 062x110	HSD 62-22x62	13.19	6.30
BK50	RfN 4161 068x115	HSD 68-22x68	13.03	7.87
BK60	RfN 4161 080x141	HSD 80-22x80	15.20	8.27
BK70	RfN 4161 105x185	HSD110-22x105	18.31	9.84
BK80	RfN 4161 130x215	HSD125-22x130	19.88	11.81
BK90	RfN 4161 150x263	HSD155-22x150	23.70	13.78
Dimensions in inch				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

Additional Dimension Sheet Imperial

Rubber buffer for torque arm



1 not included in delivery

2 Rubber buffers pretensioned

3 Rubber buffer

G maximaler Schraubendurchmesser

Material: Natural rubber Hardness 50 +/-5 Shore A

Dimensions of the transverse hole: See dimensioned sketch of the respective shaft mounted gearbox

Gear	Position	A	B	C	D	E	F	G	H	L
BK06	0	1.18	1.18	0.47	0.47	0.59	0.59	M10	0.39	0.39
BK08	1	1.89	1.26	0.59	0.55	0.94	0.63	M10	0.75	0.53
BK10	1	1.89	1.26	0.59	0.55	0.94	0.63	M10	0.75	0.53
BK17	1	1.89	1.26	0.59	0.55	0.94	0.63	M10	0.75	0.51
BK20	1	1.89	1.26	0.59	0.55	0.94	0.63	M10	0.75	0.51
BK30	2	2.48	1.69	0.79	0.55	1.24	0.8.5	M10	1.18	0.67
BK40	2	2.48	1.69	0.79	0.55	1.24	0.8.5	M10	1.18	0.67
BK50	3	3.46	2.36	0.98	0.87	1.73	1.18	M18	1.42	0.8.5
BK60	3	3.46	2.36	0.98	0.87	1.73	1.18	M18	1.50	0.83
BK70	4	4.84	3.46	1.18	1.02	2.42	1.73	M20	1.57	1.00
BK80	5	5.24	4.06	1.38	1.02	2.62	2.03	M20	1.77	1.18
BK90	5	5.24	4.06	1.38	1.02	2.62	2.03	M20	1.77	1.16
Dimensions in inch										

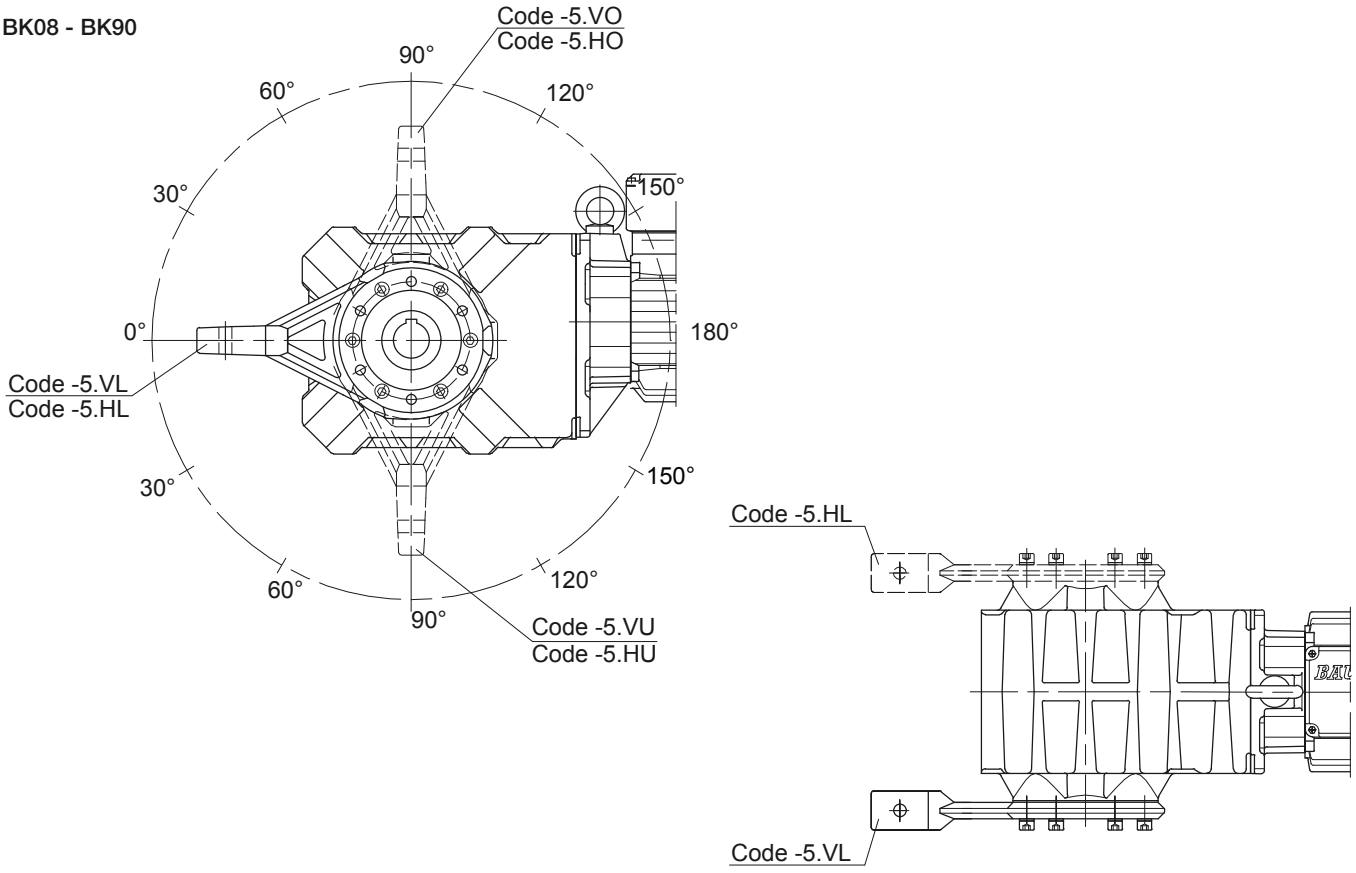
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Position of the torque arm

BK06



BK08 - BK90



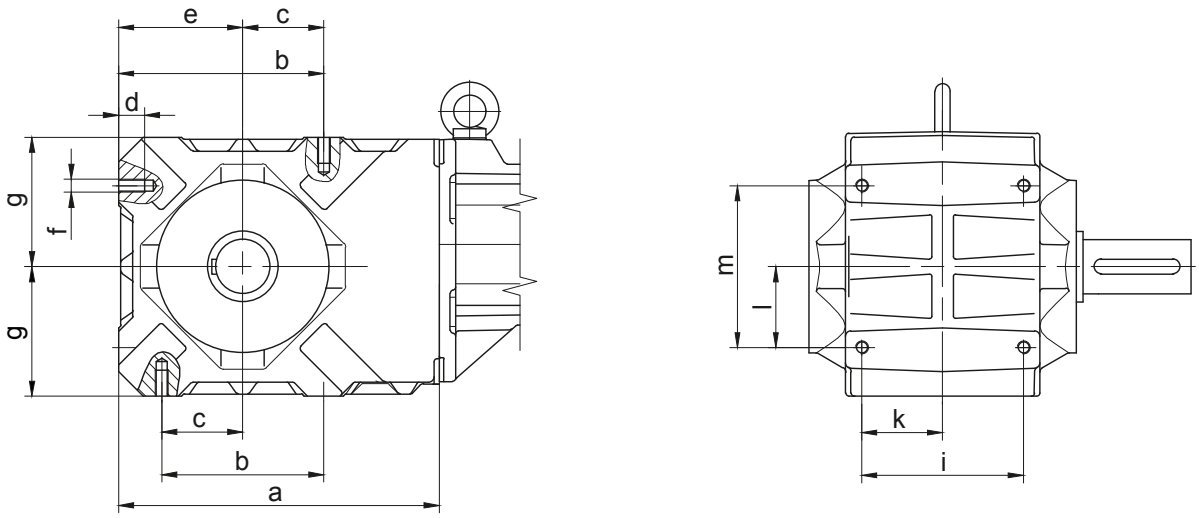
Gear	Position						
	VL/HL	VO/HO/VU/HU					VR/HR
BK06	0°	-	-	-	-	-	-
BK08	0°	30°	60°	90°	120°	-	-
BK10	0°	30°	60°	90°	120°	150°	-
BK17	0°	30°	60°	90°	120°	-	-
BK20	0°	30°	60°	90°	120°	150°	-
BK30	0°	30°	60°	90°	120°	150°	-
BK40	0°	30°	60°	90°	120°	150°	-
BK50	0°	30°	60°	90°	120°	150°	-
BK60	0°	30°	60°	90°	120°	150°	-
BK70	0°	30°	60°	90°	120°	150°	-
BK80	0°	30°	60°	90°	120°	150°	-
BK90	0°	45°		90°	135°		-

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

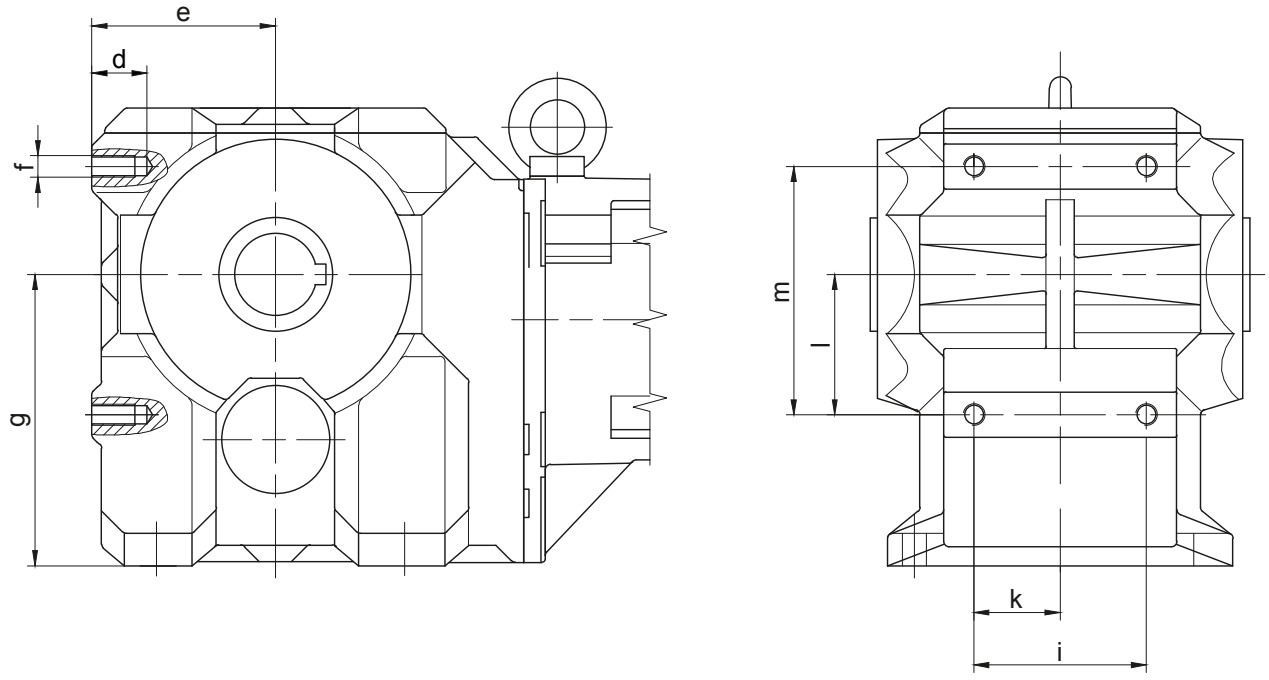
BK-series bevel-geared motors

Additional Dimension Sheet Imperial

Foot with tapped holes



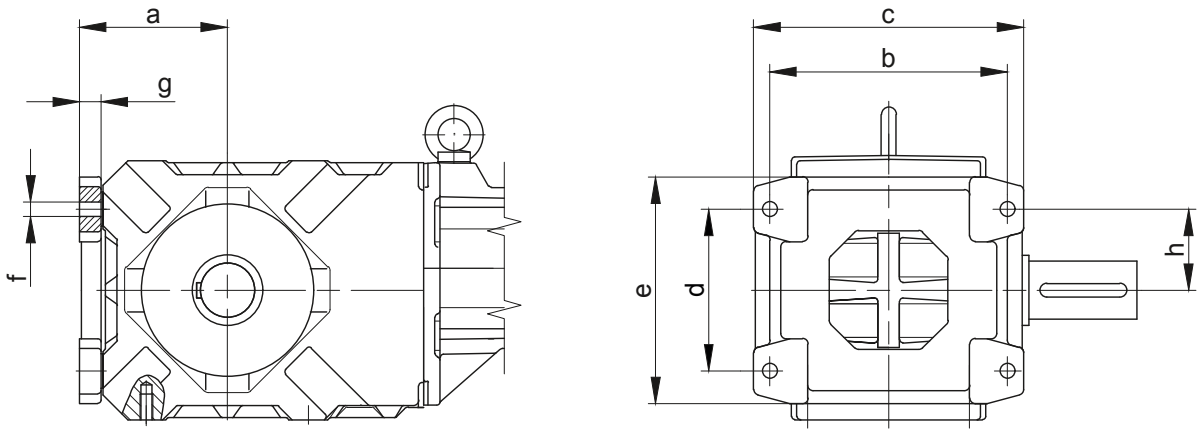
Type	a	b	c	d	e	f	g	i	k	l	m
BK10-BK10Z	7.95	3.54	1.77	0.63	3.07	M8	3.15	3.74	1.87	1.77	3.54
BK20-BK20Z	9.53	4.33	2.17	0.79	3.74	M10	3.94	4.13	2.07	2.17	4.33
BK30-BK30Z	10.47	4.92	2.46	0.94	4.13	M12	4.33	4.72	2.36	2.46	4.92
BK40-BK40Z	11.69	5.91	2.95	0.94	4.53	M12	4.72	5.91	2.95	2.95	5.91
BK50-BK50Z	14.02	7.87	3.94	1.10	5.71	M14	5.91	6.30	3.15	3.94	7.87



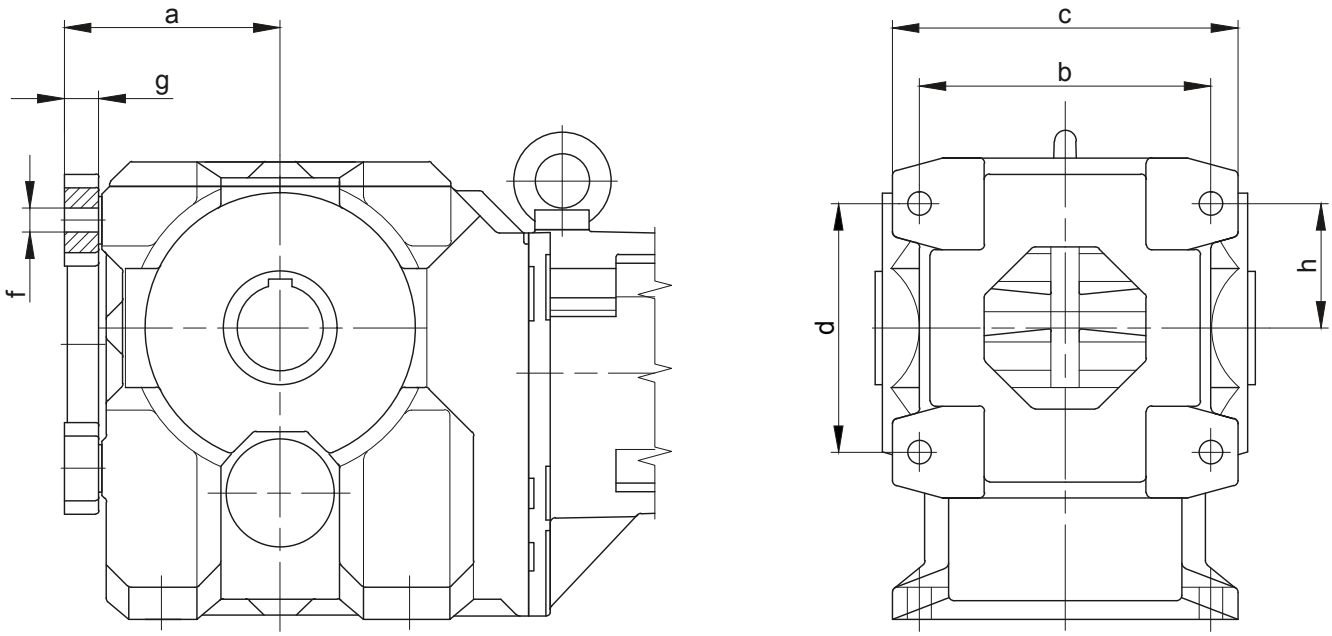
Type	a	b	c	d	e	f	g	i	k	l	m
BK60-BK60Z	-	-	-	1.57	5.12	M20	8.35	6.30	3.15	5.71	9.06
BK70-BK70Z	-	-	-	1.57	6.50	M20	10.63	6.30	3.15	5.12	9.06
BK80-BK80Z	-	-	-	2.36	7.87	M30	13.19	8.27	4.13	9.45	14.17
BK90-BK90Z	-	-	-	2.36	9.65	M30	16.14	8.27	4.13	8.46	14.17

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Foot plate with clearance holes



Type	a	b	c	d	e	f	g	h
BK10-BK10Z	3.78	5.71	6.50	3.54	5.12	Ø0.35	0.63	1.77
BK20-BK20Z	4.53	6.50	7.68	4.33	6.30	Ø0.43	0.71	2.17
BK30-BK30Z	5.00	7.48	8.66	4.92	7.28	Ø0.53	0.79	2.46
BK40-BK40Z	5.39	8.66	9.84	5.91	8.27	Ø0.53	0.79	2.95
BK50-BK50Z	6.69	9.45	11.02	7.87	10.43	Ø0.69	0.91	3.94



Type	a	b	c	d	e	f	g	h
BK60-BK60Z	6.50	10.63	12.60	9.06	12.40	Ø0.87	1.26	3.35
BK70-BK70Z	7.87	10.63	12.60	9.06	12.40	Ø0.87	1.26	3.94
BK80-BK80Z	9.84	15.75	18.90	14.17	18.90	Ø1.30	1.85	4.72
BK90-BK90Z	11.61	15.75	18.90	14.17	18.90	Ø1.30	1.85	5.71

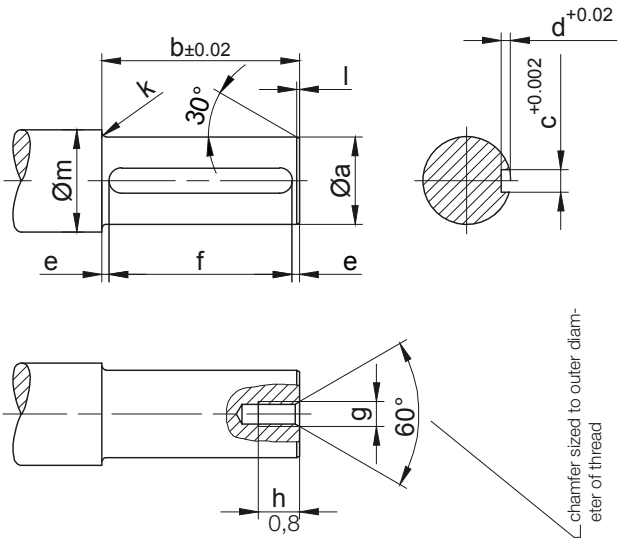
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

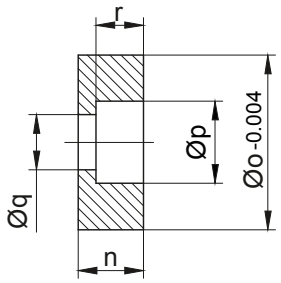
Additional Dimension Sheet Imperial

Assembly tools for hollow shaft and keyway

Position 1 Shaft



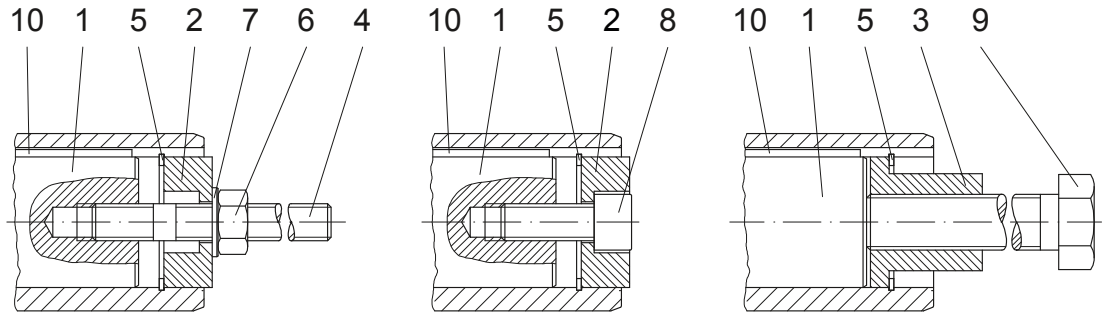
* Position 2 Disc



Material: Steel, tensile strength ≥ 470 MPa

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	Dimensions (inch)																
	Postion 1 Shaft											Postion 2 Disc					
	a	b	c	d	e	f	g	h	k	l	m	n	o	p	q	r	
BK06	0.75	2.95	0.188	0.106	0.235	2.48	M8	0.63	0.08	0.04	1.10	0.53	0.74	0.43	0.26	0.26	
BK10	1.00	5.83	0.25	0.141	0.455	4.92	M8	0.71	0.10	0.06	1.30	0.53	0.99	0.59	0.35	0.33	
BK20	1.25	6.69	0.25	0.138	0.59	5.51	M10	0.79	0.12	0.06	1.50	0.59	1.24	0.71	0.43	0.39	
BK30	1.375	7.91	0.313	0.174	0.41	7.09	M10	0.79	0.12	0.06	1.69	0.63	1.365	0.71	0.43	0.39	
BK40	1.50	9.25	0.375	0.211	0.69	7.87	M12	0.87	0.12	0.08	1.89	0.71	1.49	0.79	0.53	0.47	
BK50	2.00	10.00	0.50	0.282	0.67	8.66	M16	1.18	0.14	0.08	2.28	0.83	1.99	1.02	0.69	0.59	
BK60	2.375	10.75	0.625	0.354	0.455	9.84	M20	1.50	0.14	0.08	2.68	0.94	2.365	1.30	0.87	0.71	
BK70	3.00	12.44	0.75	0.423	0.71	11.02	M20	1.50	0.16	0.08	3.54	1.06	2.99	1.30	0.87	0.79	
BK80	3.875	14.17	1.00	0.566	0.785	12.60	M24	1.77	0.16	0.12	4.33	1.26	3.865	1.57	1.02	0.98	
BK90	4.50	17.01	1.00	0.566	0.63	15.75	M24	1.77	0.18	0.12	5.12	1.38	4.49	1.57	1.02	1.10	



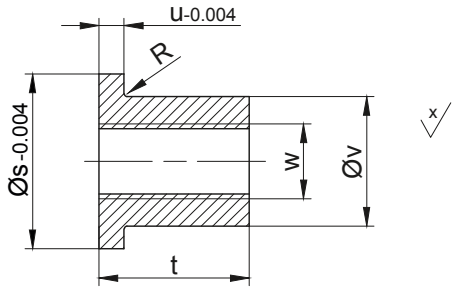
Installation Holding Dismantlement

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos.8 against loosening!

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Assembly tools for hollow shaft and keyway

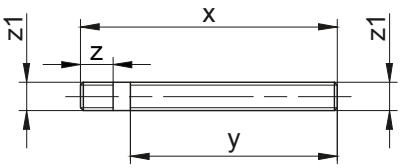
Position 3 Sleeve



Material: Steel, tensile strength ≥ 470 MPa

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

* Position 4 Stud bolt



Material: steel, tensile strength ≥ 1000 MPa Thread rolled

Type	Dimensions (inch)										* Retaining ring DIN 472	Hexagon nut DIN 394-8	Disc DIN 125-St	* Filister head screw DIN 912-8.8	Starting torque (Nm)	Hexagon bolt DIN EN 24017-8.8	Key DIN 6885 Width/Height/Length
	Position 3 Sleeve						Position 4 Stud bolt										
	s	t	u	v	w	R	x	y	z	z1	Pos.5	Pos.6	Pos.7	Pos.8		Pos.9	Pos.10
BK06	0.74	0.79	0.20	0.41	M8	0.03	5.12	3.94	0.79	M6	19x1	M6	6.4	M6x30	44.25	M6x120	3/16x3/16x2.48
BK10	0.99	0.94	0.20	0.61	M12	0.03	7.87	6.69	0.79	M8	25x1.2	M8	8.4	M8x30		M12x190	1/4x1/4x920
BK20	1.24	1.10	0.20	0.81	M14	0.03	9.06	7.68	0.91	M10	32x1.2	M10	10.5	M10x30	70.81	M14x210	1/4x1/4x5.510
BK30	1.365	1.10	0.20	0.93	M14	-	10.24	8.66	0.91	M10	35x1.5	M10	10x35	M10x35		M14x240	5/16x5/16x7.09
BK40	1.49	1.57	0.24	1.04	M20	0.03	11.81	10.24	1.10	M12	38x1.75	M12	13	M12x35	141.61	M20x290	3/8x3/8x7.87
BK50	1.99	1.89	0.24	1.43	M24	-	13.39	11.42	1.46	M16	50x2.0	M16	17	M16x40	265.52	M24x320	1/2x1/2x8.66
BK60	2.365	2.36	0.24	1.76	M30	-	14.57	12.20	1.77	M20	60x2.0	M20	21	M20x50	371.73	M30x350	5/8x5/8x9.84
BK70	2.99	2.36	0.32	2.29	M30	-	16.54	14.17	1.77	M20	78x2.5	M20	21	M20x50		M30x400	3/4x3/4x11.02
BK80	3.865	2.83	0.39	3.11	M36	-	18.90	16.14	2.17	M24	98x3.0	M24	25	M24x60	885.07	M36x450	1x1x12.6
BK90	4.49	2.83	0.39	3.66	M36	-	22.05	18.90	2.17	M24	115x4.0	M24	25	M24x60		M36x520	1x1x15.75

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

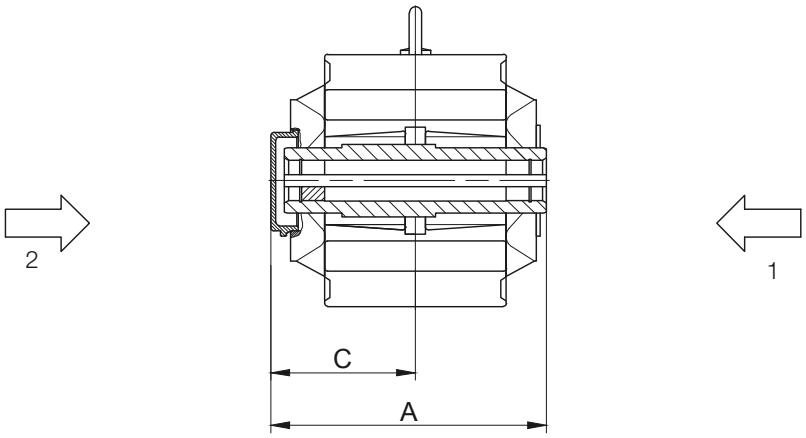
Optional

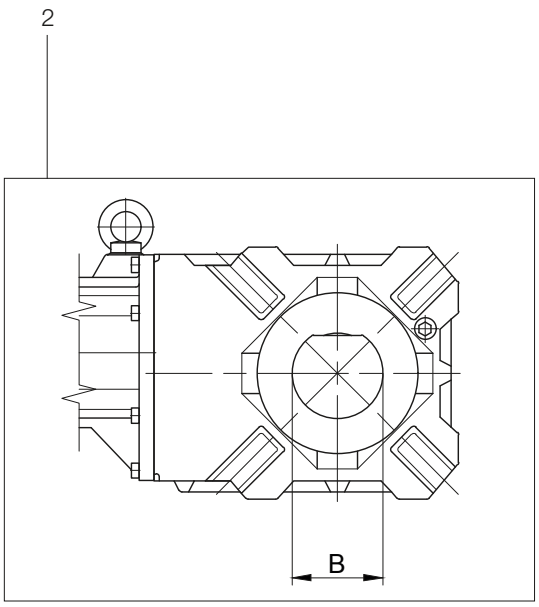
Type	Assembly tool „Holding“
BK06	available only on request
BK10	available only on request
BK20	available only on request
BK30	available only on request
BK40	available only on request
BK50	available only on request
BK60	available only on request
BK70	available only on request
BK80	available only on request
BK90	available only on request

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Additional Dimension Sheet Imperial

Shaft cap (VK)



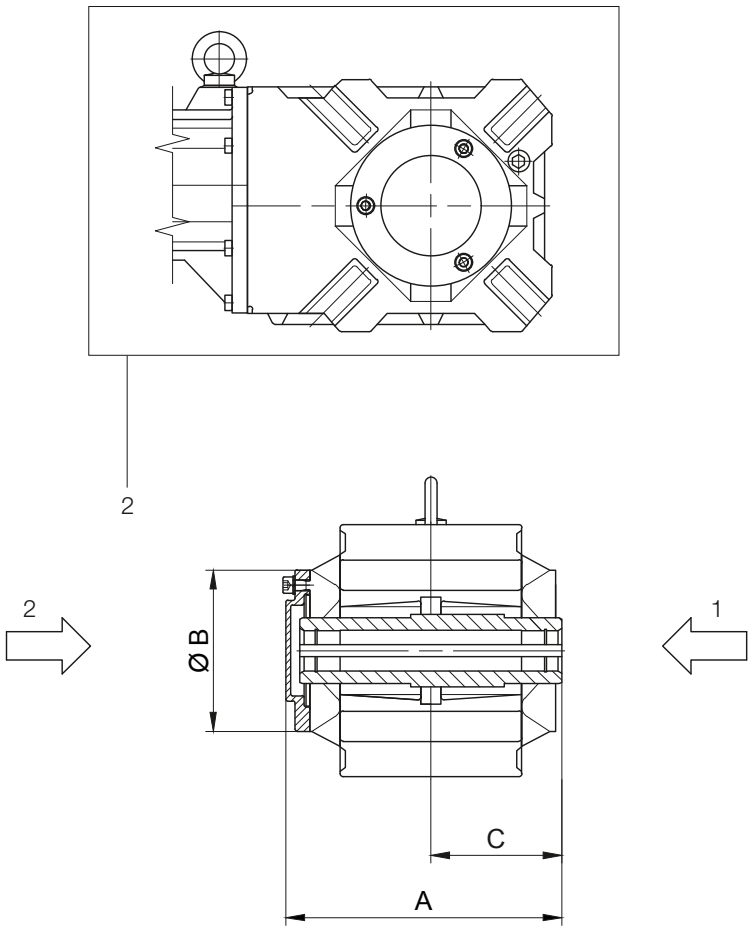


1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	A	B	C
BK10	7.19	3.35	3.84
BK20	8.05	3.54	4.27
BK40	10.77	3.94	5.65
BK50	11.73	4.53	6.18
BK60	12.68	5.12	6.73
BK70	14.57	6.30	7.64
Dimensions in inch			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shaft cover (VD)



1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	A	B	C
BK10	7.13	4.72	3.35
BK20	8.11	5.49	3.78
BK30	9.41	6.30	4.41
BK40	10.79	6.30	5.12
BK50	11.69	7.83	5.55
BK60	12.64	8.27	5.94
BK70	14.49	9.84	6.93
BK80	16.50	11.81	7.95
BK90	19.37	13.82	9.53
Dimensions in inch			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

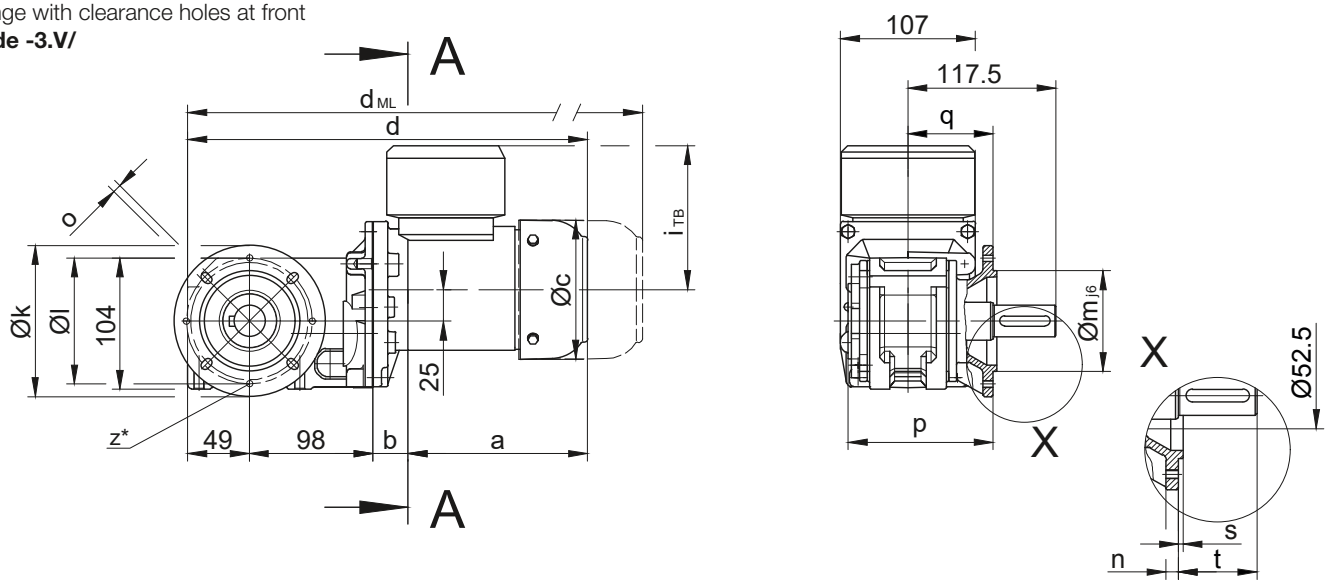
BK-series bevel-geared motors

Dimension - Standard Metric

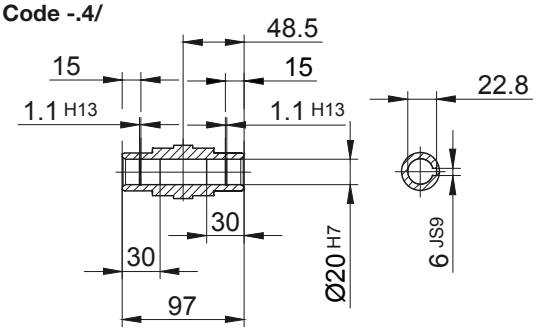
BK06

Flange with clearance holes at front

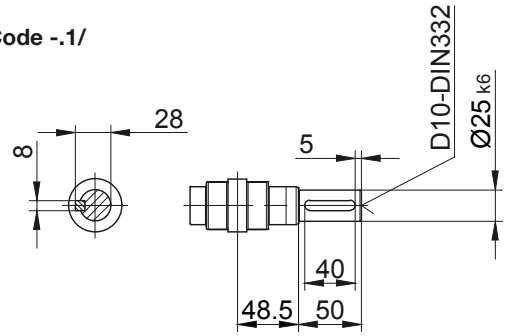
Code -3.V/



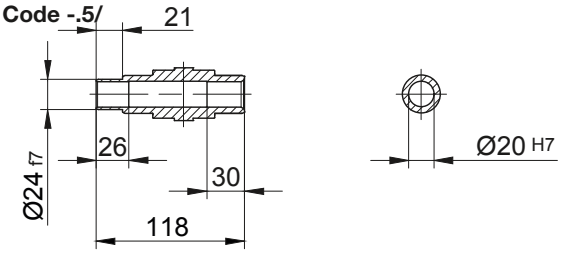
Code -.4/



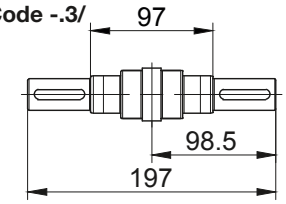
Code -.1/



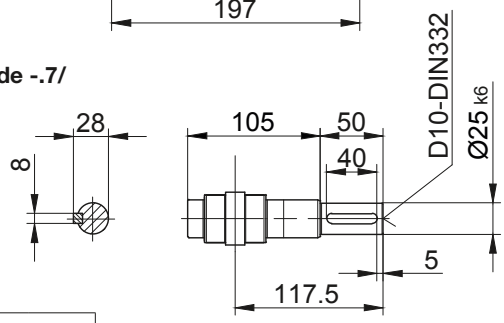
Code -.5/

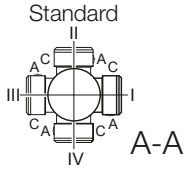


Code -.3/



Code -.7/





* optional 4xM6 for code -3.

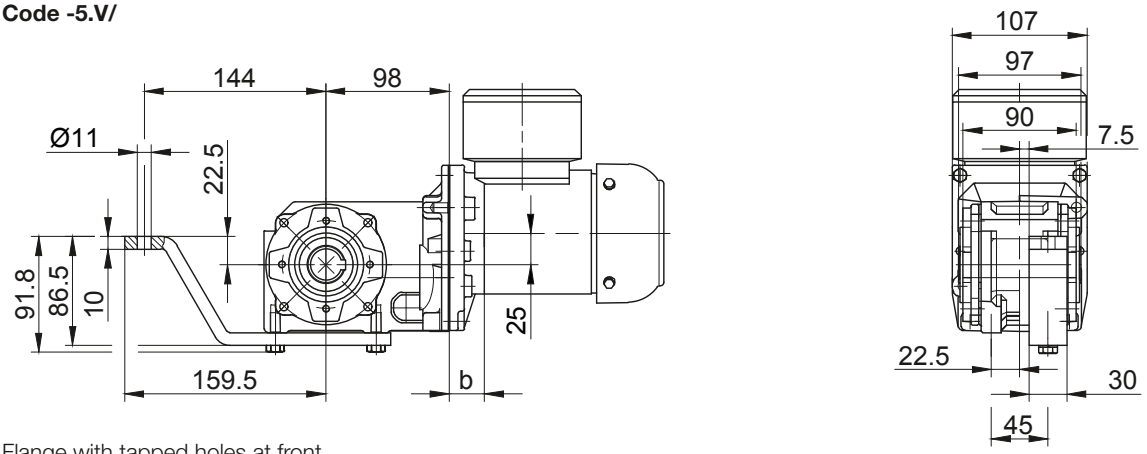
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK06	Code -3.V/	120	100	80	8	6.6	115	67.5	3	50
Dimensions in millimetres (mm)										

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK06-../D04.A.	142.5	28	110.5	317.5	90	112	361	405	448.5	-
BK06-../D..05.A.	170.5	30	123	347.5	101,5	117	389.5	450	487.5	-
BK06-../D..06.A.	170.5	30	123	347.5	101,5	119	389.5	450	487.5	-
BK06-../D..07.A.	190.5	30	123	367.5	101,5	119	409.5	470	507.5	-
BK06-../D..08.A.	199.5	74	156	420.5	116	136.5	486.5	532.5	594	486.5
BK06-../D..08.B.	229.5	74	156	450.5	116	136.5	516.5	562.5	623.5	516.5
Dimensions in millimetres (mm)										

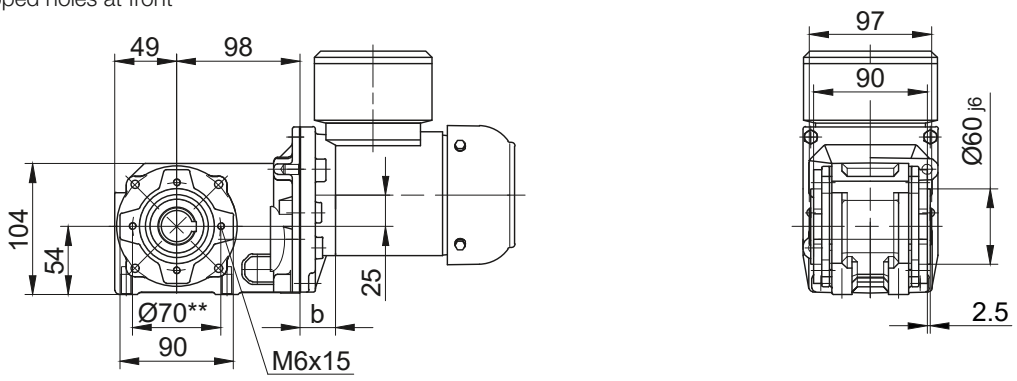
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK06

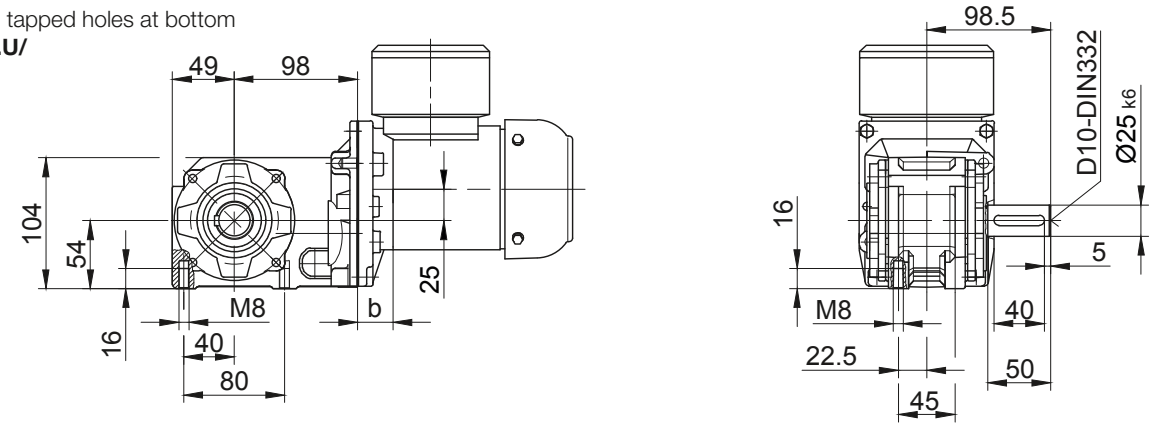
Torque arm at front
Code -5.V/



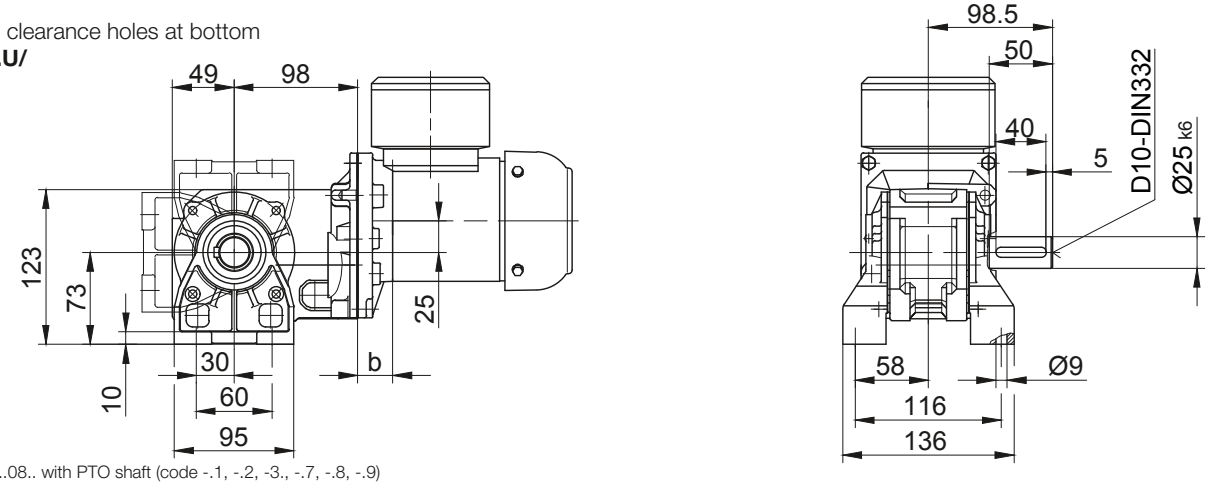
Flange with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



** not for D..08.. with PTO shaft (code -.1, -.2, -3., -.7, -.8, -.9)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

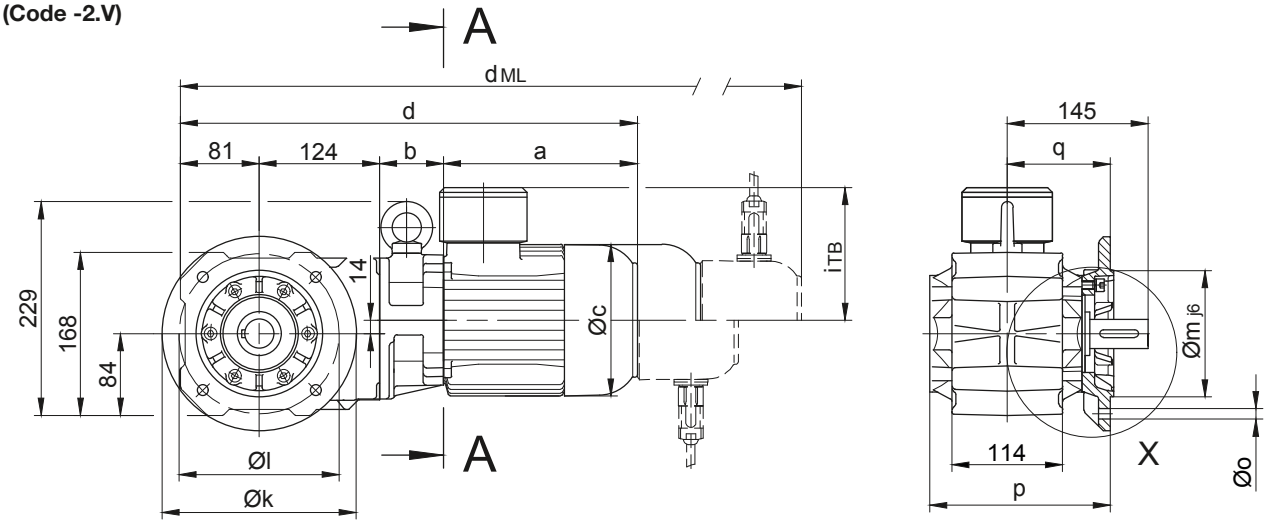
BK-series bevel-geared motors

Dimension - Standard Metric

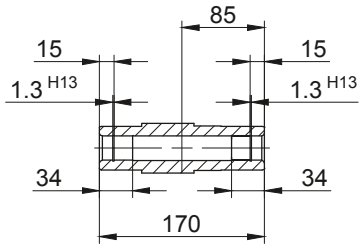
BK10 - BK10Z

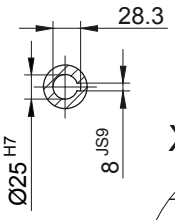
Flange with clearance holes at front

Code -3.V/
(Code -2.V)

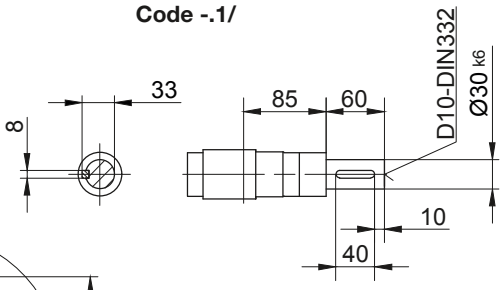


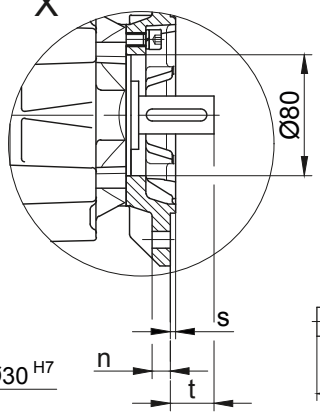
Code -.4/



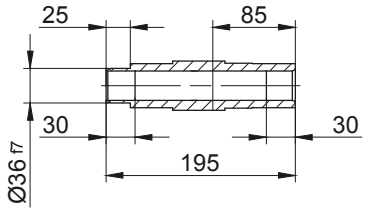


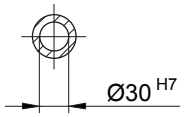
Code -.1/



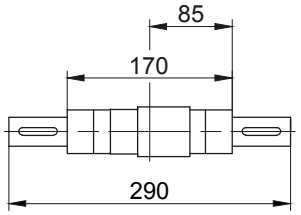


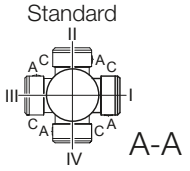
Code -.5/





Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK10..	Code -3.V/	200	165	130	12	11	186.5	106	3.5	39
BK10..	Code -2.V/	160	130	110	10	9	179.5	99	3.5	46
Dimensions in millimetres (mm)										

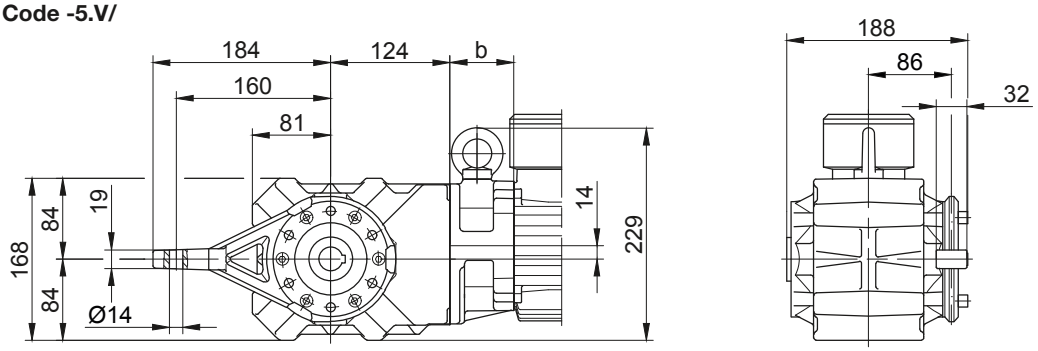
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK10Z-../D04.A.	142.5	86	110.5	433.5	90	112	477	521	564.5	-
BK10-../D..05.A.	170.5	62	123	437.5	101,5	117	479.5	540	577.5	-
BK10Z-../D..05.A.	170.5	88	123	463.5	101,5	117	505.5	566	603.5	-
BK10-../D..06.A.	170.5	62	123	437.5	101,5	119	479.5	540	577.5	-
BK10Z-../D..06.A.	170.5	88	123	463.5	101,5	119	505.5	566	603.5	-
BK10-../D..07.A.	190.5	62	123	457.5	101,5	119	499.5	560	597.5	-
BK10Z-../D..07.A.	190.5	88	123	483.5	101,5	119	525.5	586	623.5	-
BK10-../D..08.A.	199.5	66	156	470.5	116	136.5	536.5	582.5	644	536.5
BK10Z-../D..08.A.	199.5	132	156	536.5	116	136.5	602.5	648.5	710	602.5
BK10-../D..08.B.	229.5	66	156	500.5	116	136.5	566.5	612.5	673.5	566.5
BK10Z-../D..08.B.	229.5	132	156	566.5	116	136.5	632.5	678.5	739.5	632.5
BK10-../D..09.A.	250.5	80.5	176	536	125,5	157	629	643.5	733	629
BK10-../D..09.B.	308.5	80.5	176	594	125,5	157	687	701	791	687
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK10 - BK10Z

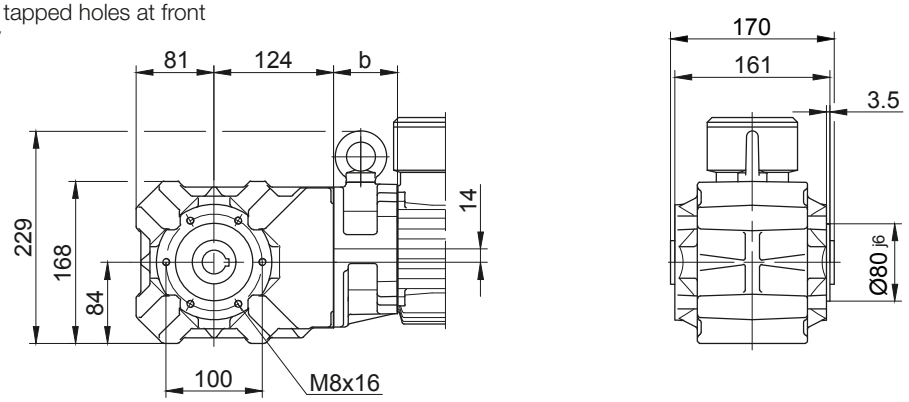
Torque arm at front

Code -5.V/



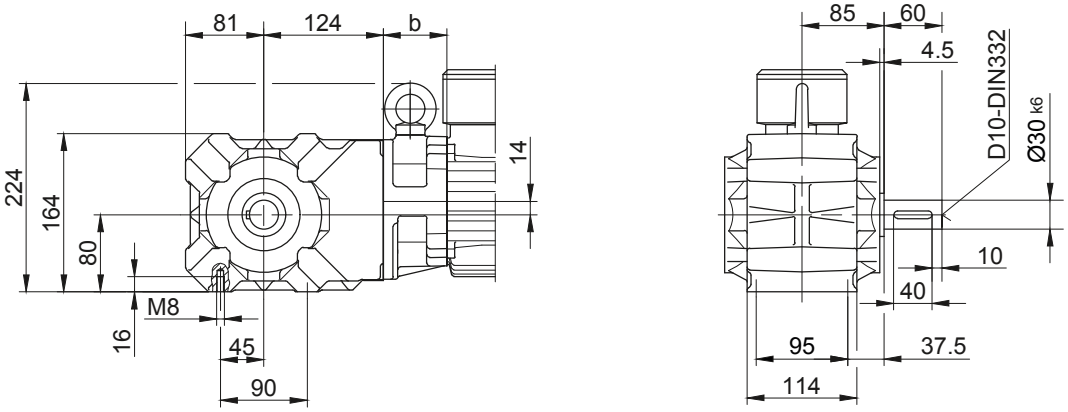
Flange with tapped holes at front

Code -7.V/



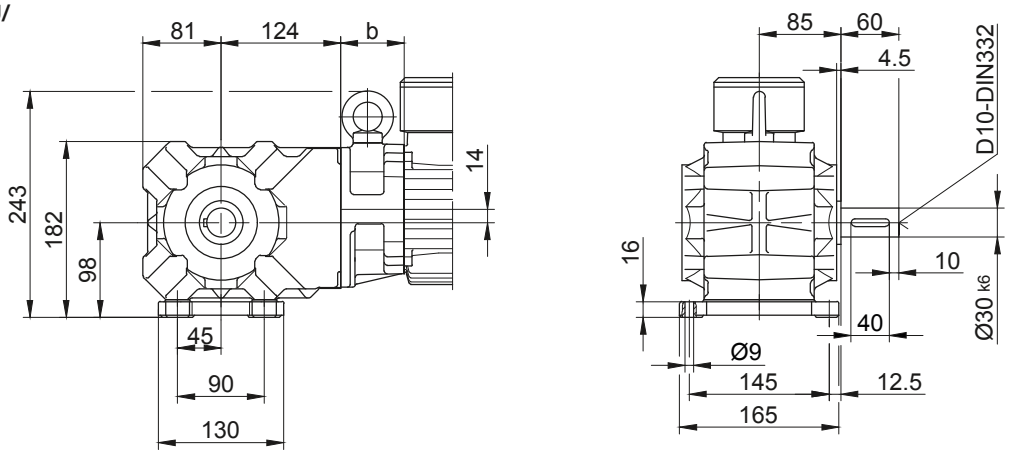
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

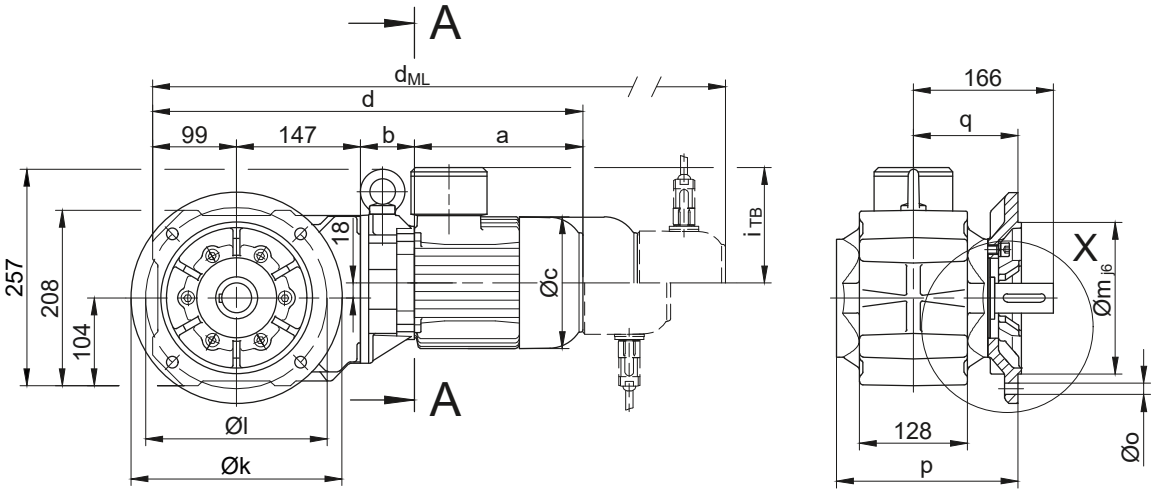
BK-series bevel-geared motors

Dimension - Standard Metric

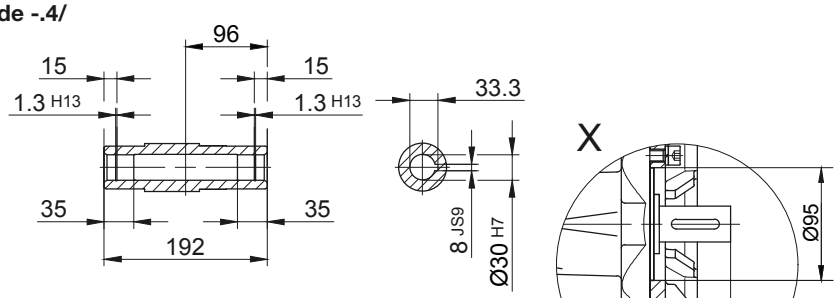
BK20 - BK20Z

Flange with clearance holes at front

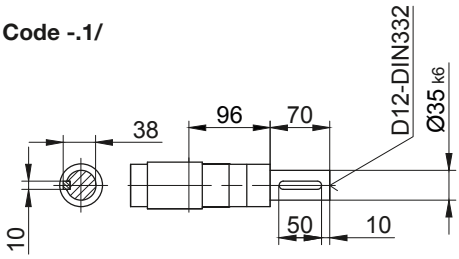
Code -3.V/
(Code -2.V)



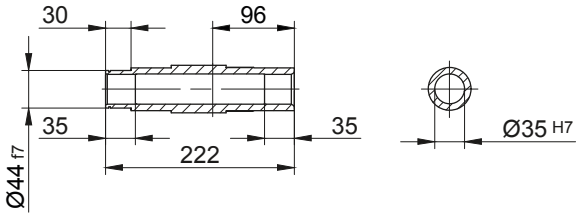
Code -.4/



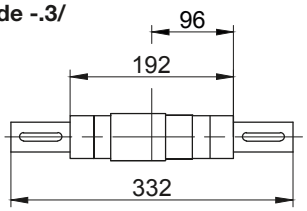
Code -.1/

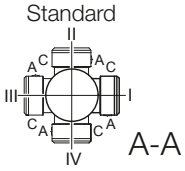


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK20..	Code -3.V/	250	215	180	16	13.5	215.5	124	4	42.5
BK20..	Code -2.V/	200	165	130	12	11	206.5	115	3.5	51
Dimensions in millimetres (mm)										

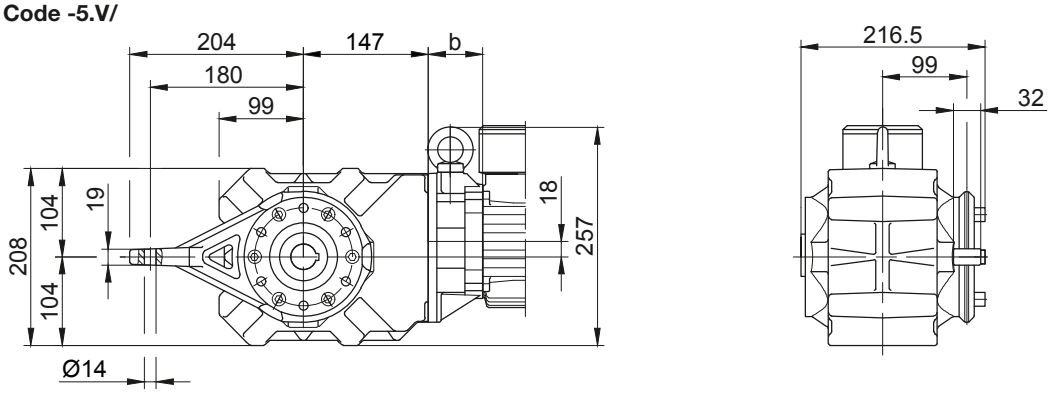
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK20Z-../D04.A.	142.5	100	110.5	488.5	90	112	532	576	619.5	-
BK20-../D..05.A.	170.5	60	123	476.5	101,5	117	518.5	579	616.5	-
BK20Z-../D..05.A.	170.5	102	123	518.5	101,5	117	560.5	621	658.5	-
BK20-../D..06.A.	170.5	60	123	476.5	101,5	119	518.5	579	616.5	-
BK20Z-../D..06.A.	170.5	102	123	518.5	101,5	119	560.5	621	658.5	-
BK20-../D..07.A.	190.5	60	123	496.5	101,5	119	538.5	599	636.5	-
BK20Z-../D..07.A.	190.5	102	123	538.5	101,5	119	580.5	641	678.5	-
BK20-../D..08.A.	199.5	64	156	509.5	116	136.5	575.5	621.5	683	575.5
BK20Z-../D..08.A.	199.5	146	156	591.5	116	136.5	657.5	703.5	765	657.5
BK20-../D..08.B.	229.5	64	156	539.5	116	136.5	605.5	651.5	712.5	605.5
BK20Z-../D..08.B.	229.5	146	156	621.5	116	136.5	687.5	733.5	794.5	687.5
BK20-../D..09.A.	250.5	78.5	176	575	125,5	157	741.5	682.5	772	668
BK20-../D..09.B.	308.5	78.5	176	633	125,5	157	620	740	830	726
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK20 - BK20Z

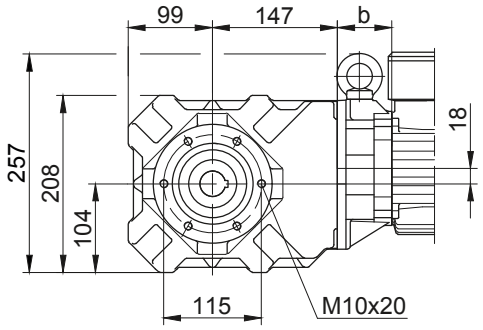
Torque arm at front

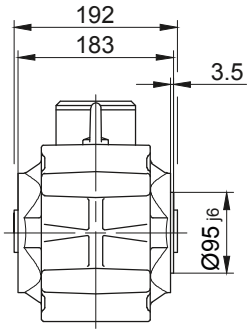
Code -5.V/



Flange with tapped holes at front

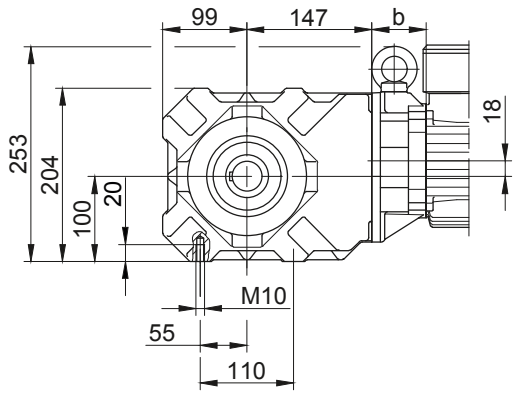
Code -7.V/

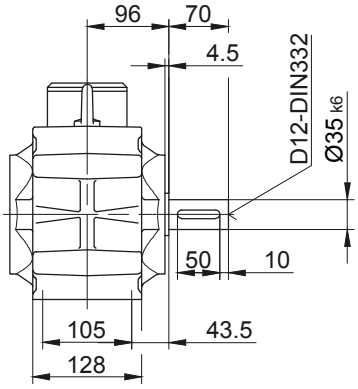




Foot with tapped holes at bottom

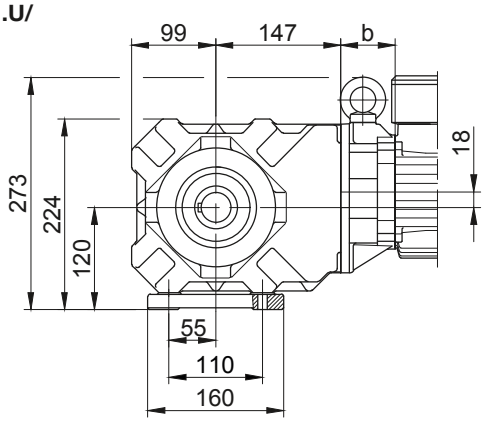
Code -6.U/

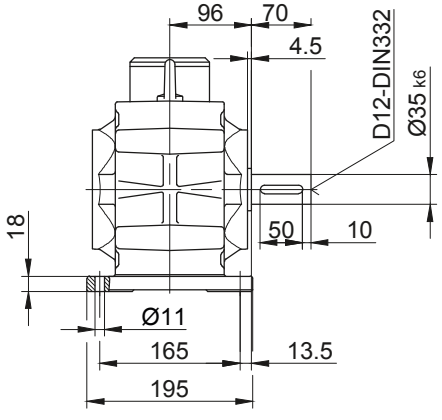




Foot with clearance holes at bottom

Code -1.U/





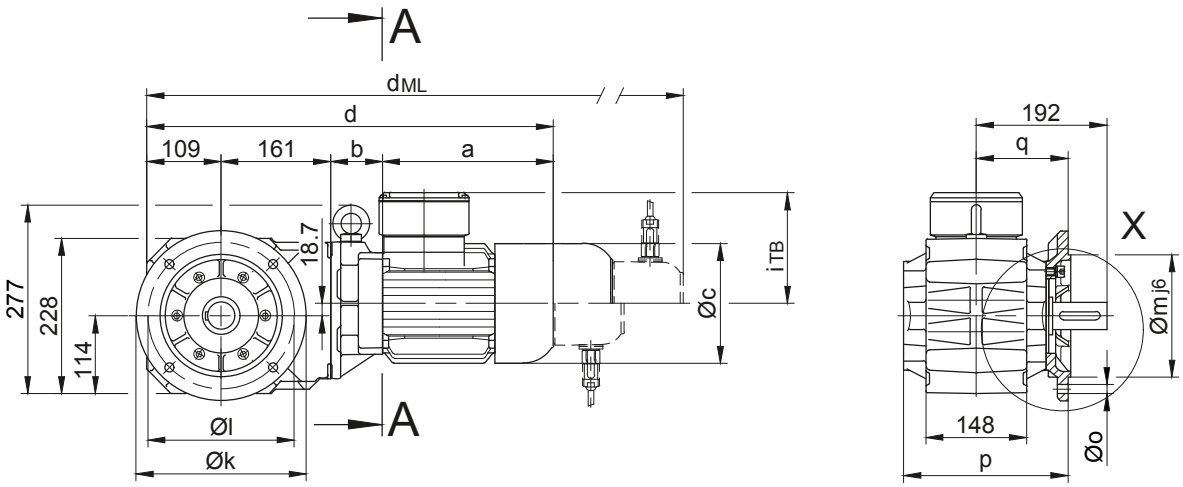
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

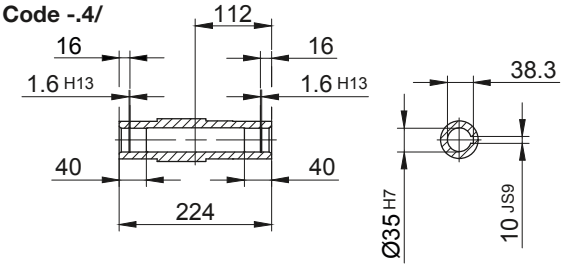
Dimension - Standard Metric

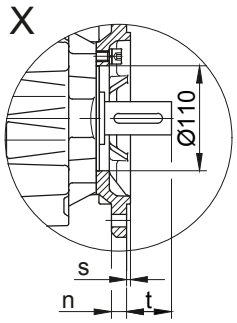
BK30 - BK30Z

Flange with clearance holes at front
Code -3.V/
(Code -2.V)

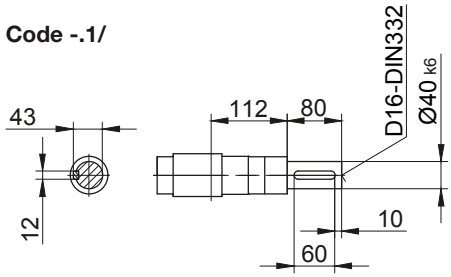


Code -.4/

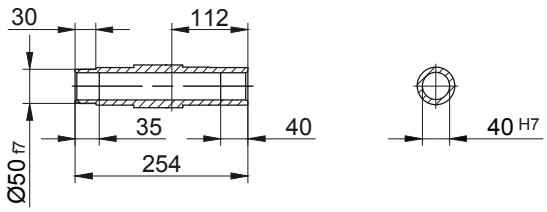




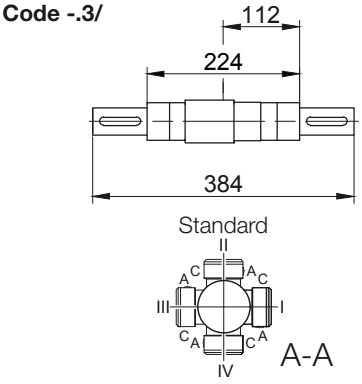
Code -.1/



Code -.5/



Code -.3/



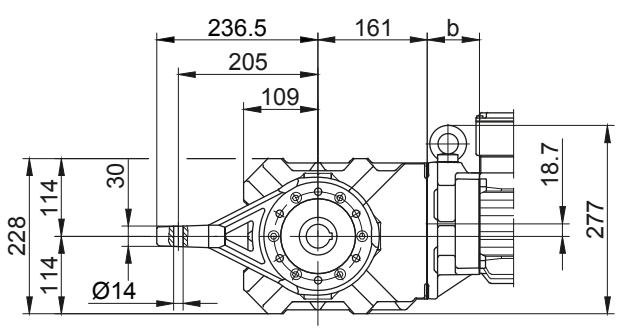
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK30..	Code -3.V/	250	215	180	16	13.5	242	135	4	57
BK30..	Code -2.V/	200	165	130	12	11	239	132	3.5	59.5
Dimensions in millimetres (mm)										

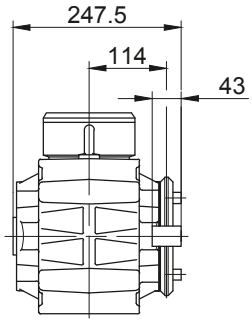
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK30-../D..05.A.	170.5	58	123	498.5	101,5	117	540.5	601	638.5	-
BK30Z-../D..05.A.	170.5	133.5	123	574	101,5	117	616	676.5	714	-
BK30-../D..06.A.	170.5	58	123	498.5	101,5	119	540.5	601	638.5	-
BK30Z-../D..06.A.	170.5	133.5	123	574	101,5	119	616	676.5	714	-
BK30-../D..07.A.	190.5	58	123	518.5	101,5	119	560.5	621	658.5	-
BK30Z-../D..07.A.	190.5	133.5	123	594	101,5	119	636	696.5	734	-
BK30-../D..08.A.	199.5	62	156	531.5	116	136.5	597.5	643.5	705	597.5
BK30Z-../D..08.A.	199.5	137.5	156	607	116	136.5	673	719	780.5	673
BK30-../D..08.B.	229.5	62	156	561.5	116	136.5	627.5	673.5	734.5	627.5
BK30Z-../D..08.B.	229.5	137.5	156	637	116	136.5	703	749	810	703
BK30-../D..09.A.	250.5	76.5	176	597	125,5	157	690	704.5	794	690
BK30Z-../D..09.A.	250.5	152	176	672.5	125,5	157	765.5	780	869.5	765.5
BK30-../D..09.B.	308.5	76.5	176	655	125,5	157	748	762	852	748
BK30Z-../D..09.B.	308.5	152	176	730.5	125,5	157	823.5	837.5	927.5	823.5
BK30-../D..11.A.	319	83	218	672	165	176	770	779.5	872	770
BK30-../D..11.B.	387	83	218	740	165	176	836	847.5	940	836
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

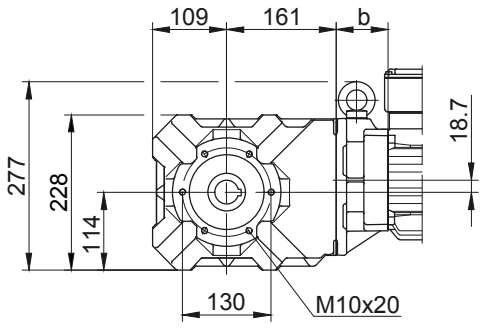
BK30 - BK30Z

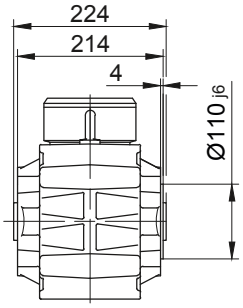
Torque arm at front
Code -5.V/



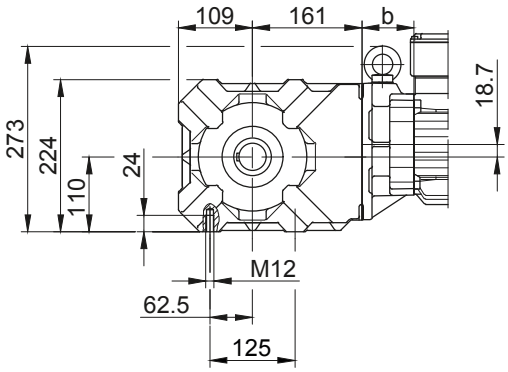


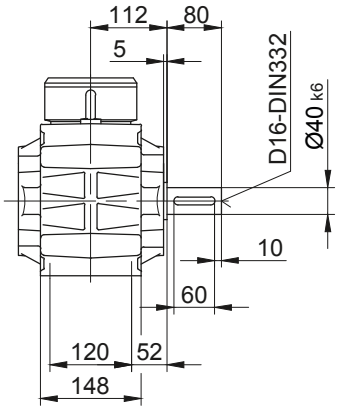
Flange with tapped holes at front
Code -7.V/



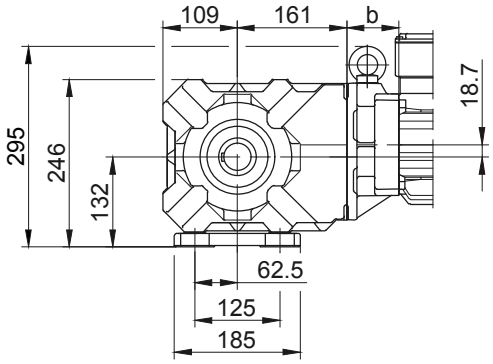


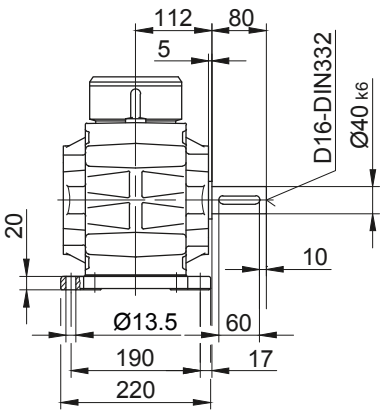
Foot with tapped holes at bottom
Code -6.U/





Foot with clearance holes at bottom
Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

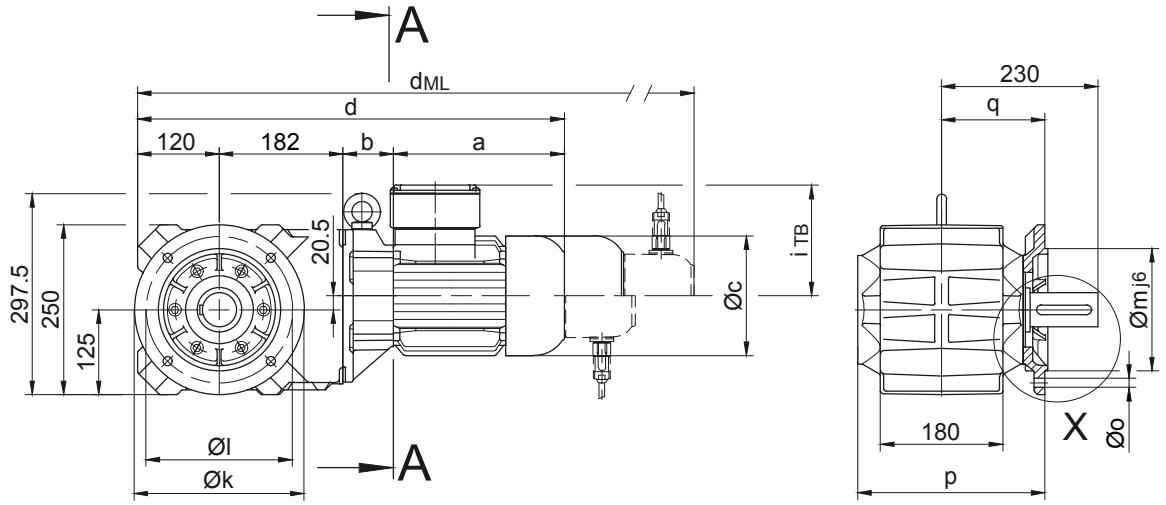
BK-series bevel-geared motors

Dimension - Standard Metric

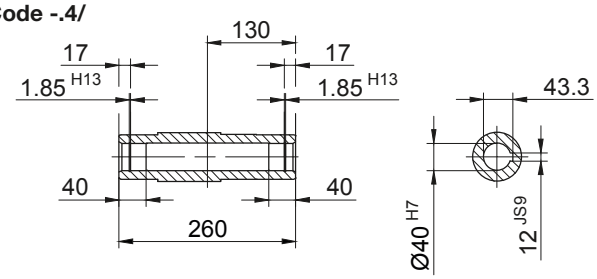
BK40 - BK40Z

Flange with clearance holes at front

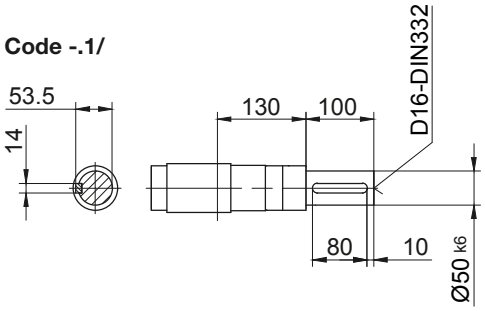
Code -3.V/
(Code -4.V)

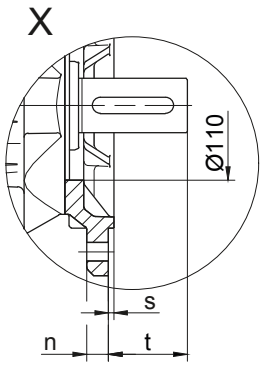


Code -.4/

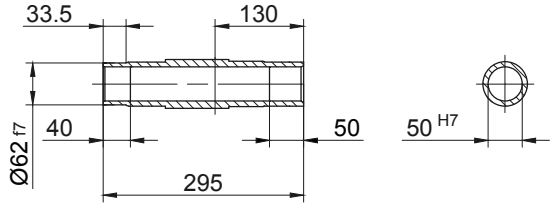


Code -.1/

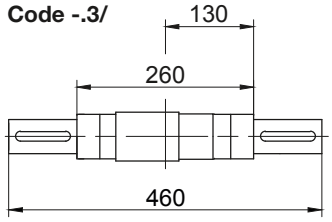


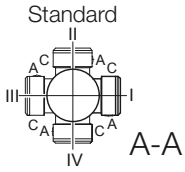


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK40..	Code -3.V/	250	215	180	16	13.5	276	152	4	78
BK40..	Code -4.V/	300	265	230	20	13.5	282	158	4	72
Dimensions in millimetres (mm)										

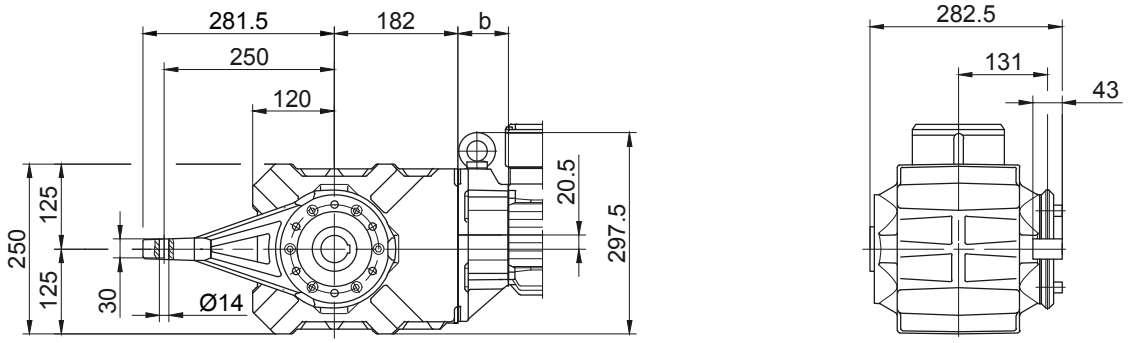
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK40Z-../D..05.A.	170.5	138.5	123	611	101,5	117	653	713.5	751	-
BK40Z-../D..06.A.	170.5	138.5	123	611	101,5	119	653	713.5	751	-
BK40Z-../D..07.A.	190.5	138.5	123	631	101,5	119	673	733.5	771	-
BK40-../D..08.A.	199.5	60	156	561.5	116	136.5	627.5	673.5	735	627.5
BK40Z-../D..08.A.	199.5	142.5	156	644	116	136.5	710	756	817.5	710
BK40-../D..08.B.	229.5	60	156	591.5	116	136.5	657.5	703.5	764.5	657.5
BK40Z-../D..08.B.	229.5	142.5	156	674	116	136.5	740	786	847	740
BK40-../D..09.A.	250.5	74.5	176	627	125,5	157	720	734.5	824	720
BK40Z-../D..09.A.	250.5	157	176	709.5	125,5	157	802.5	817	906.5	802.5
BK40-../D..09.B.	308.5	74.5	176	685	125,5	157	778	792	882	778
BK40Z-../D..09.B.	308.5	157	176	767.5	125,5	157	860.5	874.5	964.5	860.5
BK40-../D..11.A.	319	81	218	702	165	176	800	809.5	902	800
BK40-../D..11.B.	387	81	218	770	165	176	866	877.5	970	866
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK40 - BK40Z

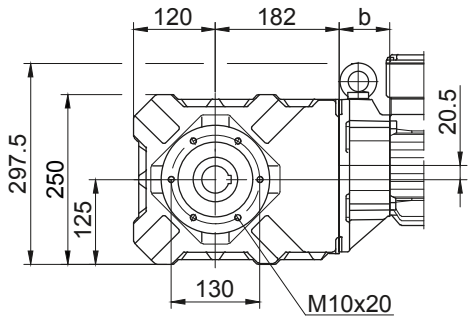
Torque arm at front

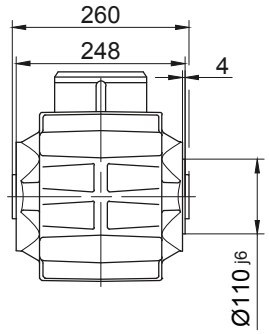
Code -5.V/



Flange with tapped holes at front

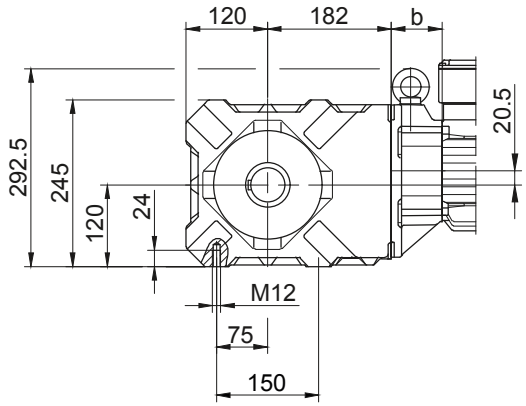
Code -7.V/

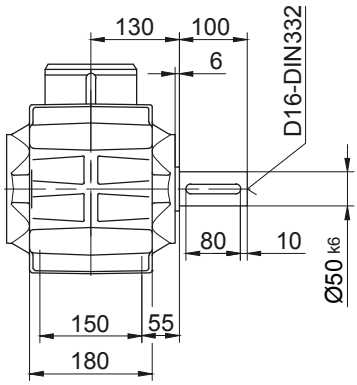




Foot with tapped holes at bottom

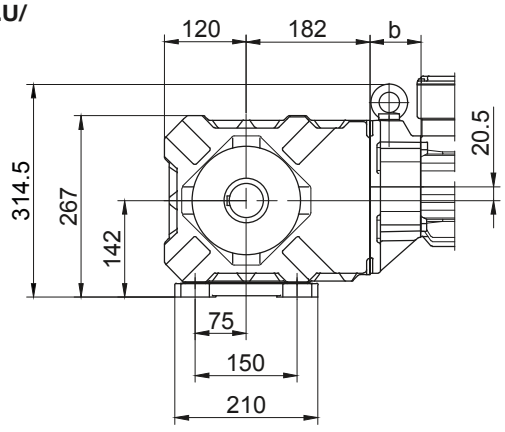
Code -6.U/

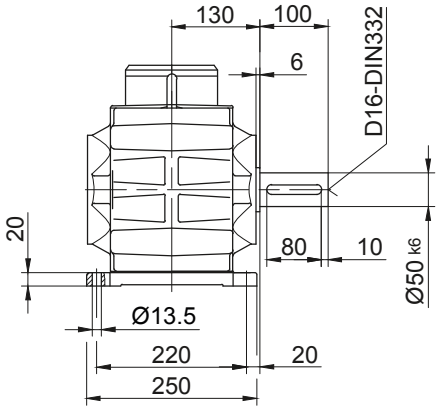




Foot with clearance holes at bottom

Code -1.U/





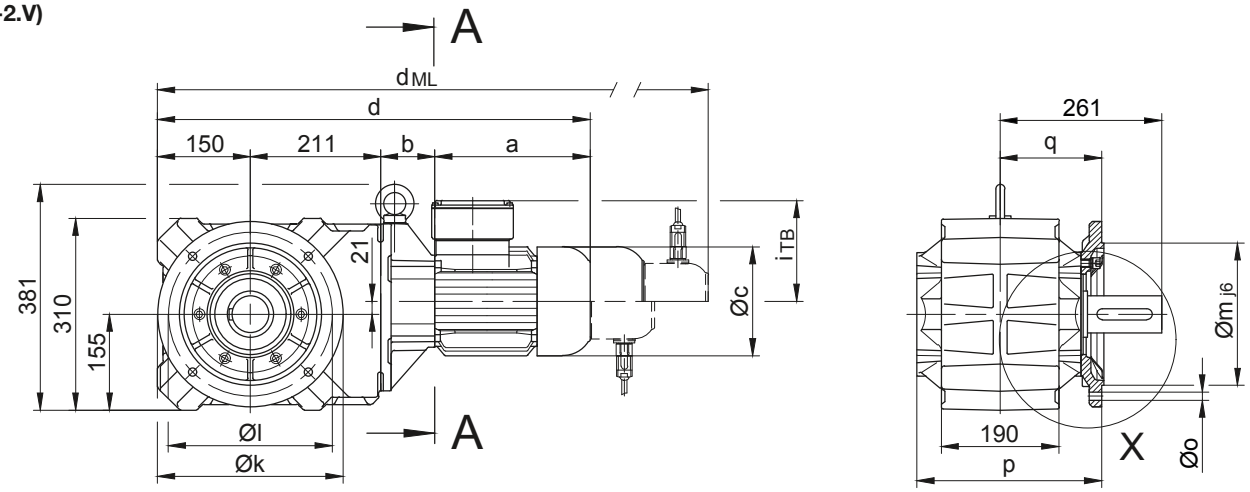
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

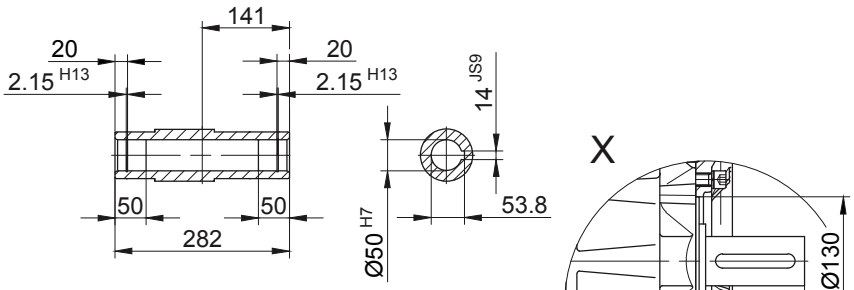
Dimension - Standard Metric

BK50 - BK50Z

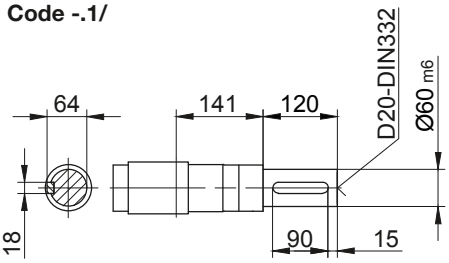
Flange with clearance holes at front
Code -3.V/
(Code -2.V)

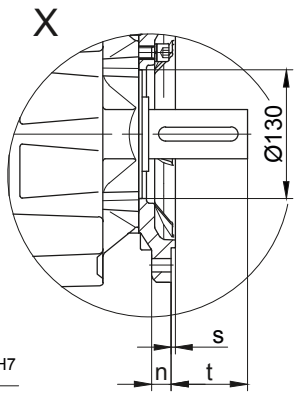


Code -.4/

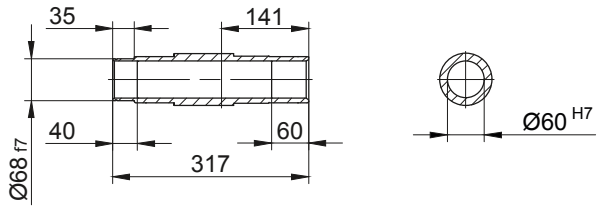


Code -.1/

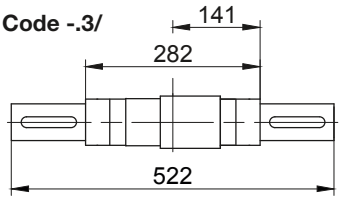


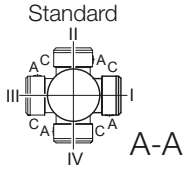


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK50..	Code -3.V/	300	265	230	20	13.5	299	164	4	97
BK50..	Code -2.V/	250	215	180	16	13.5	296	161	4	100
Dimensions in millimetres (mm)										

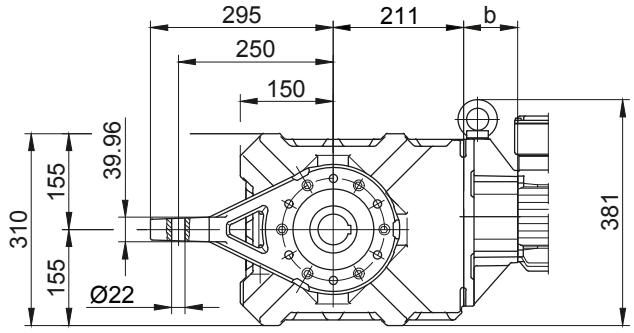
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK50Z-../D..05.A.	170.5	155	123	686.5	101,5	117	728.5	789	826.5	-
BK50Z-../D..06.A.	170.5	155	123	686.5	101,5	119	728.5	789	826.5	-
BK50Z-../D..07.A.	190.5	155	123	706.5	101,5	119	748.5	809	846.5	-
BK50-../D..08.A.	199.5	73	156	633.5	116	136.5	699.5	745.5	807	699.5
BK50Z-../D..08.A.	199.5	159	156	719.5	116	136.5	785.5	831.5	893	785.5
BK50-../D..08.B.	229.5	73	156	663.5	116	136.5	729.5	775.5	836.5	729.5
BK50Z-../D..08.B.	229.5	159	156	749.5	116	136.5	815.5	861.5	922.5	815.5
BK50-../D..09.A.	250.5	87.5	176	699	125,5	157	792	806.5	896	792
BK50Z-../D..09.A.	250.5	173.5	176	785	125,5	157	878	892.5	982	878
BK50-../D..09.B.	308.5	87.5	176	757	125,5	157	850	864	954	850
BK50Z-../D..09.B.	308.5	173.5	176	843	125,5	157	936	950	1040	936
BK50-../D..11.A.	319	94	218	774	165	176	872	881.5	974	872
BK50-../D..11.B.	387	94	218	842	165	176	938	949.5	1042	938
BK50-../D..13.A.	393	107	258	861	217	217	972	968	1073	969
BK50-../D..16.B.	454.5	121	310	936.5	243	243	1080	1043.5	1183.5	1080
BK50-../D..18.B.	542	143	348	1046	288	288	1195.5	1151.5	1299	1195.5
Dimensions in millimetres (mm)										

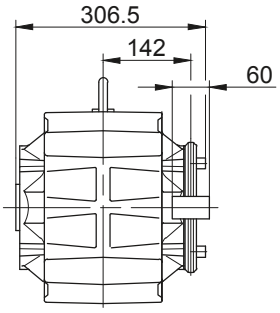
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK50 - BK50Z

Torque arm at front

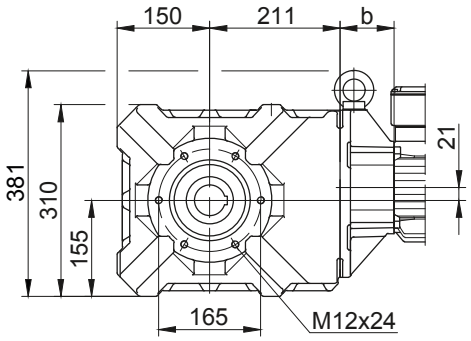
Code -5.V/

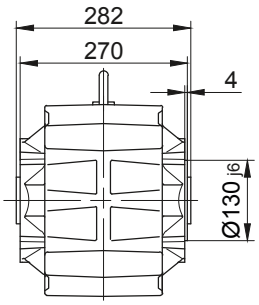




Flange with tapped holes at front

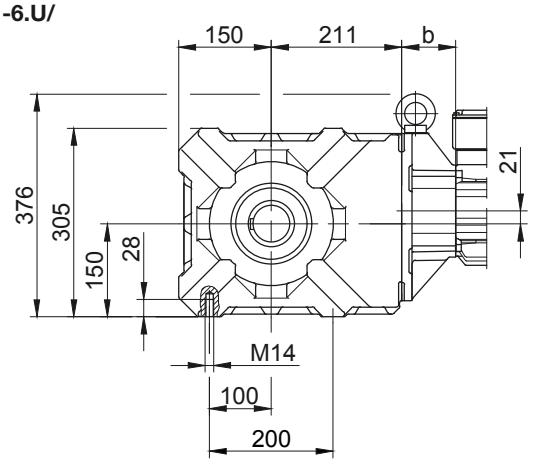
Code -7.V/

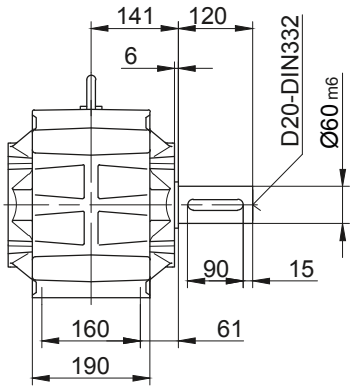




Foot with tapped holes at bottom

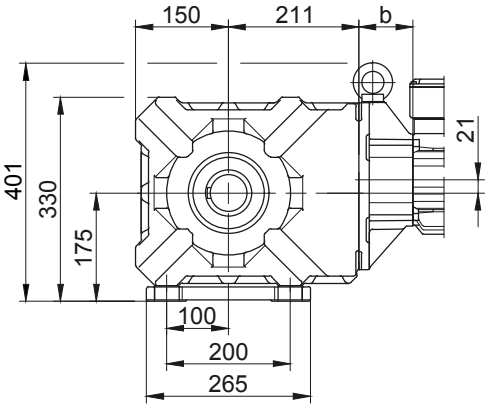
Code -6.U/

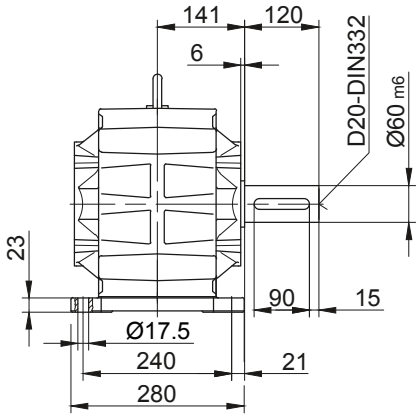




Foot with clearance holes at bottom

Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

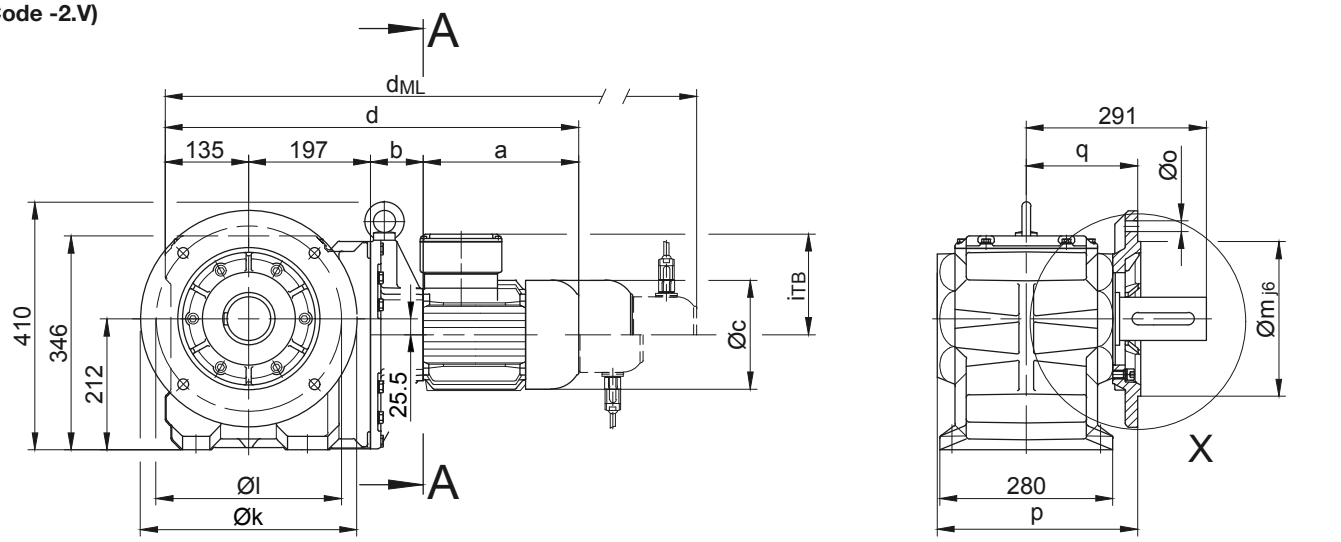
BK-series bevel-geared motors

Dimension - Standard Metric

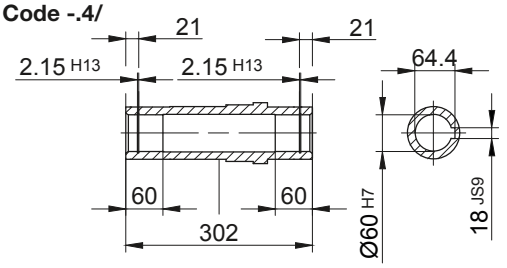
BK60 - BK60Z

Flange with clearance holes at front

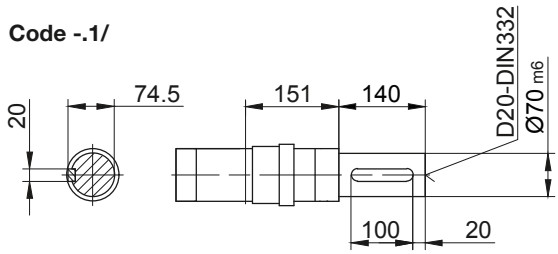
Code -3.V/
(Code -2.V)

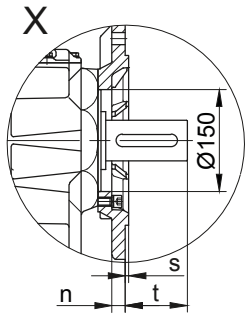


Code -.4/

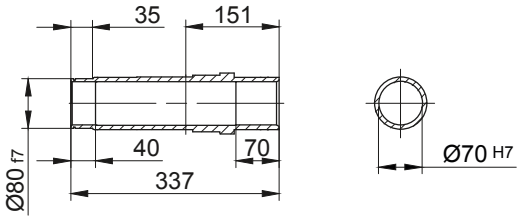


Code -.1/

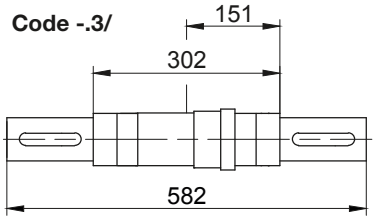


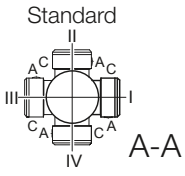


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK60..	Code -3.V/	350	300	250	20	17.5	324	180	5	112
BK60..	Code -2.V/	300	265	230	20	13.5	332	188	4	103
Dimensions in millimetres (mm)										

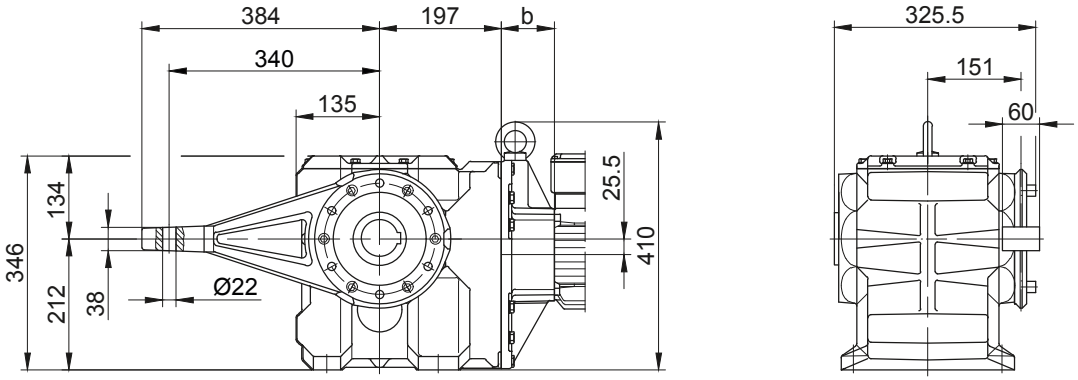
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK60Z-../D..08.A.	199.5	181	156	712.5	116	136.5	778.5	824.5	886	778.5
BK60Z-../D..08.B.	229.5	181	156	742.5	116	136.5	808.5	854.5	915.5	808.5
BK60-../D..09.A.	250.5	85.5	176	668	125,5	157	761	775.5	865	761
BK60Z-../D..09.A.	250.5	195.5	176	778	125,5	157	871	885.5	975	871
BK60-../D..09.B.	308.5	85.5	176	726	125,5	157	819	833	923	819
BK60Z-../D..09.B.	308.5	195.5	176	836	125,5	157	929	943	1033	929
BK60-../D..11.A.	319	92	218	743	165	176	841	850.5	943	841
BK60Z-../D..11.A.	319	202	218	853	165	176	951	960.5	1053	951
BK60-../D..11.B.	387	92	218	811	165	176	907	918.5	1011	907
BK60Z-../D..11.B.	387	202	218	921	165	176	1017	1028.5	1121	1017
BK60-../D..13.A.	393	105	258	830	217	217	941	937	1042	938
BK60-../D..16.B.	454.5	119	310	905.5	243	243	1049	1012.5	1152.5	1049
BK60-../D..18.B.	542	141	348	1015	288	288	1164.5	1120.5	1268	1164.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK60 - BK60Z

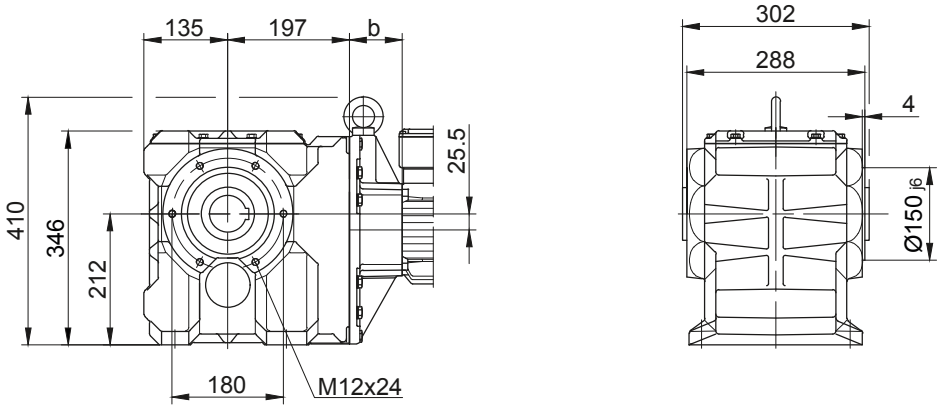
Torque arm at front

Code -5.V/



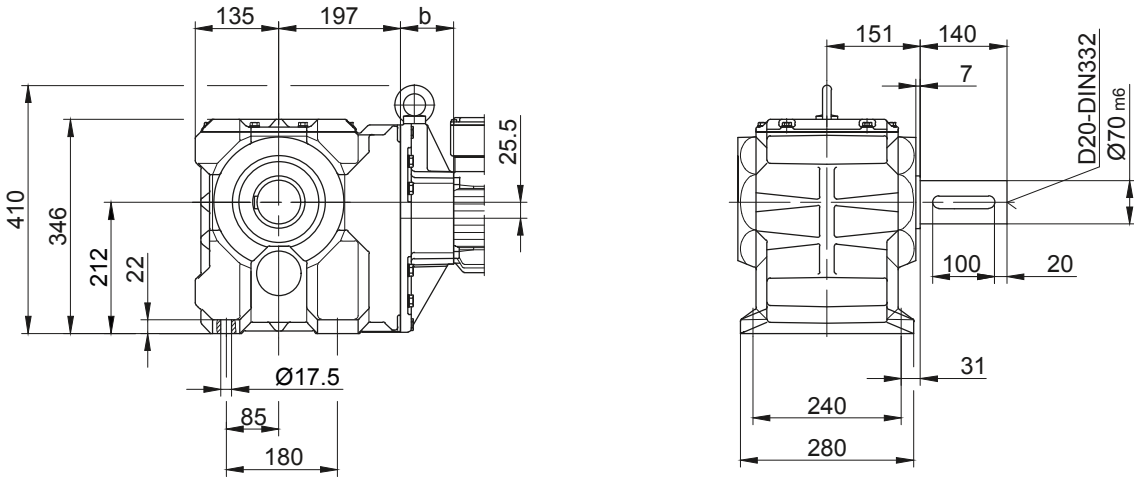
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

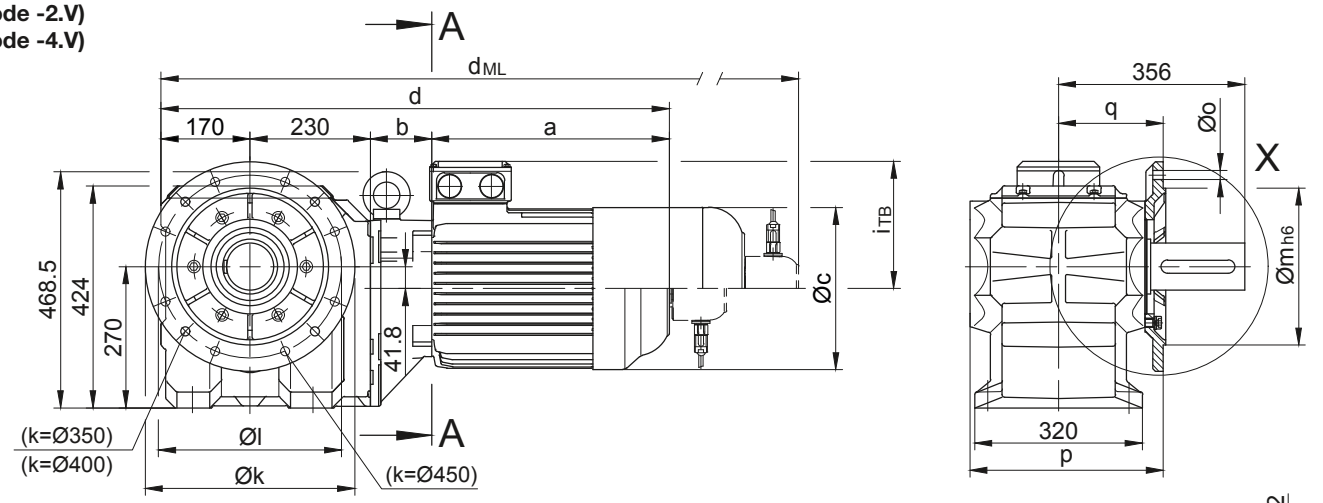
BK-series bevel-geared motors

Dimension - Standard Metric

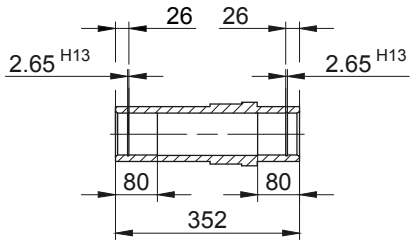
BK70 - BK70Z

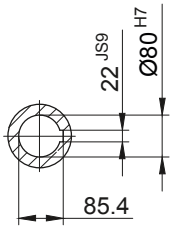
Flange with clearance holes at front

Code -3.V/
(Code -2.V)
(Code -4.V)

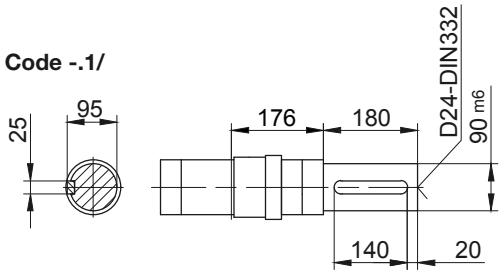


Code -.4/

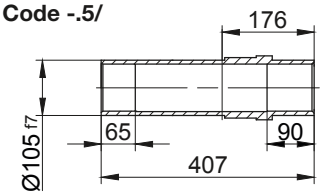


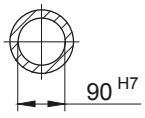


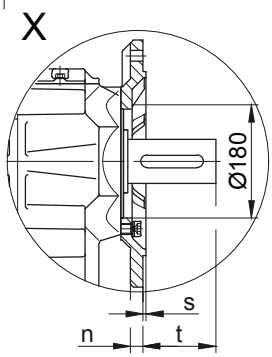
Code -.1/



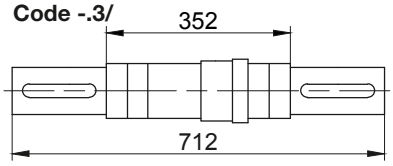
Code -.5/

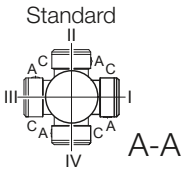






Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK70..	Code -3.V/	400	350	300	20	4 x 17.5	369	200	5	157
BK70..	Code -2.V/	350	300	250	20	4 x 17.5	369	200	5	157
BK70..	Code -4.V/	450	400	350	22	4 x 17.5	379	210	5	147
Dimensions in millimetres (mm)										

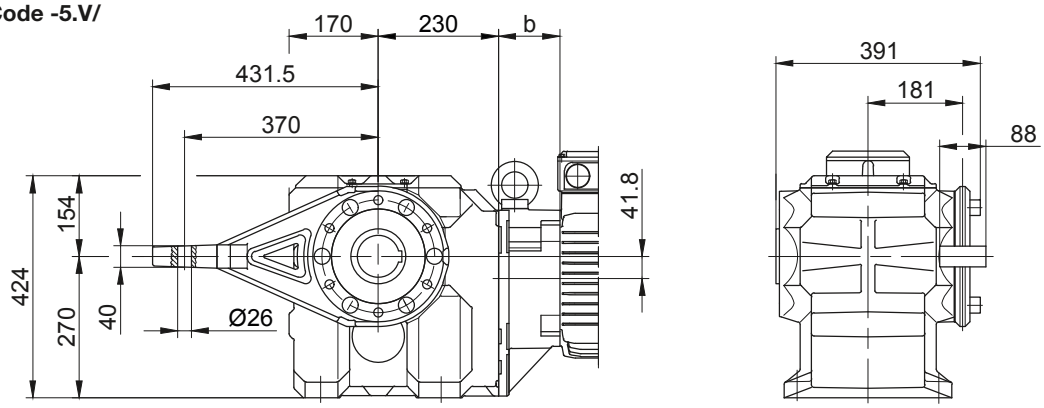
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK70Z-../D..08.A.	199.5	202	156	801.5	116	136.5	867.5	913.5	975	867.5
BK70Z-../D..08.B.	229.5	202	156	831.5	116	136.5	897.5	943.5	1004.5	897.5
BK70-../D..09.A.	250.5	83.5	176	734	125,5	157	827	841.5	931	827
BK70Z-../D..09.A.	250.5	216.5	176	867	125,5	157	960	974.5	1064	960
BK70-../D..09.B.	308.5	83.5	176	792	125,5	157	885	899	989	885
BK70Z-../D..09.B.	308.5	216.5	176	925	125,5	157	1018	1032	1122	1018
BK70-../D..11.A.	319	90	218	809	165	176	907	916.5	1009	907
BK70Z-../D..11.A.	319	223	218	942	165	176	1040	1049.5	1142	1040
BK70-../D..11.B.	387	90	218	877	165	176	973	984.5	1077	973
BK70Z-../D..11.B.	387	223	218	1010	165	176	1106	1117.5	1210	1106
BK70-../D..13.A.	393	103	258	896	217	217	1007	1003	1108	1004
BK70Z-../D..13.A.	393	236	258	1029	217	217	1140	1136	1241	1137
BK70-../D..16.B.	454.5	117	310	971.5	243	243	1115	1078.5	1218.5	1115
BK70Z-../D..16.B.	454.5	250	310	1104.5	243	243	1248	1211.5	1351.5	1248
BK70-../D..18.B.	542	139	348	1081	288	288	1230.5	1186.5	1334	1230.5
BK70Z-../D..18.B.	542	272	348	1214	288	288	1363.5	1319.5	1467	1363.5
BK70-../D..20.A.	703.5	156	363	1259.5	302	302	1387	1365	1492.5	1259.5
BK70-../D..22.A.	703.5	156	363	1259.5	302	302	1387	1365	1492.5	1259.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK70 - BK70Z

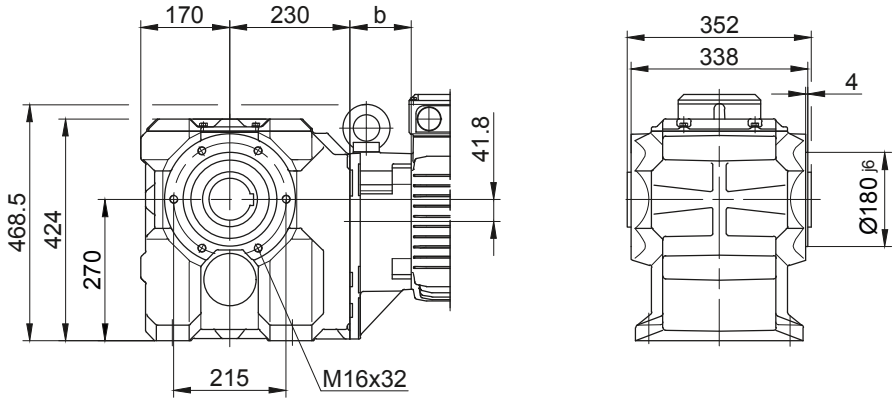
Torque arm at front

Code -5.V/



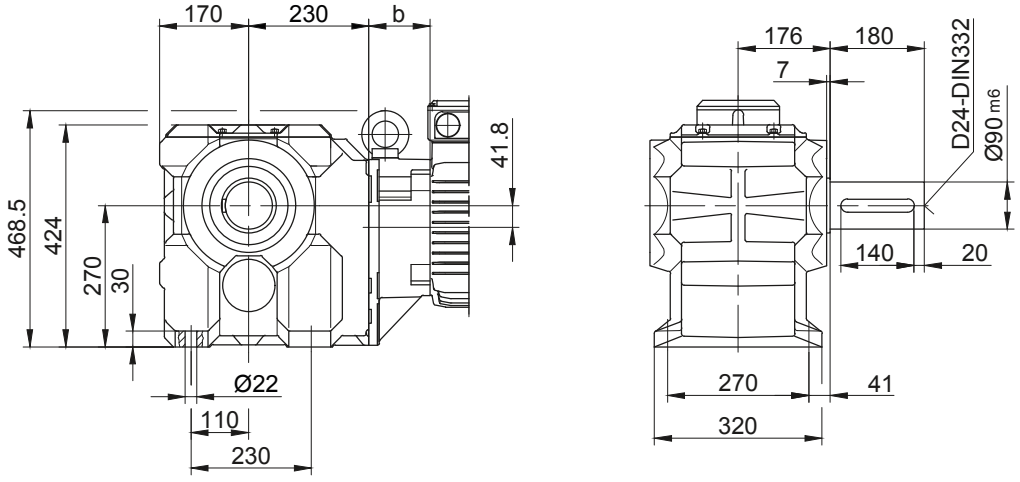
Flange with tapped holes at front

Code -7.V/

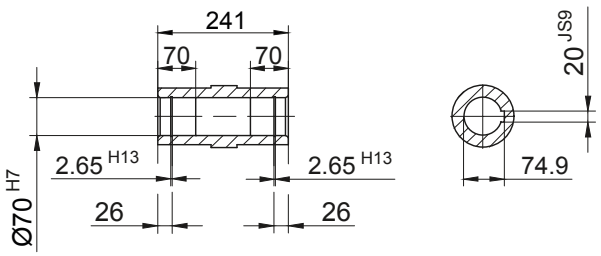


Foot with clearance holes at bottom

Code -1.U/



Code -.4/K70



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

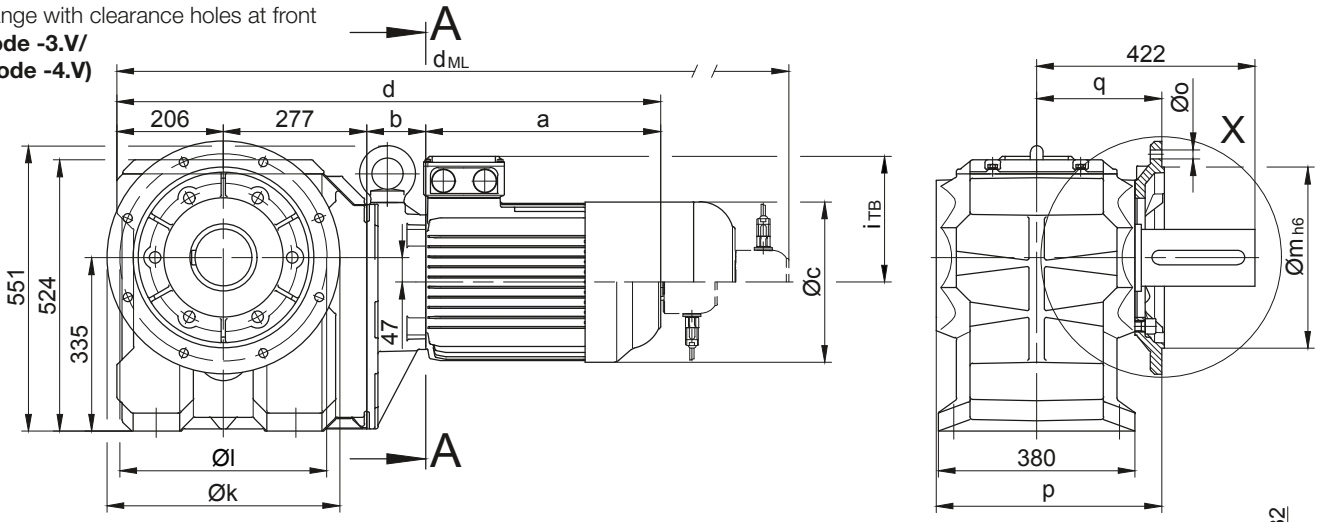
BK-series bevel-geared motors

Dimension - Standard Metric

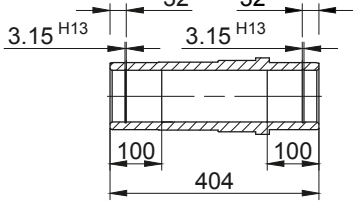
BK80 - BK80Z

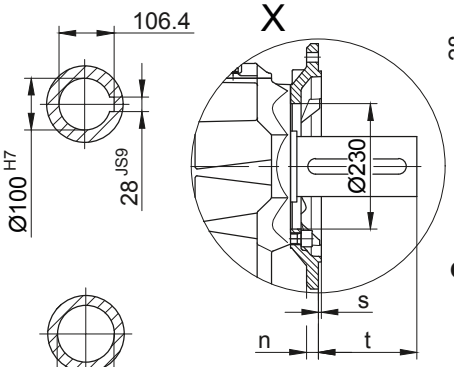
Flange with clearance holes at front

Code -3.V/
(Code -4.V)

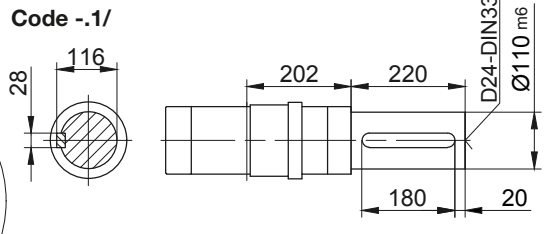


Code -.4/

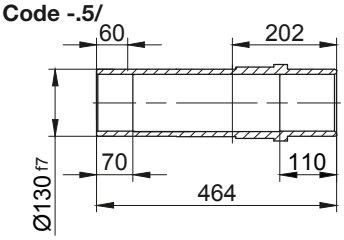


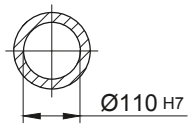


Code -.1/

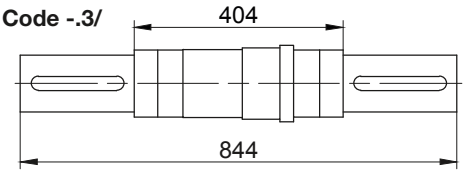


Code -.5/

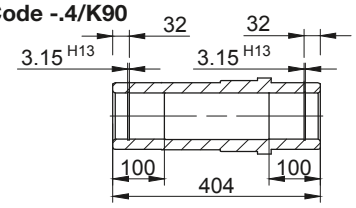


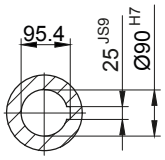


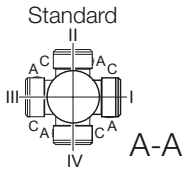
Code -.3/



Code -.4/K90







Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK80..	Code -3.V/	450	400	350	22	17.5	439	245	5	178
BK80..	Code -4.V/	550	500	450	22	17.5	444	250	5	173
Dimensions in millimetres (mm)										

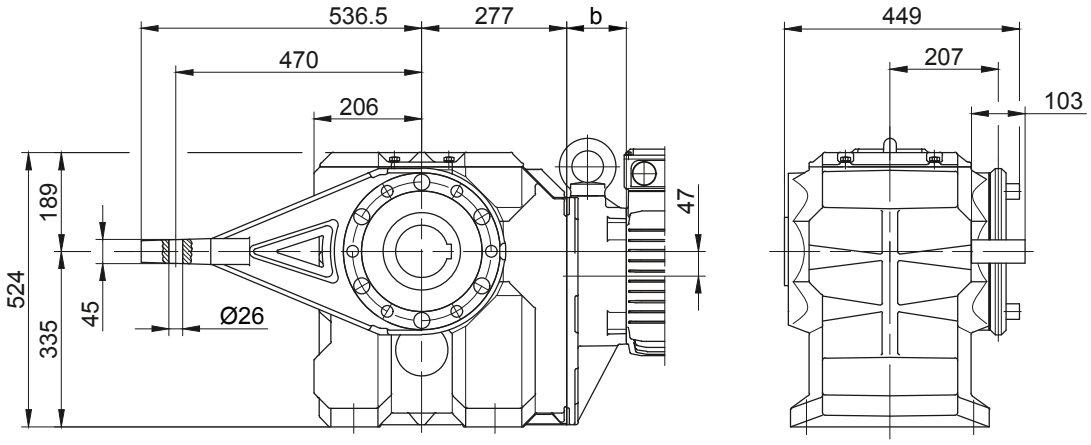
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK80Z-../D..09.A.	250.5	252.5	176	986	125,5	157	1079	1093.5	1183	1079
BK80Z-../D..09.B.	308.5	252.5	176	1044	125,5	157	1137	1151	1241	1137
BK80-../D..11.A.	319	87	218	889	165	176	987	996.5	1089	987
BK80Z-../D..11.A.	319	259	218	1061	165	176	987	1168.5	1261	1159
BK80-../D..11.B.	387	87	218	957	165	176	1053	1064.5	1157	1053
BK80Z-../D..11.B.	387	259	218	1129	165	176	1225	1236.5	1329	1225
BK80-../D..13.A.	393	100	258	976	217	217	1087	1083	1188	1084
BK80Z-../D..13.A.	393	272	258	1148	217	217	1259	1255	1360	1256
BK80-../D..16.B.	454.5	114	310	1051.5	243	243	1195	1158.5	1298.5	1195
BK80Z-../D..16.B.	454.5	286	310	1223.5	243	243	1367	1330.5	1470.5	1367
BK80-../D..18.B.	542	136	348	1161	288	288	1217	1266.5	1414	1310.5
BK80Z-../D..18.B.	542	308	348	1333	288	288	1389	1438.5	1586	1482.5
BK80-../D..20.A.	703.5	153	363	1339.5	302	302	1467	1445	1572.5	1339.5
BK80-../D..22.A.	703.5	153	363	1339.5	302	302	1467	1445	1572.5	1339.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK80 - BK80Z

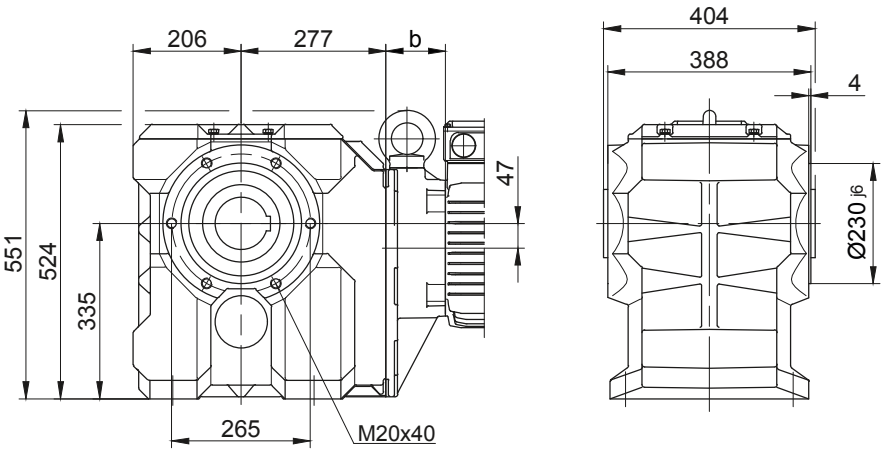
Torque arm at front

Code -5.V/



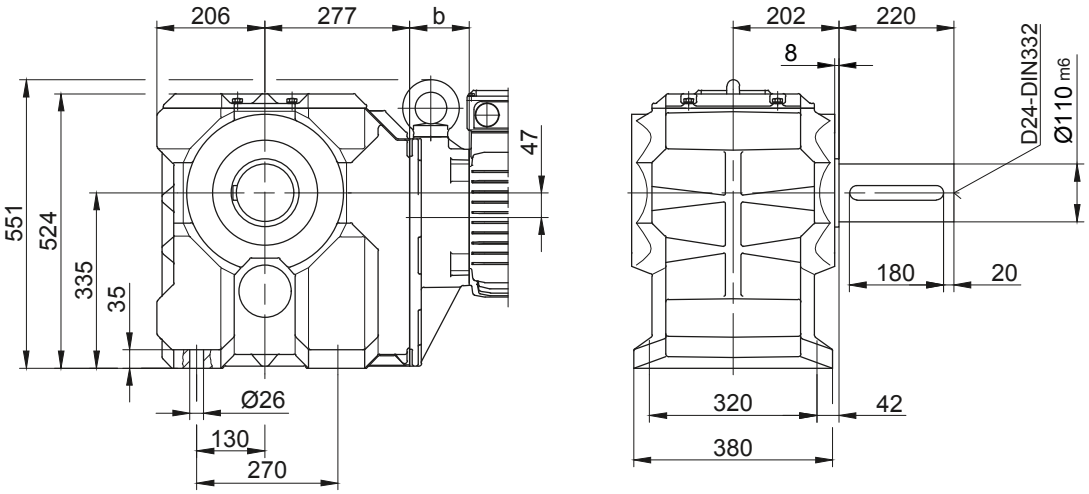
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

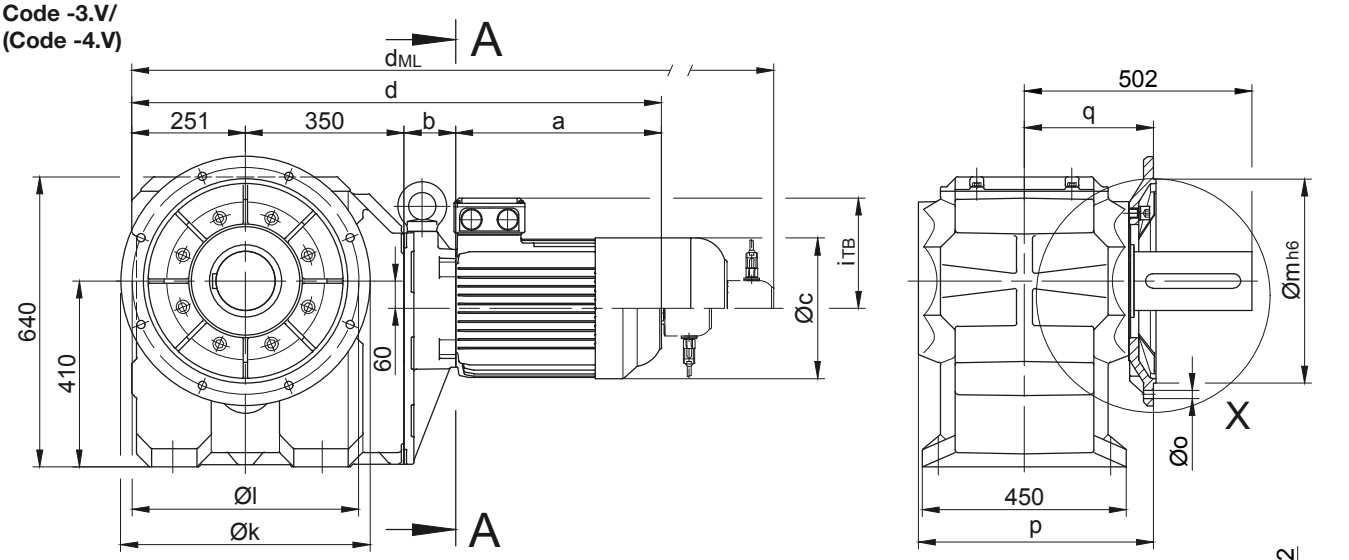
BK-series bevel-geared motors

Dimension - Standard Metric

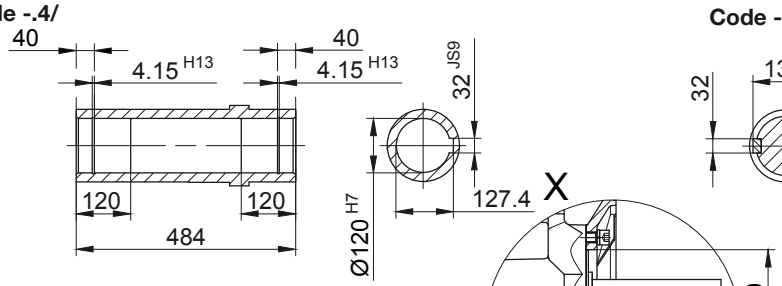
BK90 - BK90Z

Flange with clearance holes at front

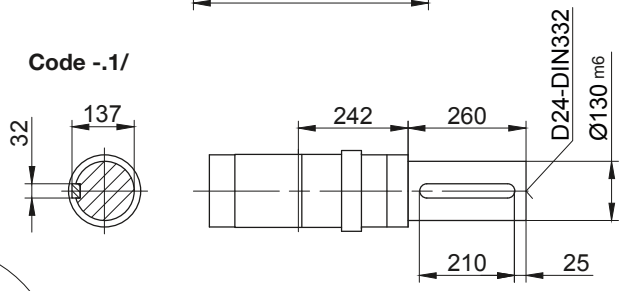
Code -3.V/
(Code -4.V)

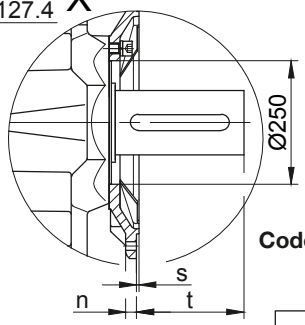


Code -.4/

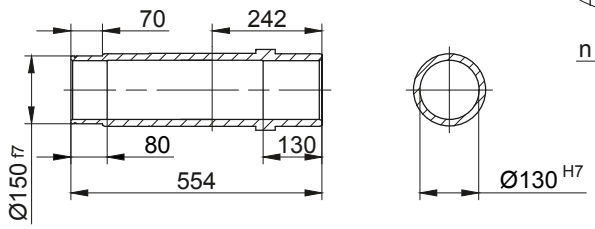


Code -.1/

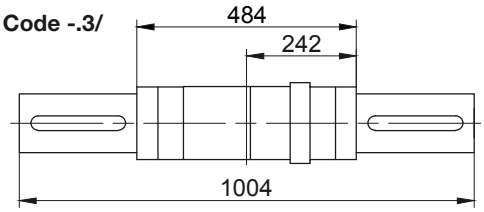


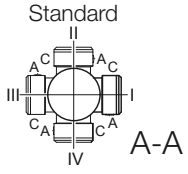


Code -.5/



Code -.3/





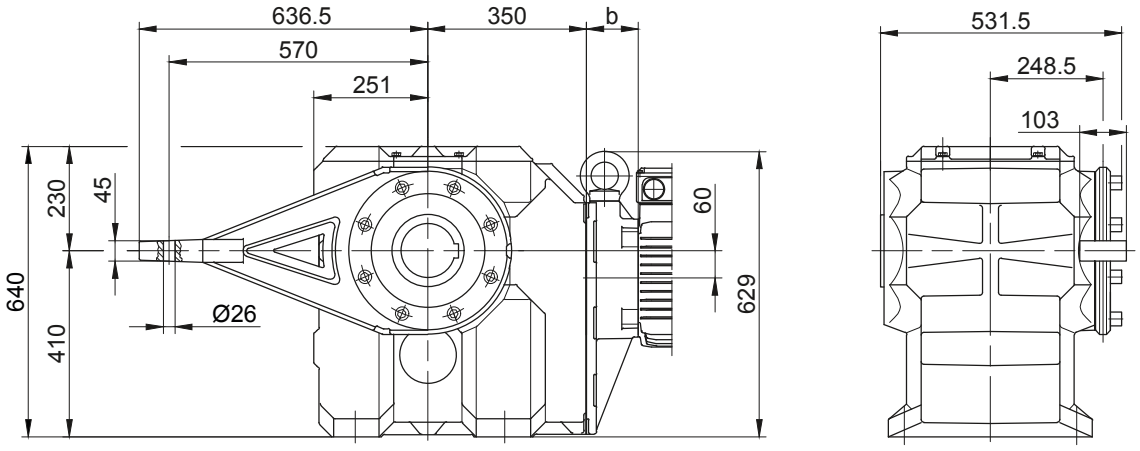
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK90..	Code -3.V/	550	500	450	22	17.5	519	285	5	218
BK90..	Code -4.V/	660	600	550	25	22	513	279	6	225
Dimensions in millimetres (mm)										

Type	a	b	c	d	i	Design with motor extensions				
						iTB	Brake	Encoder	Brake with Encoder	Back Stop
							dML	dML	dML	dML
BK90Z-../D..09.A.	250.5	267	176	1118.5	125,5	157	1211.5	1226	1315.5	1211.5
BK90Z-../D..09.B.	308.5	267	176	1176.5	125,5	157	1269.5	1283.5	1373.5	1269.5
BK90Z-../D..11.A.	319	273.5	218	1193.5	165	176	1291.5	1301	1393.5	1291.5
BK90Z-../D..11.B.	387	273.5	218	1261.5	165	176	1357.5	1369	1461.5	1357.5
BK90-../D..13.A.	393	100	258	1094	217	217	1205	1201	1306	1202
BK90Z-../D..13.A.	393	286.5	258	1280.5	217	217	1391.5	1387.5	1492.5	1388.5
BK90-../D..16.B.	454.5	114	310	1169.5	243	243	1313	1276.5	1416.5	1313
BK90Z-../D..16.B.	454.5	300.5	310	1356	243	243	1499.5	1463	1603	1499.5
BK90-../D..18.B.	542	136	348	1279	288	288	1428.5	1384.5	1532	1428.5
BK90Z-../D..18.B.	542	322.5	348	1465.5	288	288	1615	1571	1718.5	1615
BK90-../D..20.A.	703.5	153	363	1457.5	302	302	1585	1563	1690.5	1457.5
BK90-../D..22.A.	703.5	153	363	1457.5	302	302	1585	1563	1690.5	1457.5
Dimensions in millimetres (mm)										

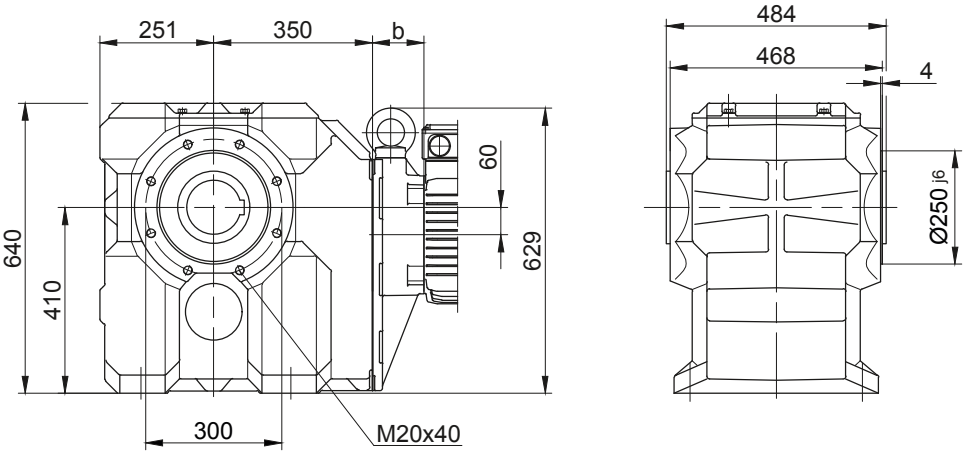
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK90 - BK90Z

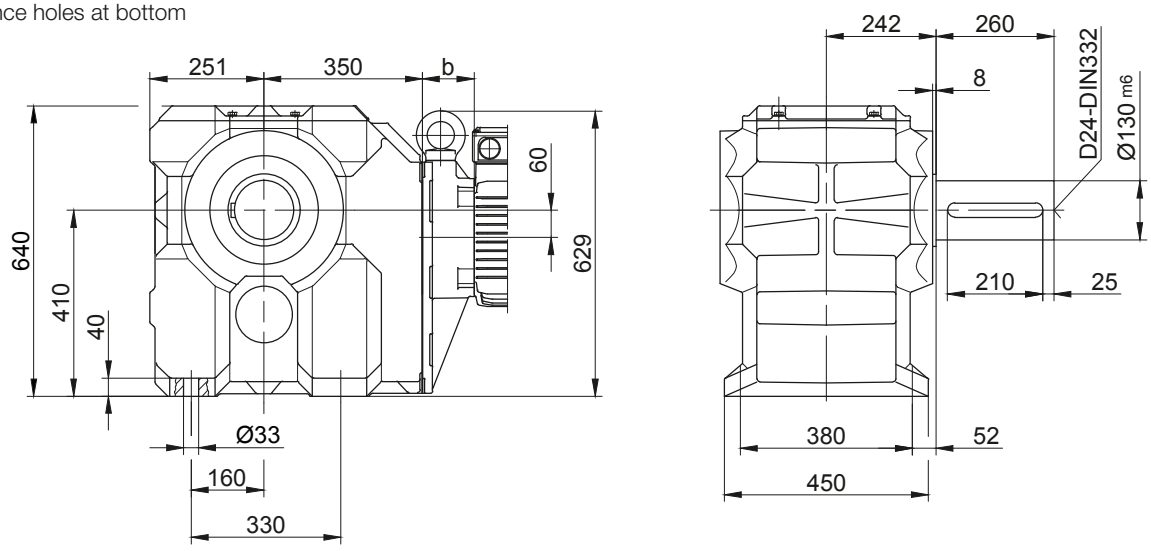
Torque arm at front
Code -5.V/



Flange with tapped holes at front
Code -7.V/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

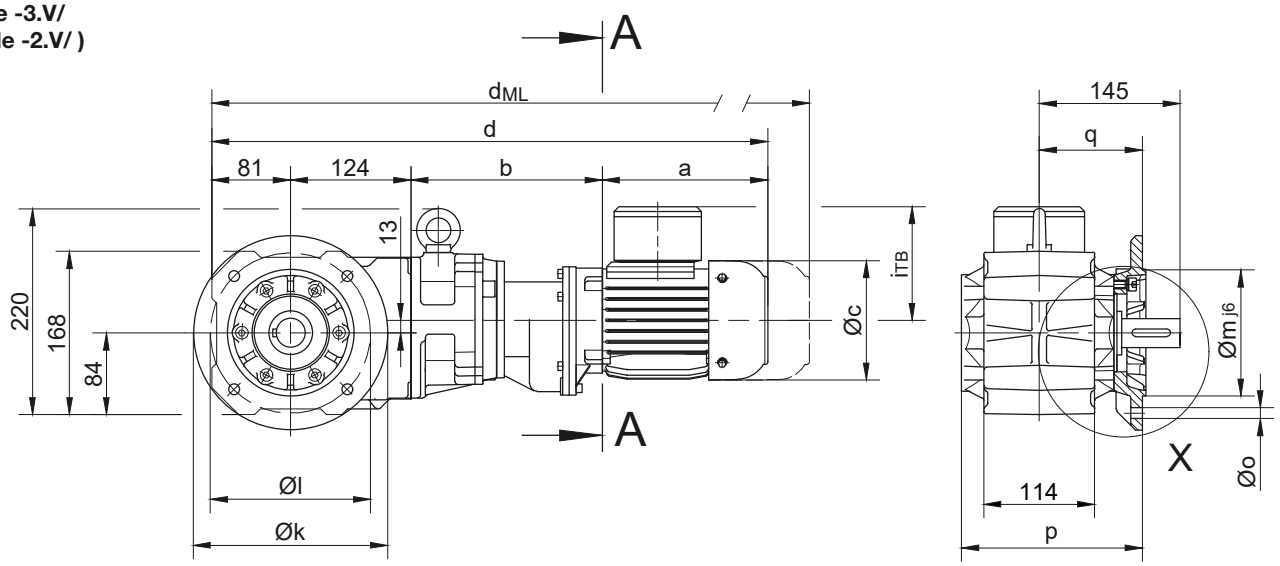
BK-series bevel-geared motors

Dimension - Tandem Gearbox Metric

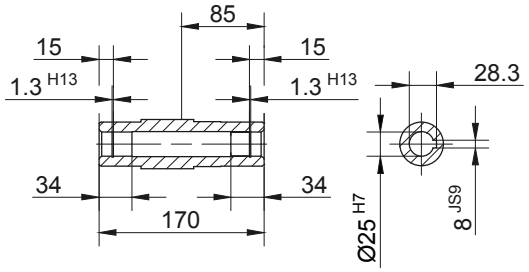
BK10G06

Flange with clearance holes at front

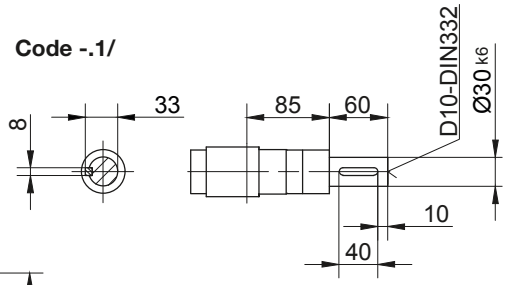
Code -3.V/
(Code -2.V/)

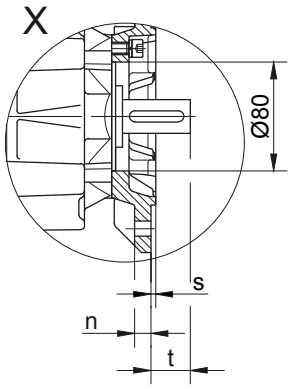


Code -.4/

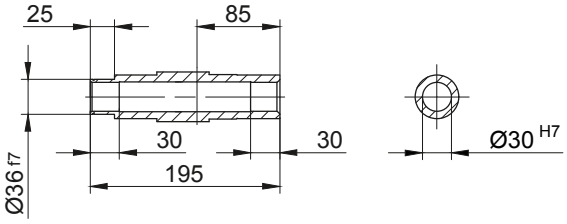


Code -.1/

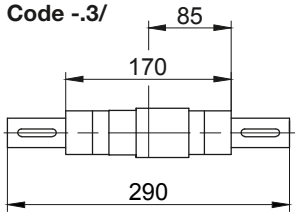


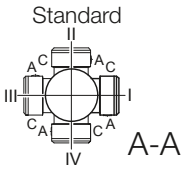


Code -.5/



Code -.3/





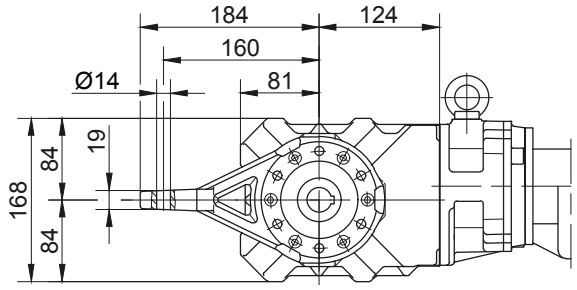
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK10..	Code -3.V/	200	165	130	12	11	186.5	106	3.5	39
BK10..	Code -2.V/	160	130	110	10	9	179.5	99	3.5	46
Dimensions in millimeters (mm)										

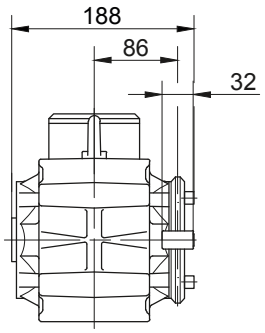
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK10G06-../D04.A.	142.5	193	110.5	540.5	90	112	584	628	671.5	-
BK10G06-../D..05.A.	170.5	195	123	570.5	101,5	117	612.5	673	710.5	-
BK10G06-../D..06.A.	170.5	195	123	570.5	101,5	119	612.5	673	710.5	-
BK10G06-../D..07.A.	190.5	195	123	590.5	101,5	119	632.5	693	730.5	-
BK10G06-../D..08.A.	199.5	239	156	643.5	116	136.5	709.5	755.5	817	709.5
BK10G06-../D..08.B.	229.5	239	156	673.5	116	136.5	739.5	785.5	846.5	739.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

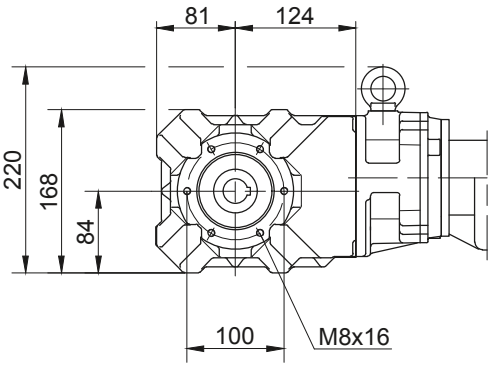
BK10G06

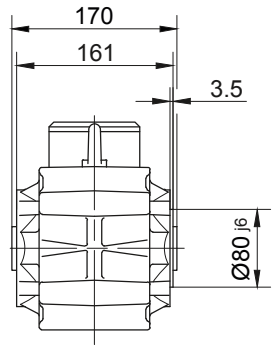
Torque arm at front
Code -5.V/



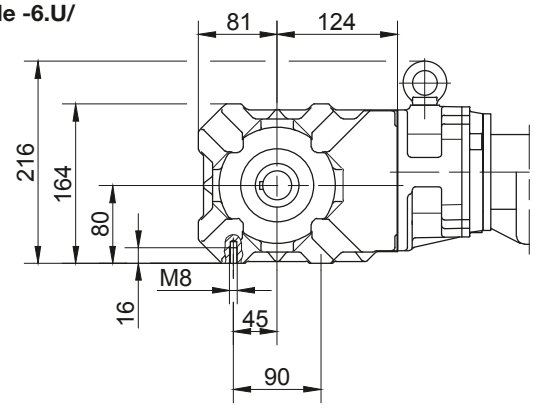


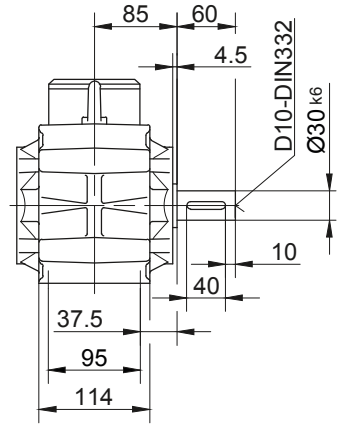
Flange with tapped holes at front
Code -7.V/



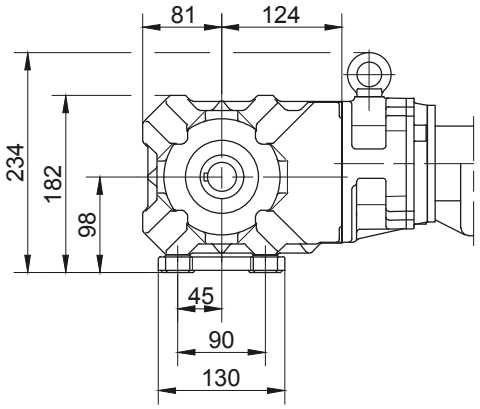


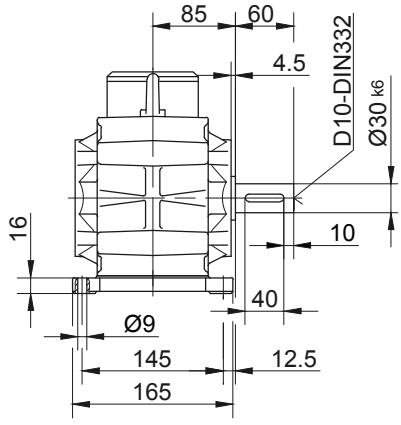
Foot with tapped holes at bottom
Code -6.U/





Foot with clearance holes at bottom
Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

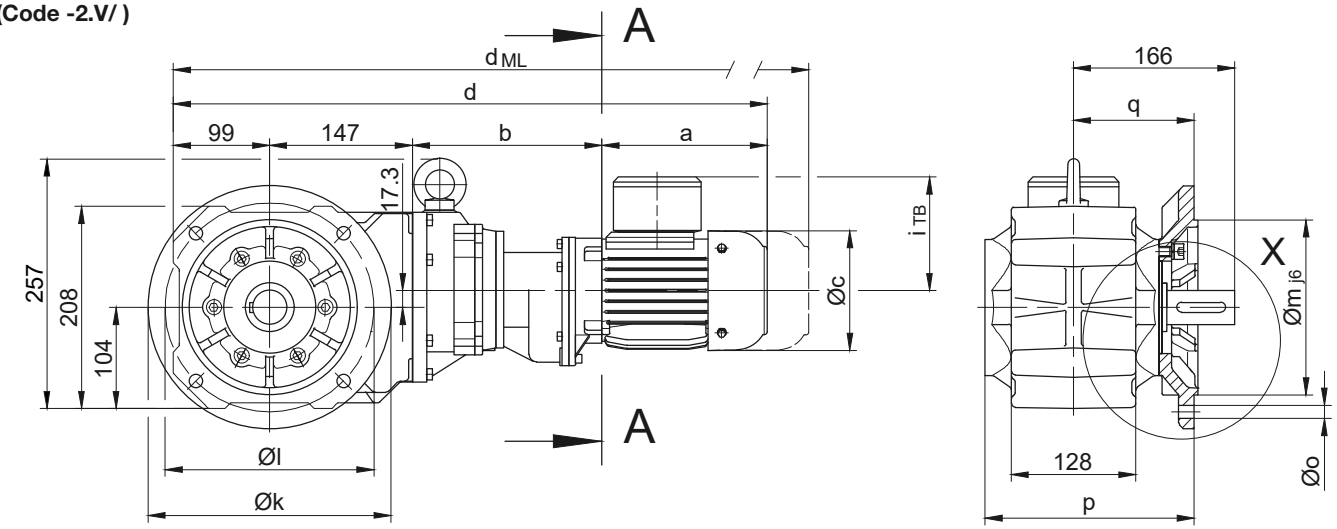
Dimension - Tandem Gearbox Metric

BK20G06

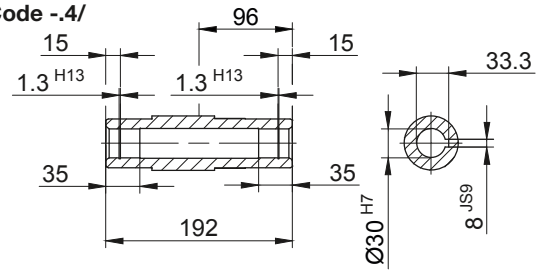
Flange with clearance holes at front

Code -3.V/

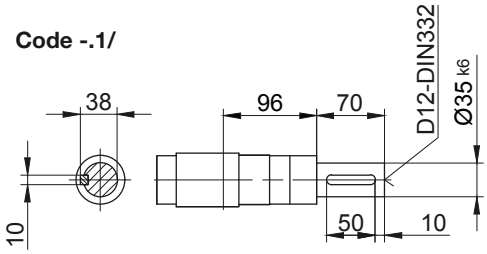
(Code -2.V/)



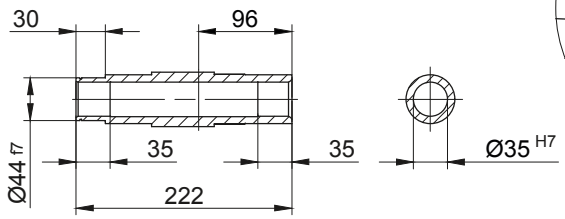
Code -.4/

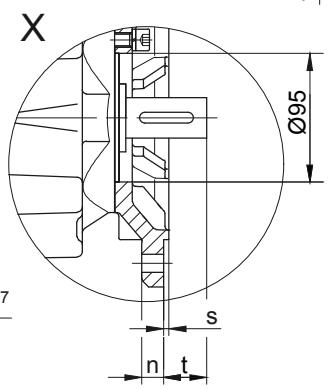


Code -.1/

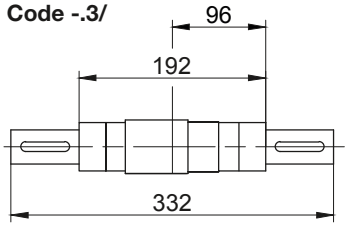


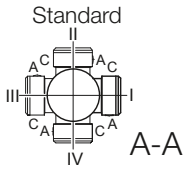
Code -.5/





Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK20..	Code -3.V/	250	215	180	16	13.5	215.5	124	4	42.5
BK20..	Code -2.V/	200	165	130	12	11	206.5	115	3.5	51
Dimensions in millimeters (mm)										

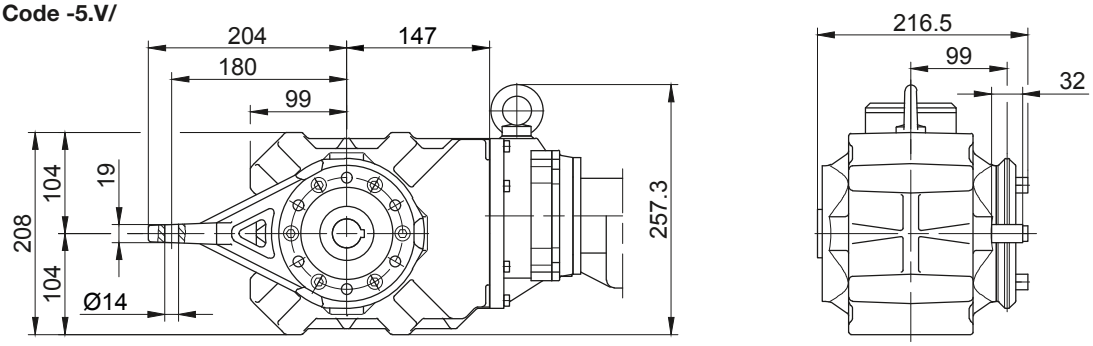
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK20G06-../D04.A.	142.5	193	110.5	581.5	90	112	625	669	712.5	-
BK20G06-../D..05.A.	170.5	195	123	611.5	101,5	117	653.5	714	751.5	-
BK20G06-../D..06.A.	170.5	195	123	611.5	101,5	119	653.5	714	751.5	-
BK20G06-../D..07.A.	190.5	195	123	631.5	101,5	119	673.5	734	771.5	-
BK20G06-../D..08.A.	199.5	239	156	684.5	116	136.5	750.5	796.5	858	750.5
BK20G06-../D..08.B.	229.5	239	156	714.5	116	136.5	780.5	826.5	887.5	780.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK20G06

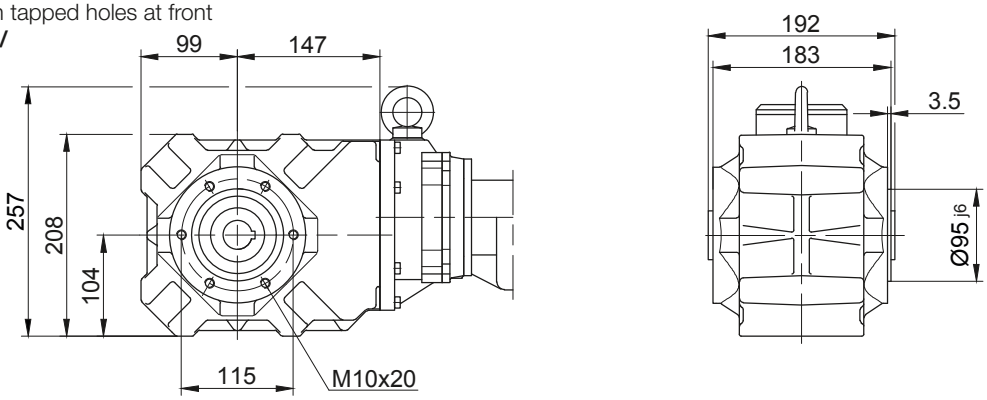
Torque arm at front

Code -5.V/



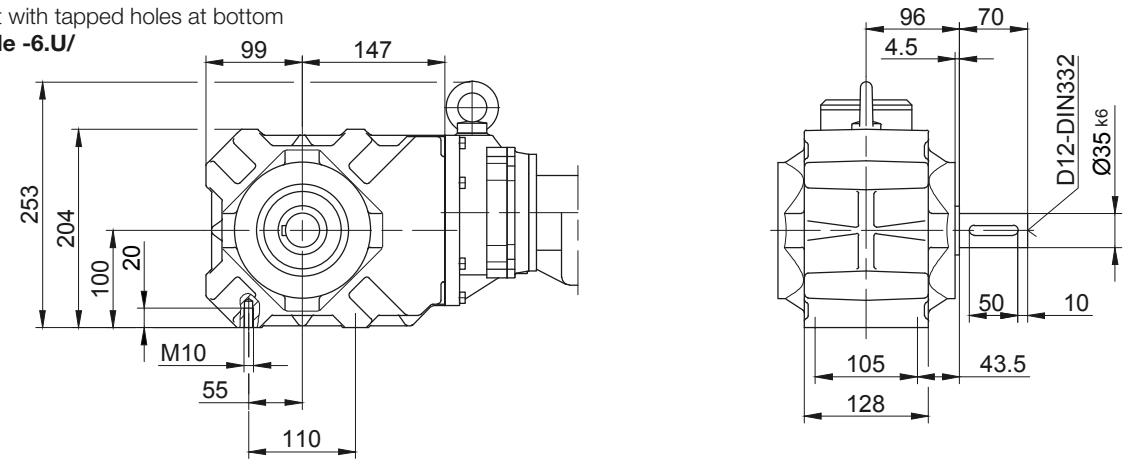
Flange with tapped holes at front

Code -7.V/



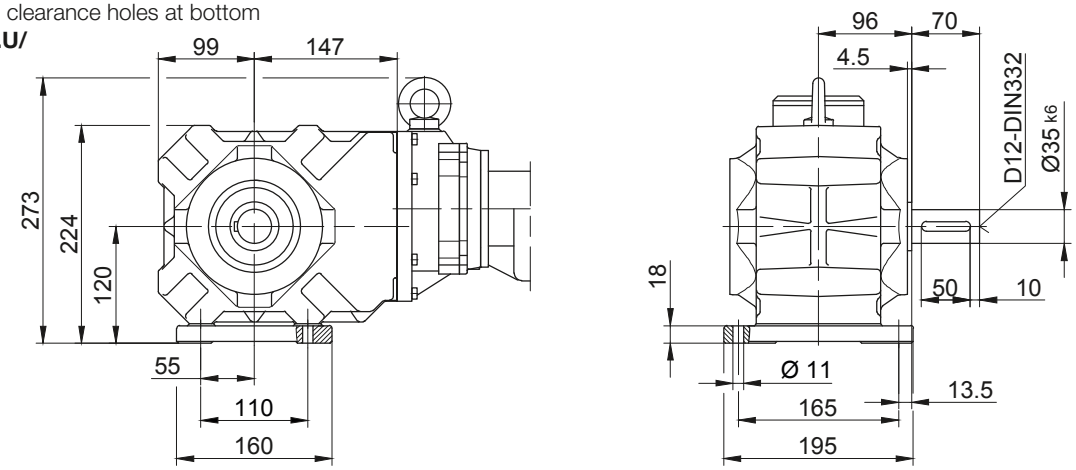
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

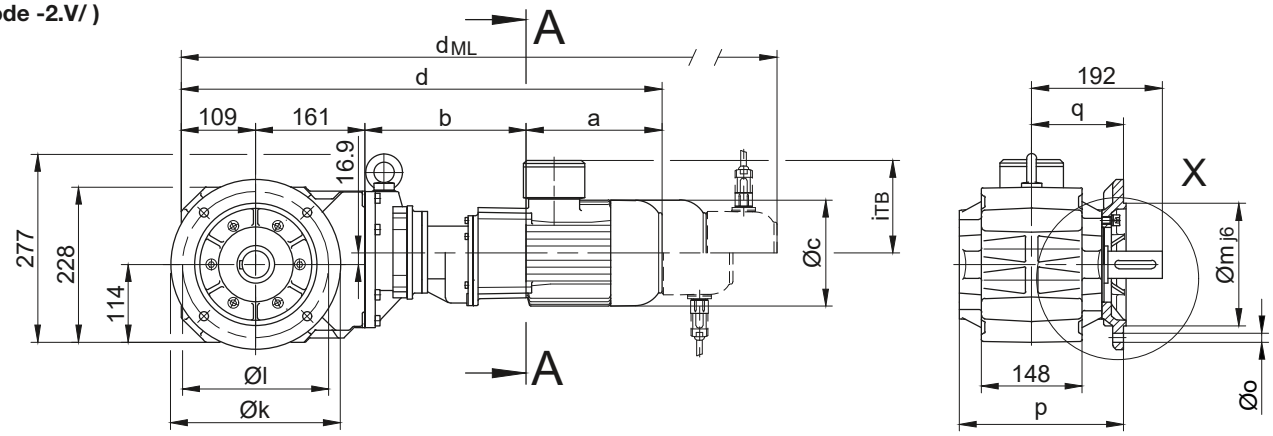
Dimension - Tandem Gearbox Metric

BK30G06

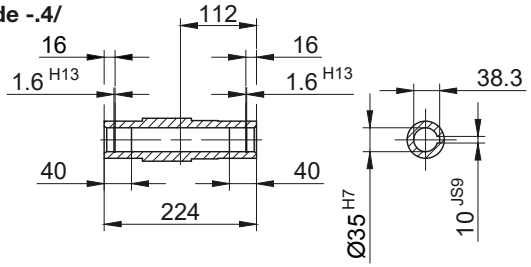
Flange with clearance holes at front

Code -3.V/

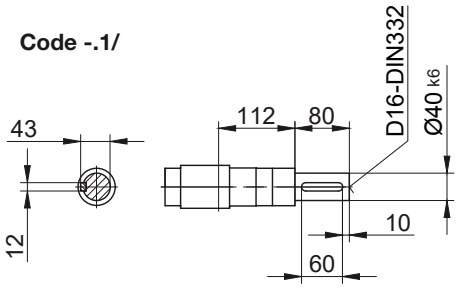
(Code -2.V/)

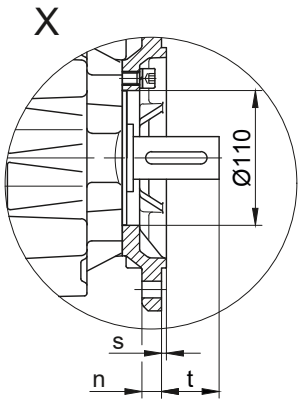


Code -.4/

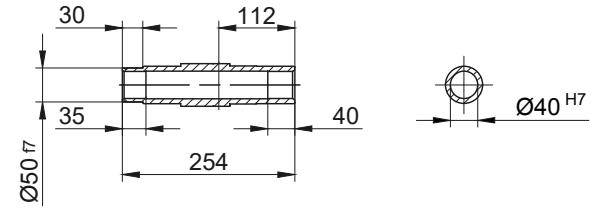


Code -.1/

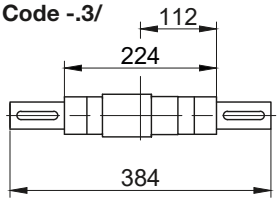


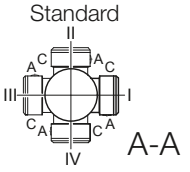


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK30..	Code -3.V/	250	215	180	16	13.5	242	135	4	57
BK30..	Code -2.V/	200	165	130	12	11	239	132	3.5	59.5
Dimensions in millimeters (mm)										

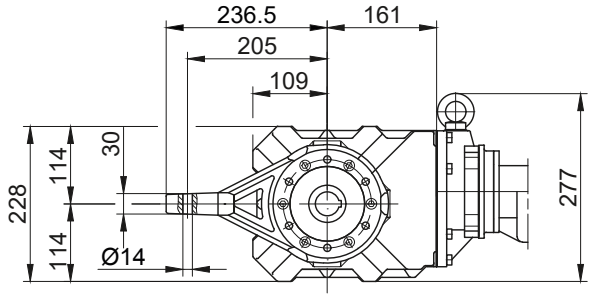
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK30G06-../D04.A.	142.5	191	110.5	603.5	90	112	647	691	734.5	-
BK30G06-../D..05.A.	170.5	193	123	633.5	101,5	117	675.5	736	773.5	-
BK30G06-../D..06.A.	170.5	193	123	633.5	101,5	119	675.5	736	773.5	-
BK30G06-../D..07.A.	190.5	193	123	653.5	101,5	119	695.5	756	793.5	-
BK30G06-../D..08.A.	199.5	237	156	706.5	116	136.5	772.5	818.5	880	772.5
BK30G06-../D..08.B.	229.5	237	156	736.5	116	136.5	802.5	848.5	909.5	802.5
Dimensions in millimetres (mm)										

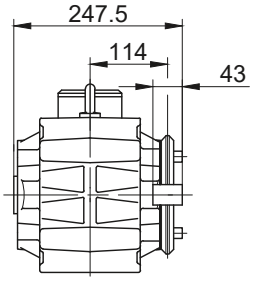
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK30G06

Torque arm at front

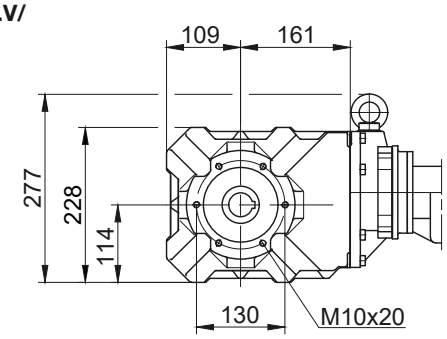
Code -5.V/

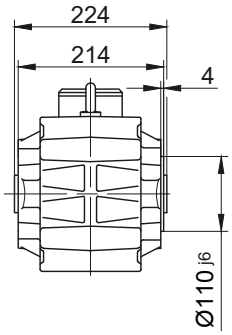




Flange with tapped holes at front

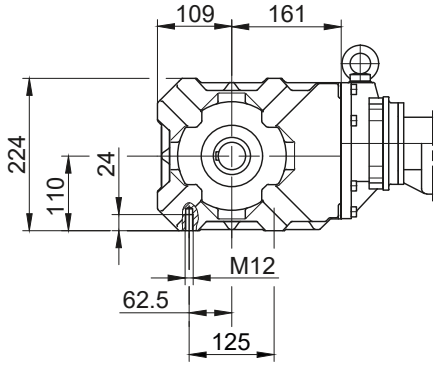
Code -7.V/

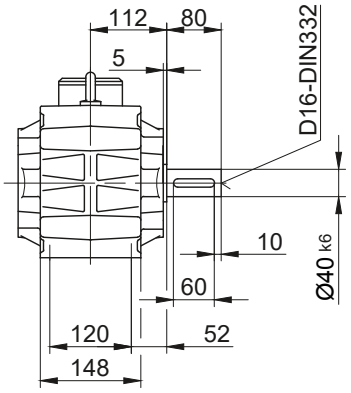




Foot with tapped holes at bottom

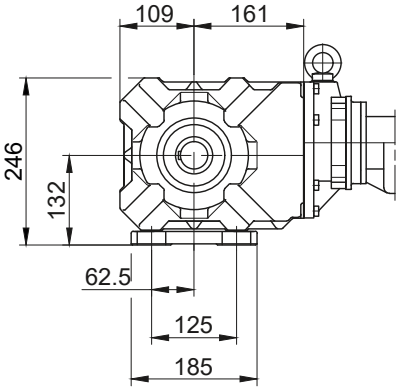
Code -6.U/

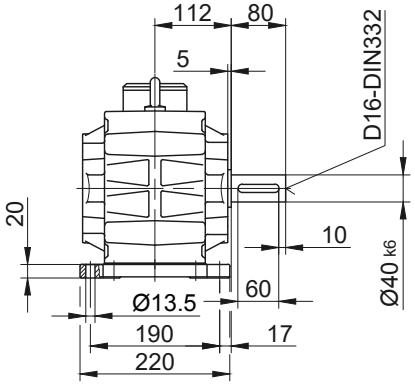




Foot with clearance holes at bottom

Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

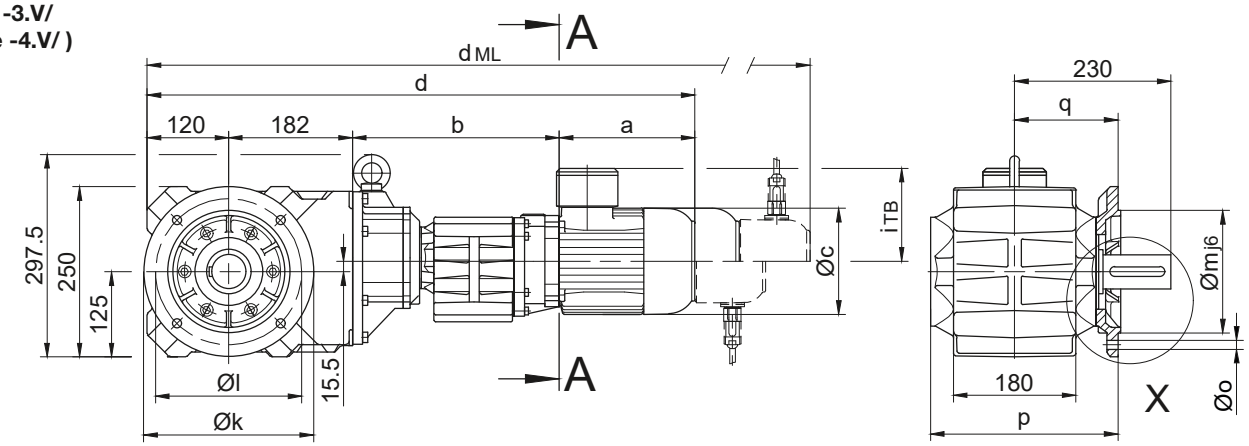
BK-series bevel-geared motors

Dimension - Tandem Gearbox Metric

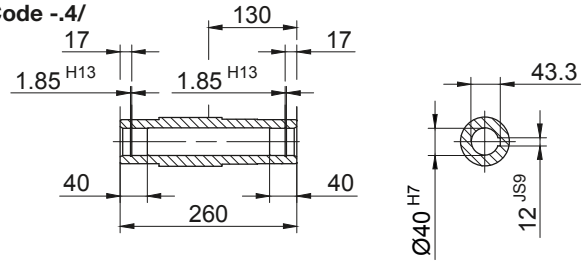
BK40G10

Flange with clearance holes at front

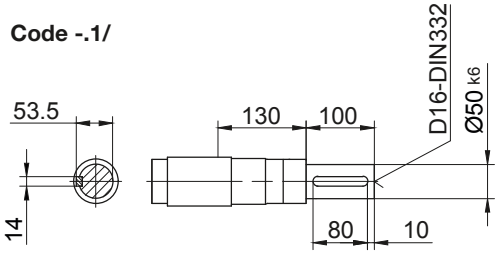
Code -3.V/
(Code -4.V/)

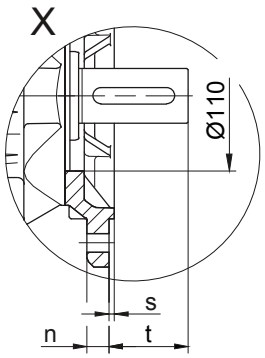


Code -.4/

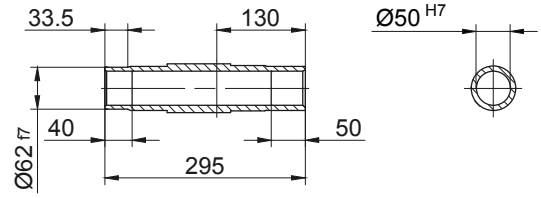


Code -.1/

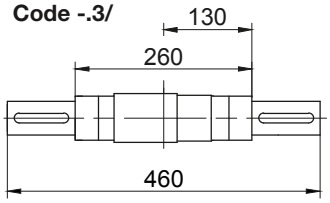


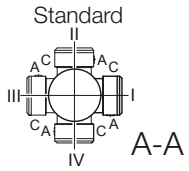


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK40..	Code -3.V/	250	215	180	16	13.5	276	152	4	78
BK40..	Code -4.V/	300	265	230	20	13.5	282	158	4	72
Dimensions in millimeters (mm)										

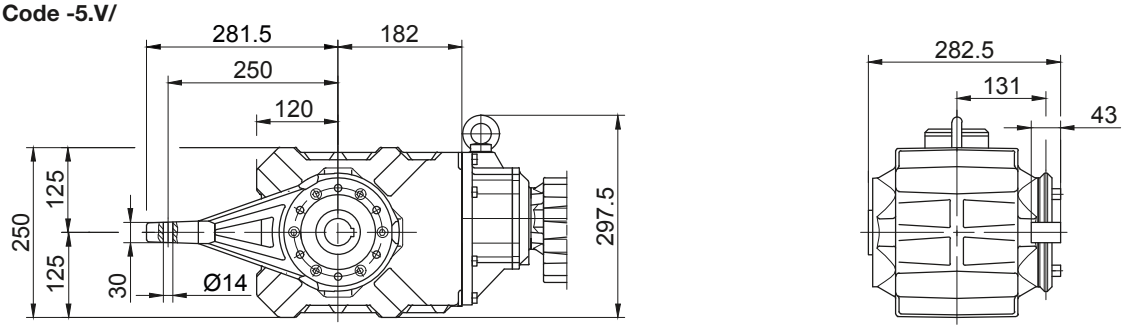
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK40G10-../D..05.A.	170.5	300	123	772.5	101,5	117	814.5	875	912.5	-
BK40G10-../D..06.A.	170.5	300	123	772.5	101,5	119	814.5	875	912.5	-
BK40G10-../D..07.A.	190.5	300	123	792.5	101,5	119	834.5	895	932.5	-
BK40G10-../D..08.A.	199.5	304	156	805.5	116	136.5	871.5	917.5	979	871.5
BK40G10-../D..08.B.	229.5	304	156	835.5	116	136.5	901.5	947.5	1008.5	901.5
BK40G10-../D..09.A.	250.5	318.5	176	871	125,5	157	964	978.5	1068	964
BK40G10-../D..09.B.	308.5	318.5	176	929	125,5	157	1022	1036	1126	1022
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK40G10

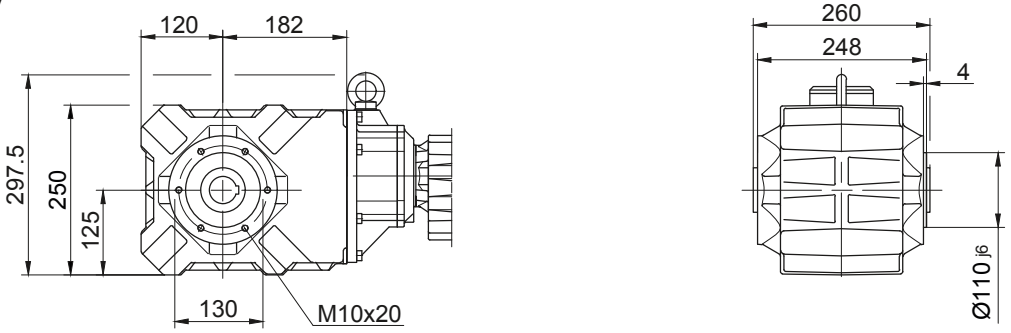
Torque arm at front

Code -5.V/



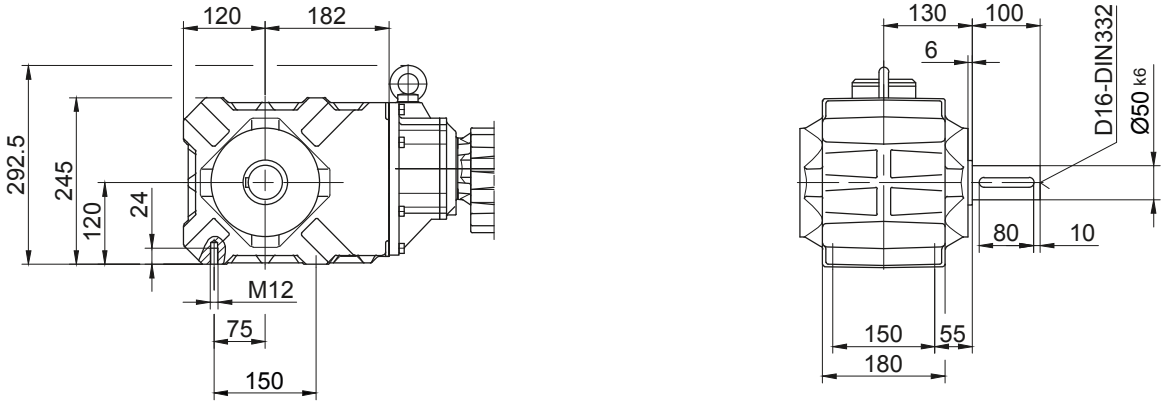
Flange with tapped holes at front

Code -7.V/



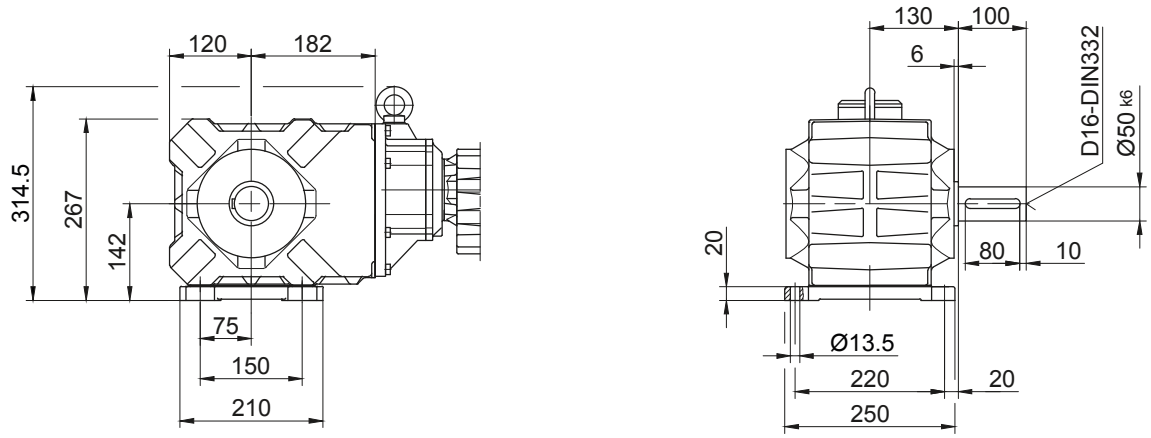
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

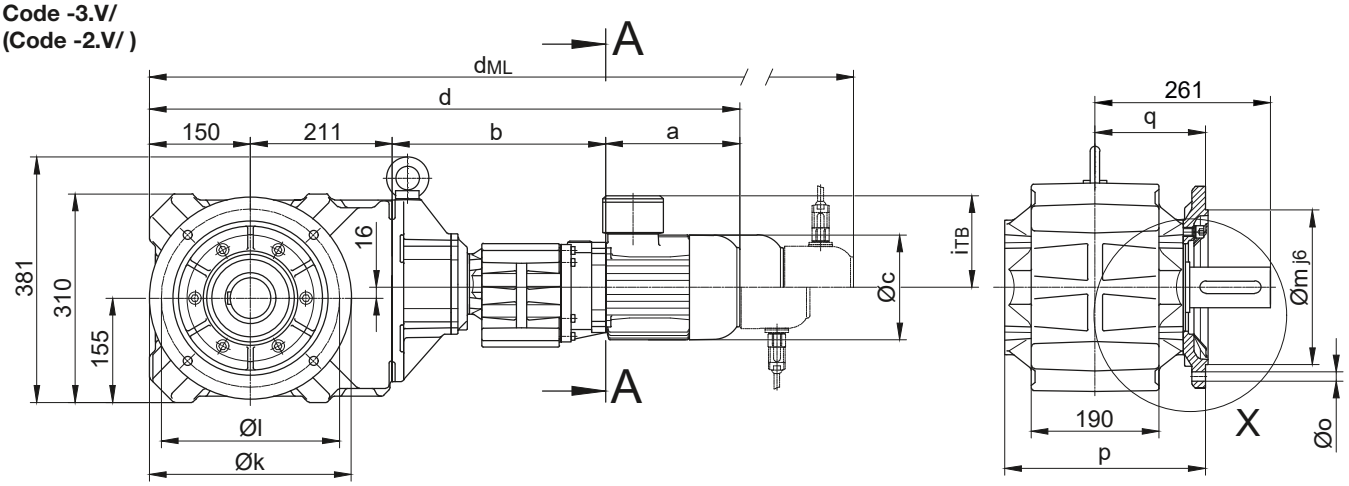
Dimension - Tandem Gearbox Metric

BK50G10

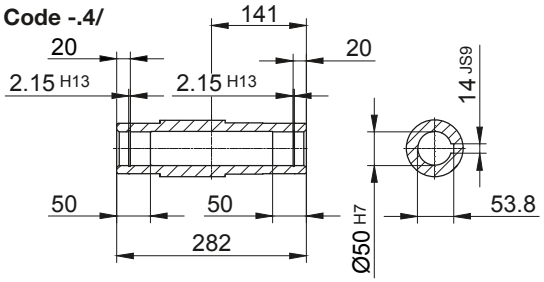
Flange with clearance holes at front

Code -3.V/

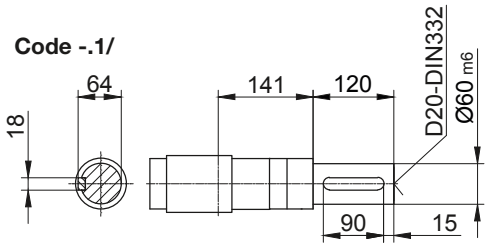
(Code -2.V/)

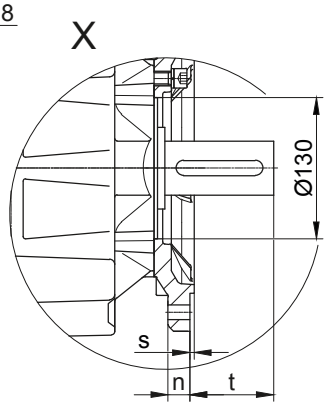


Code -.4/

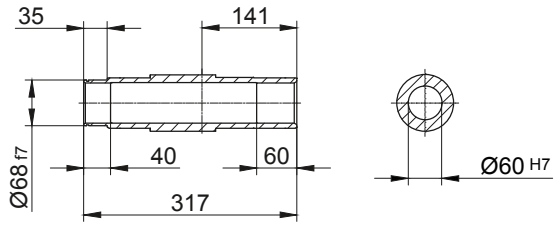


Code -.1/

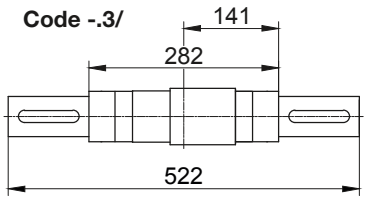


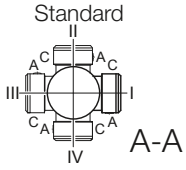


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK50..	Code -3.V/	300	265	230	20	13.5	299	164	4	97
BK50..	Code -2.V/	250	215	180	16	13.5	296	161	4	100
Dimensions in millimeters (mm)										

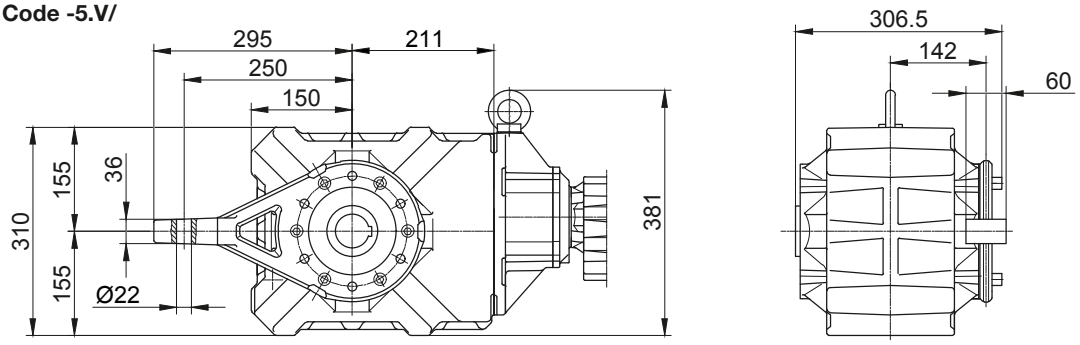
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK50G10-.../D..05.A.	170.5	313	123	844.5	101,5	117	886.5	947	984.5	-
BK50G10-.../D..06.A.	170.5	313	123	844.5	101,5	119	886.5	947	984.5	-
BK50G10-.../D..07.A.	190.5	313	123	864.5	101,5	119	906.5	967	1004.5	-
BK50G10-.../D..08.A.	199.5	317	156	877.5	116	136.5	943.5	989.5	1051	943.5
BK50G10-.../D..08.B.	229.5	317	156	907.5	116	136.5	973.5	1019.5	1080.5	973.5
BK50G10-.../D..09.A.	250.5	331.5	176	943	125,5	157	1036	1050.5	1140	1036
BK50G10-.../D..09.B.	308.5	331.5	176	1001	125,5	157	1094	1108	1198	1094
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK50G10

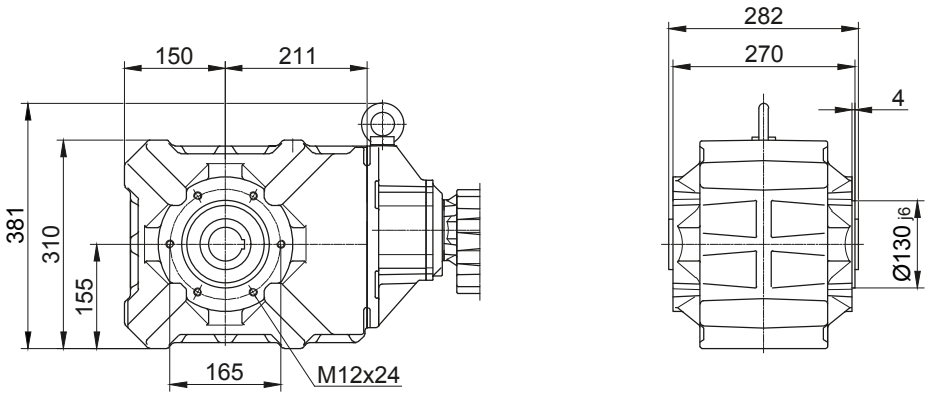
Torque arm at front

Code -5.V/



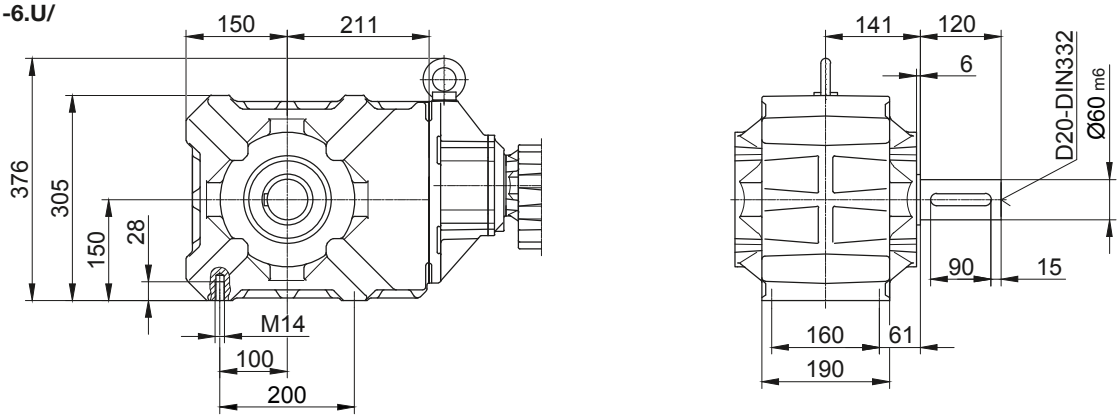
Flange with tapped holes at front

Code -7.V/



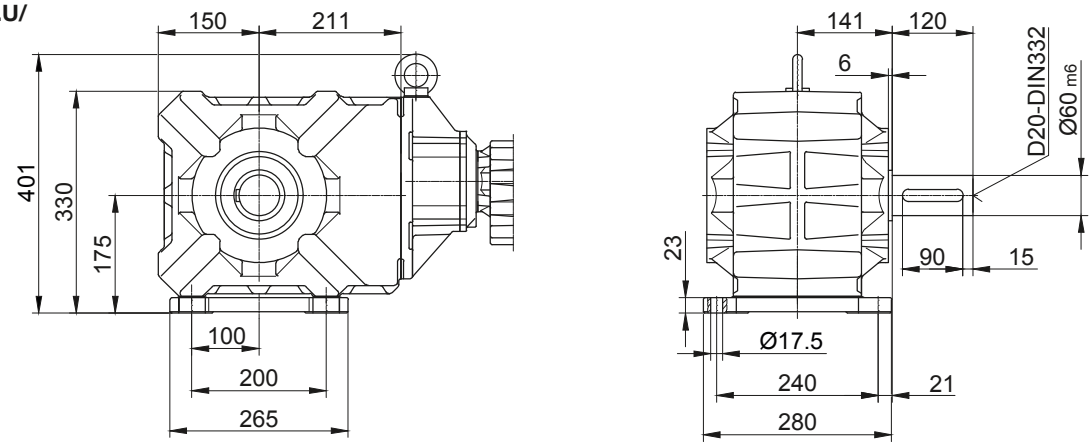
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

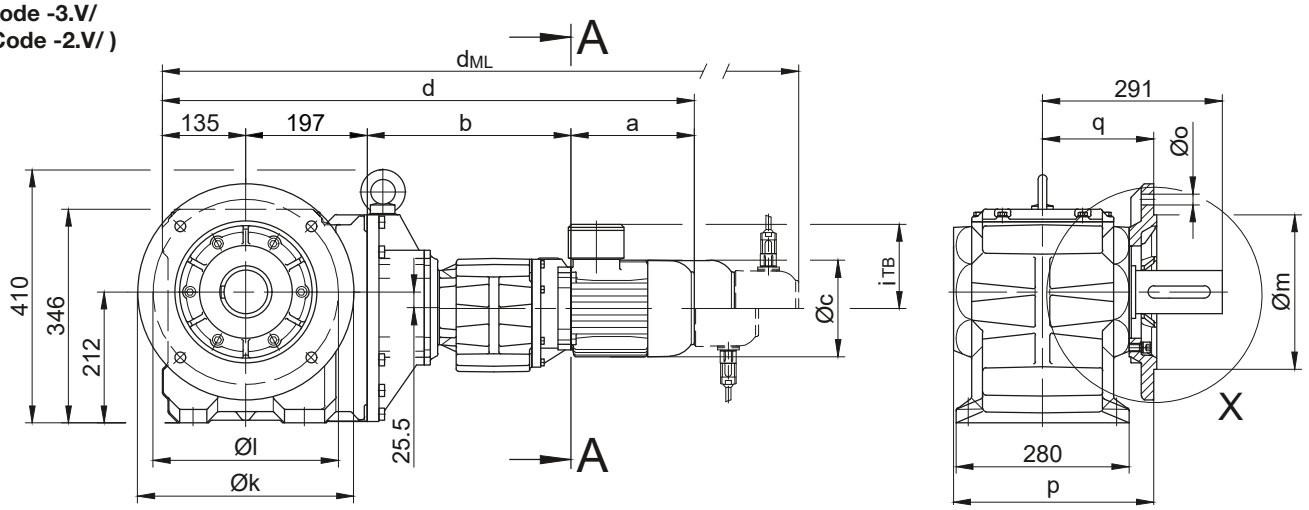
Dimension - Tandem Gearbox Metric

BK60G20

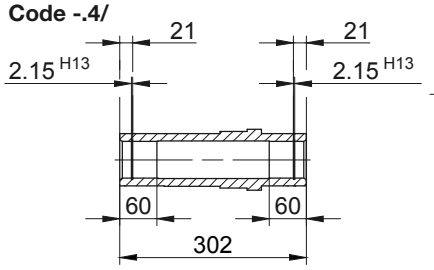
Flange with clearance holes at front

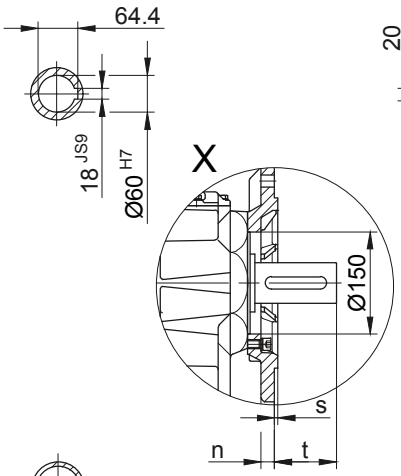
Code -3.V/

(Code -2.V/)

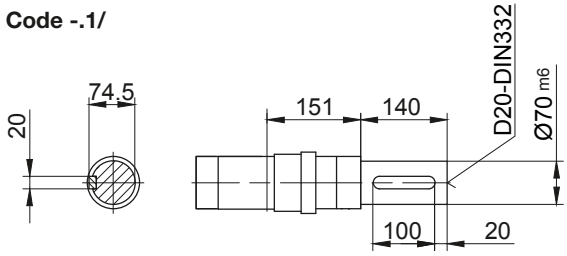


Code -.4/

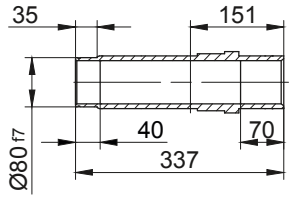




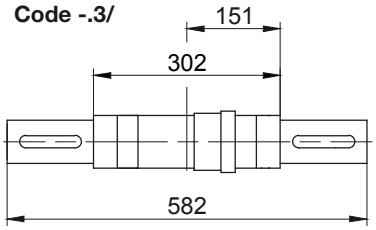
Code -.1/

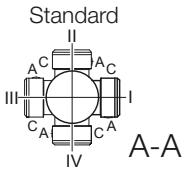


Code -.5/



Code -.3/





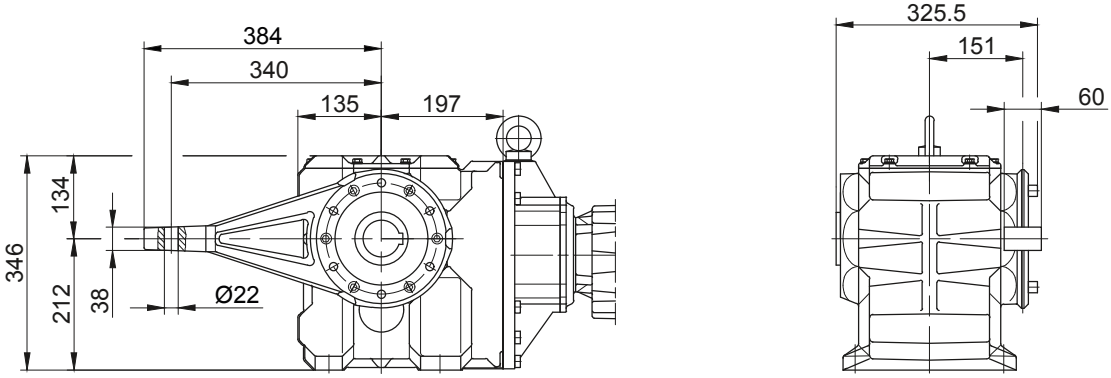
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK60..	Code -3.V/	350	300	250	20	17.5	324	180	5	112
BK60..	Code -2.V/	300	265	230	20	13.5	332	188	4	103
Dimensions in millimeters (mm)										

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK60G20-../D..05.A.	170.5	326	123	828.5	101,5	117	870.5	931	968.5	-
BK60G20-../D..06.A.	170.5	326	123	828.5	101,5	119	870.5	931	968.5	-
BK60G20-../D..07.A.	190.5	326	123	848.5	101,5	119	890.5	951	988.5	-
BK60G20-../D..08.A.	199.5	330	156	861.5	116	136.5	927.5	973.5	1035	927.5
BK60G20-../D..08.B.	229.5	330	156	891.5	116	136.5	957.5	1003.5	1064.5	957.5
BK60G20-../D..09.A.	250.5	344.5	176	927	125,5	157	1020	1034.5	1124	1020
BK60G20-../D..09.B.	308.5	344.5	176	985	125,5	157	1078	1092	1182	1078
Dimensions in millimetres (mm)										

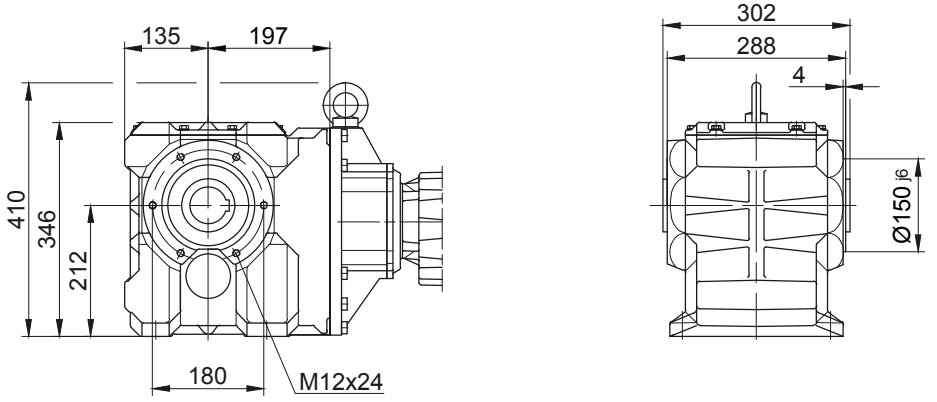
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK60G20

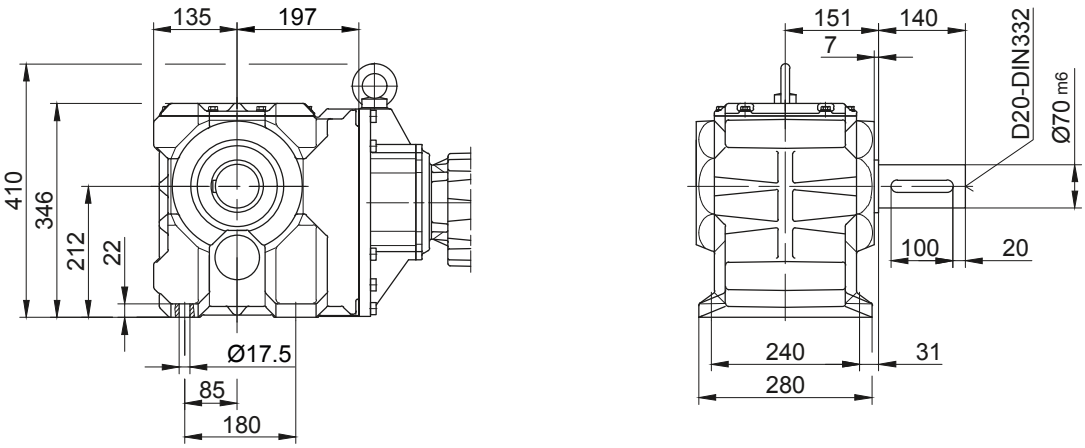
Torque arm at front
Code -5.V/



Flange with tapped holes at front
Code -7.V/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

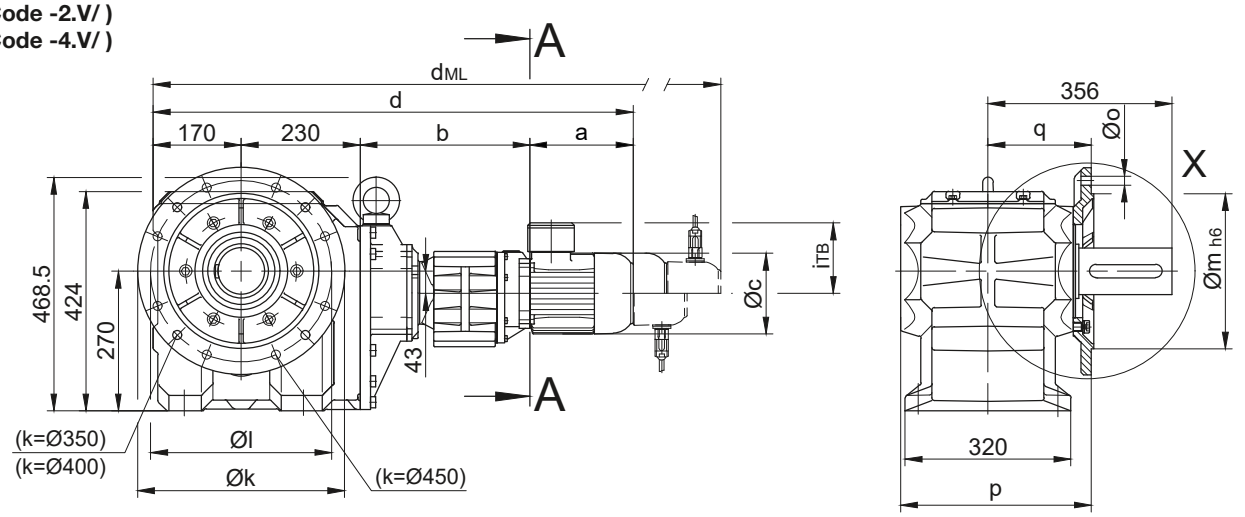
BK-series bevel-geared motors

Dimension - Tandem Gearbox Metric

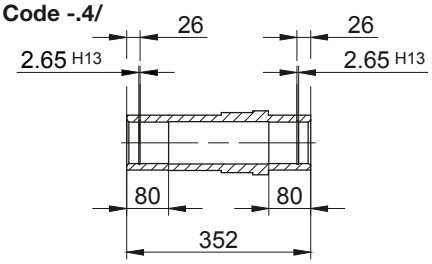
BK70G20

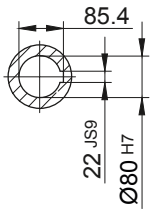
Flange with clearance holes at front

Code -3.V/
(Code -2.V/)
(Code -4.V/)

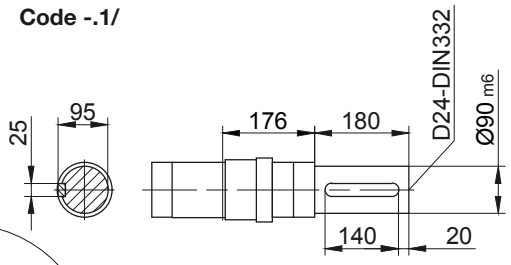


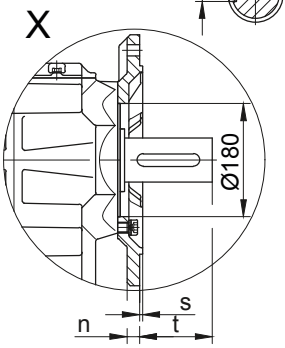
Code -.4/



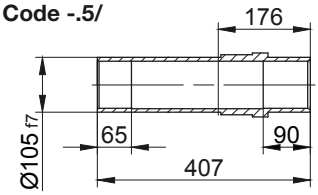


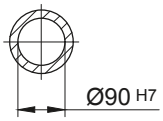
Code -.1/



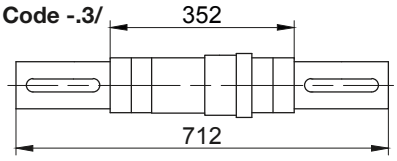


Code -.5/

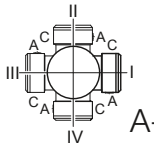




Code -.3/



Standard



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK70..	Code -3.V/	400	350	300	20	4 x 17.5	369	200	5	157
BK70..	Code -2.V/	350	300	250	20	4 x 17.5	369	200	5	157
BK70..	Code -4.V/	450	400	350	22	4 x 17.5	379	210	5	147
Dimensions in millimeters (mm)										

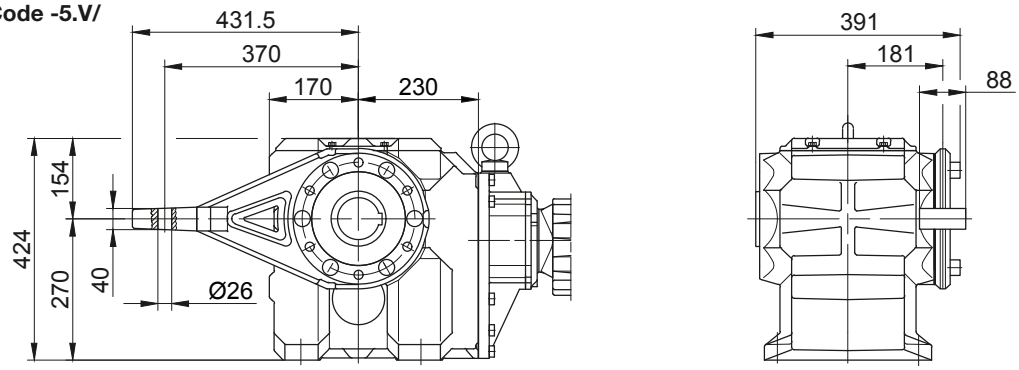
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK70G20-../D..05.A.	170.5	326	123	896.5	101,5	117	938.5	999	1036.5	-
BK70G20-../D..06.A.	170.5	326	123	896.5	101,5	119	938.5	999	1036.5	-
BK70G20-../D..07.A.	190.5	326	123	916.5	101,5	119	958.5	1019	1056.5	-
BK70G20-../D..08.A.	199.5	330	156	929.5	116	136.5	995.5	1041.5	1103	995.5
BK70G20-../D..08.B.	229.5	330	156	959.5	116	136.5	1025.5	1071.5	1132.5	1025.5
BK70G20-../D..09.A.	250.5	344.5	176	995	125,5	157	1088	1102.5	1192	1088
BK70G20-../D..09.B.	308.5	344.5	176	1053	125,5	157	1146	1160	1250	1146
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK70G20

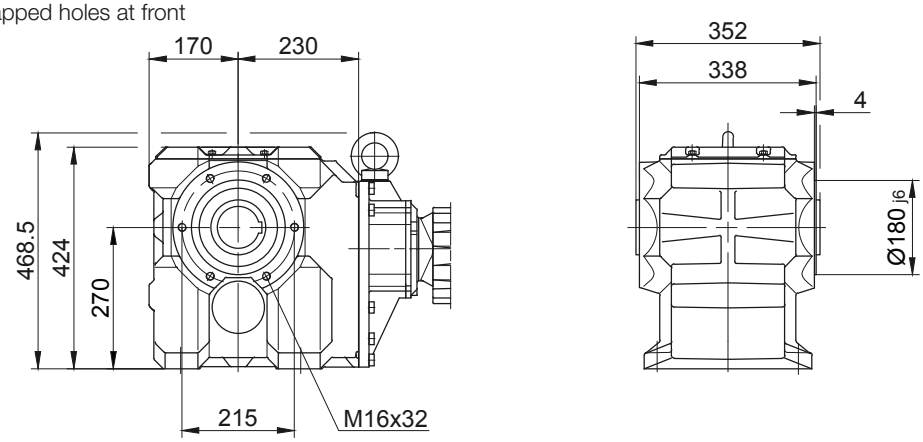
Torque arm at front

Code -5.V/



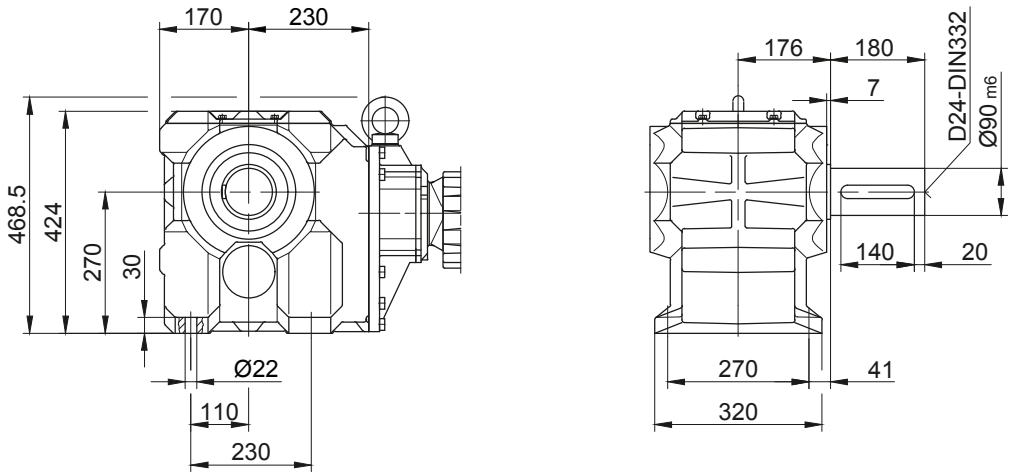
Flange with tapped holes at front

Code -7.V/

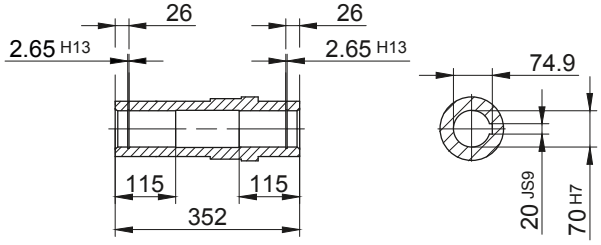


Foot with clearance holes at bottom

Code -1.U/



Code -.4/K70



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

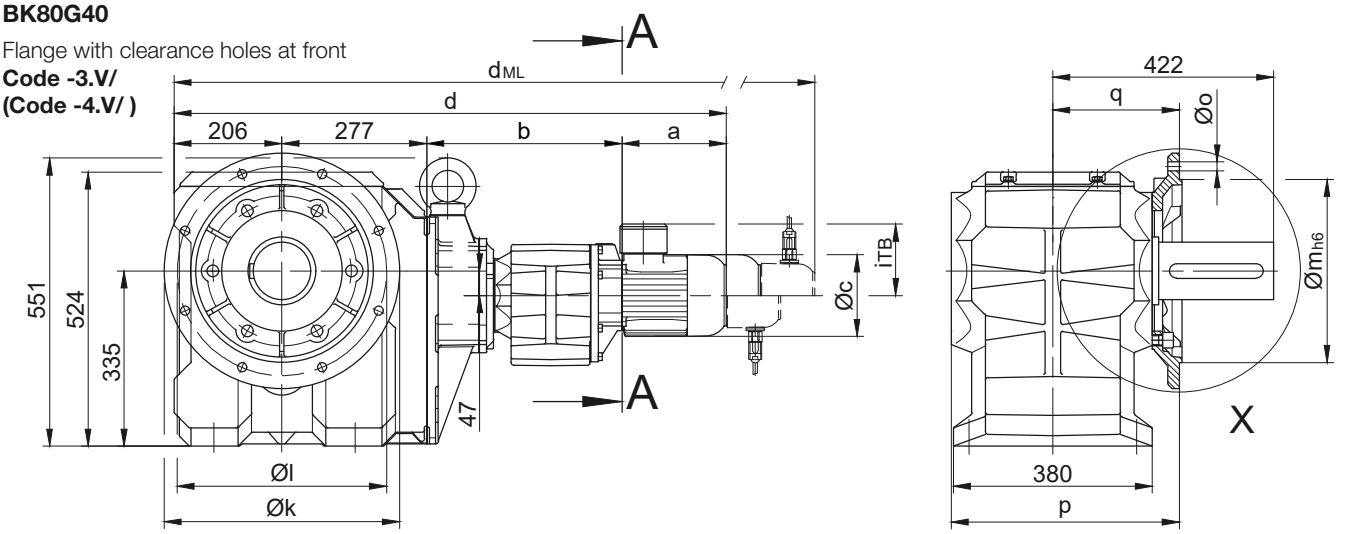
BK-series bevel-geared motors

Dimension - Tandem Gearbox Metric

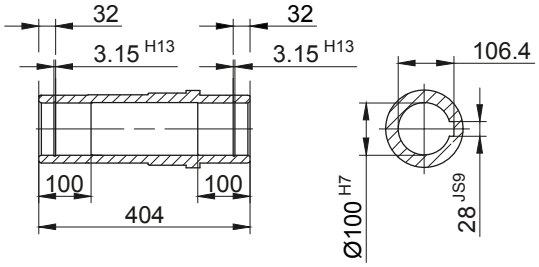
BK80G40

Flange with clearance holes at front

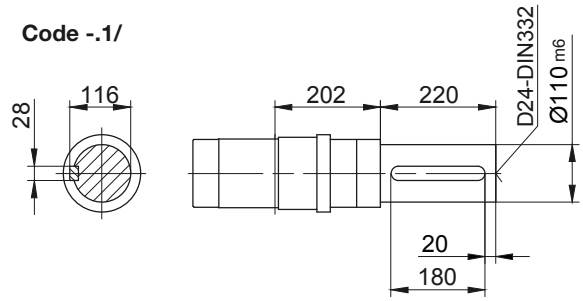
Code -3.V/
(Code -4.V/)



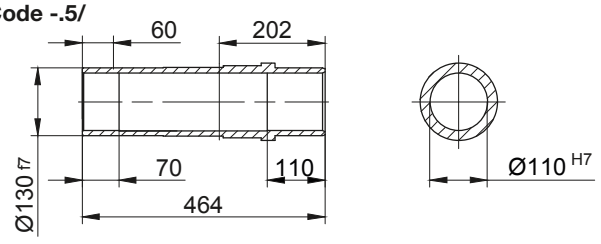
Code -.4/



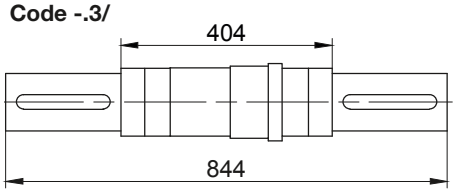
Code -.1/



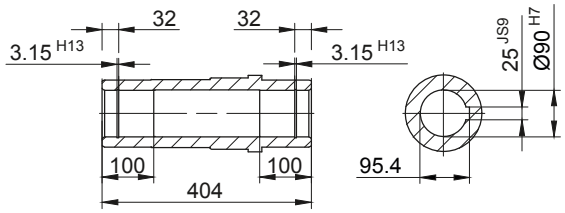
Code -.5/

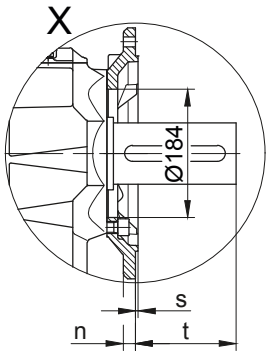


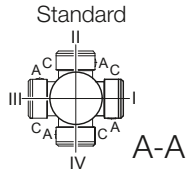
Code -.3/



Code -.4/K90







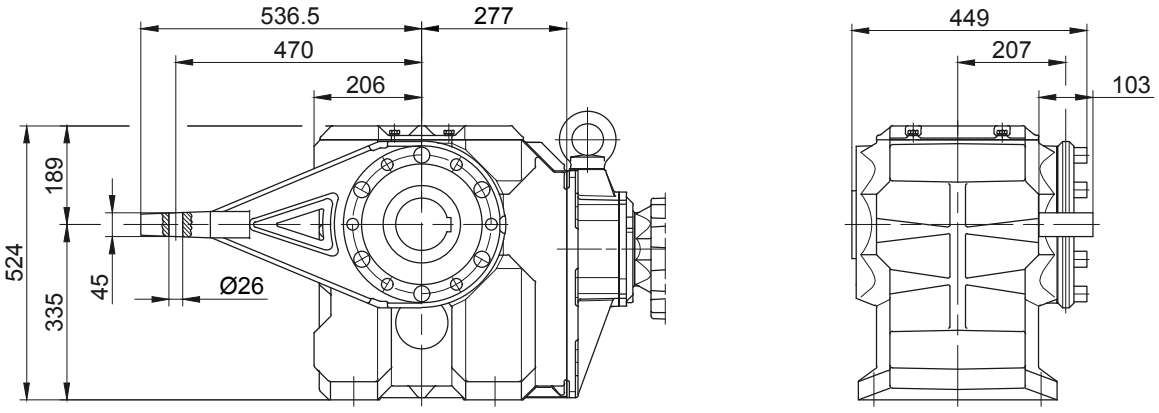
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK80..	Code -3.V/	450	400	350	22	17.5	439	245	5	178
BK80..	Code -4.V/	550	500	450	22	17.5	444	250	5	173
Dimensions in millimeters (mm)										

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK80G40-../D..08.A.	199.5	357	156	1039.5	116	136.5	1105.5	1151.5	1213	1105.5
BK80G40-../D..08.B.	229.5	357	156	1069.5	116	136.5	1135.5	1181.5	1242.5	1135.5
BK80G40-../D..09.A.	250.5	371.5	176	1105	125,5	157	1198	1212.5	1302	1198
BK80G40-../D..09.B.	308.5	371.5	176	1163	125,5	157	1256	1270	1360	1256
BK80G40-../D..11.A.	319	378	218	1180	165	176	1278	1287.5	1380	1278
BK80G40-../D..11.B.	387	378	218	1248	165	176	1344	1355.5	1448	1344
Dimensions in millimetres (mm)										

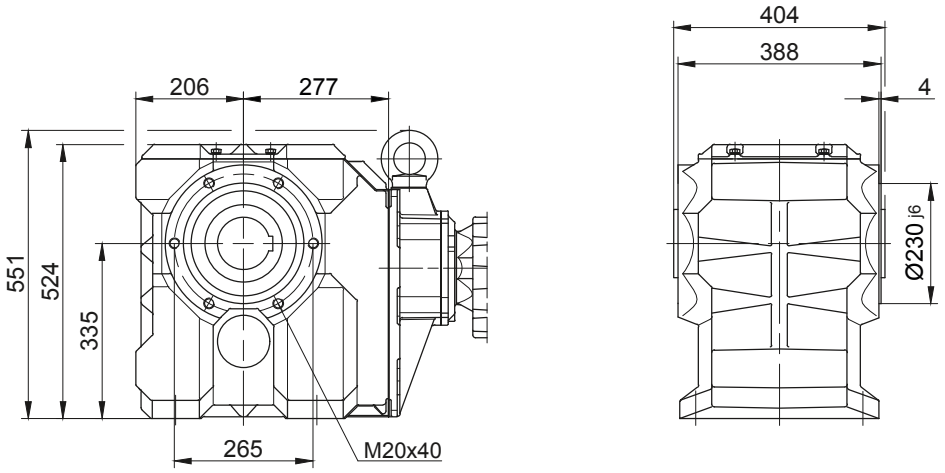
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK80G40

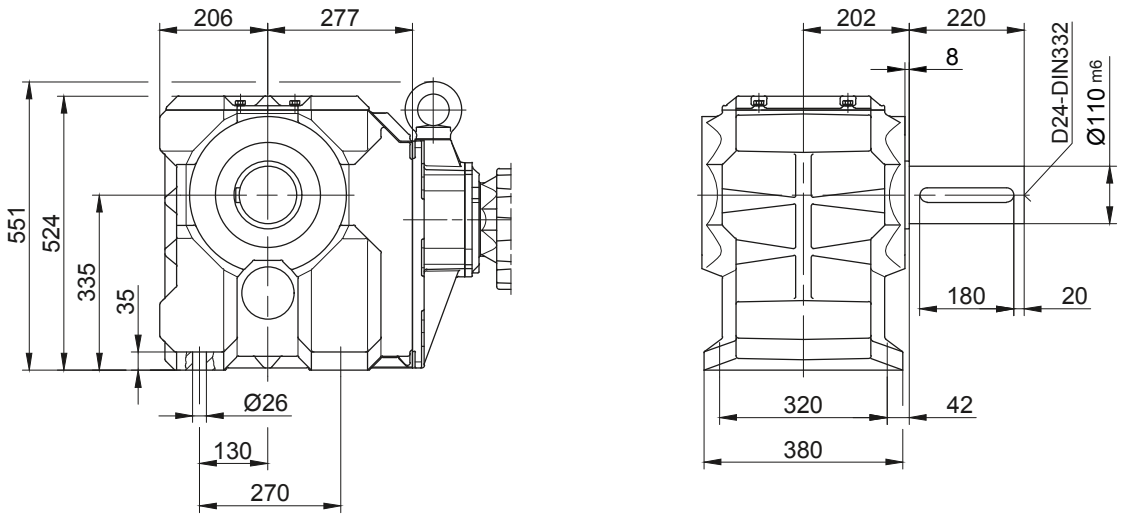
Torque arm at front
Code -5.V/



Flange with tapped holes at front
Code -7.V/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

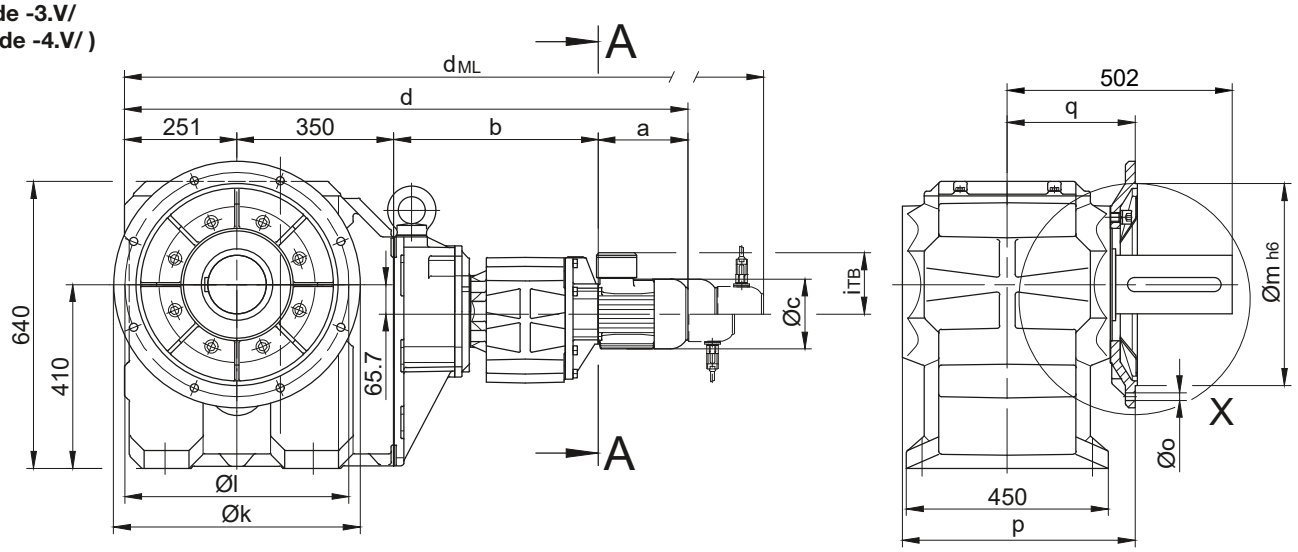
Dimension - Tandem Gearbox Metric

BK90G50

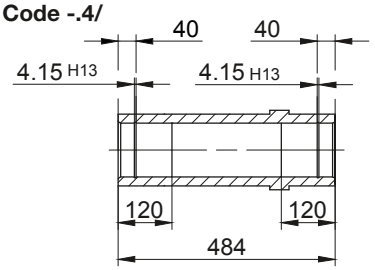
Flange with clearance holes at front

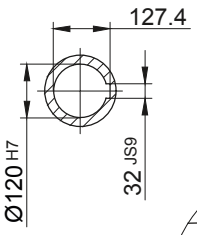
Code -3.V/

(Code -4.V/)

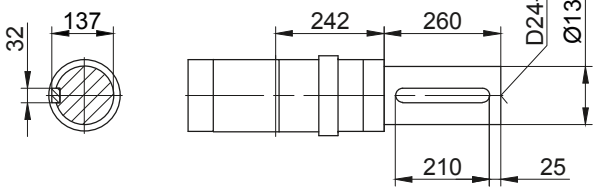


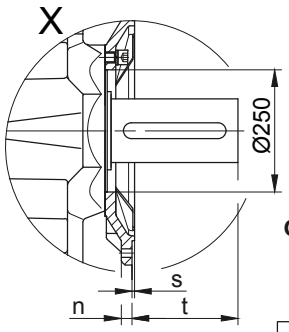
Code -.4/



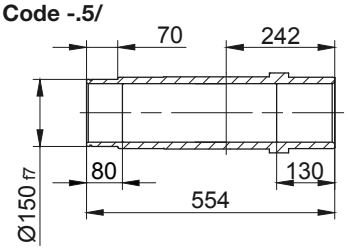


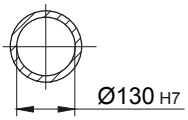
Code -.1/



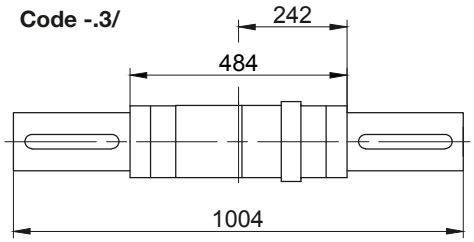


Code -.5/

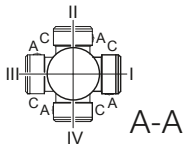




Code -.3/



Standard



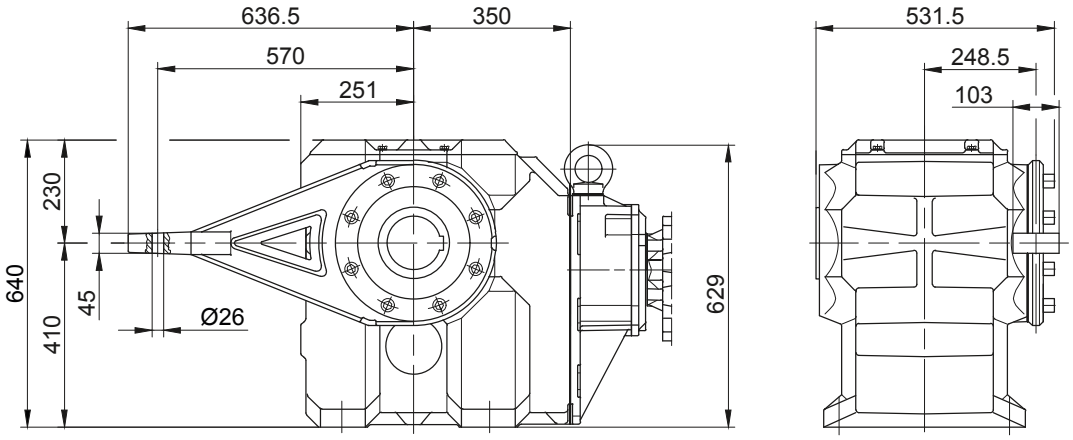
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK90..	Code -3.V/	550	500	450	22	17.5	519	285	5	218
BK90..	Code -4.V/	660	600	550	25	22	513	279	6	225
Dimensions in millimeters (mm)										

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK90G50-../D..08.A.	199.5	427	156	1227.5	116	136.5	1293.5	1339.5	1401	1293.5
BK90G50-../D..08.B.	229.5	427	156	1257.5	116	136.5	1323.5	1369.5	1430.5	1323.5
BK90G50-../D..09.A.	250.5	441.5	176	1293	125,5	157	1386	1400.5	1490	1386
BK90G50-../D..09.B.	308.5	441.5	176	1351	125,5	157	1444	1458	1548	1444
BK90G50-../D..11.A.	319	448	218	1368	165	176	1466	1475.5	1568	1466
BK90G50-../D..11.B.	387	448	218	1436	165	176	1532	1543.5	1636	1532
BK90G50-../D..13.A.	393	461	258	1455	217	217	1566	1562	1667	1563
BK90G50-../D..16.B.	454.5	475	310	1530.5	243	243	1674	1637.5	1777.5	1674
BK90G50-../D..18.B.	542	497	348	1640	288	288	1789.5	1745.5	1893	1789.5
Dimensions in millimetres (mm)										

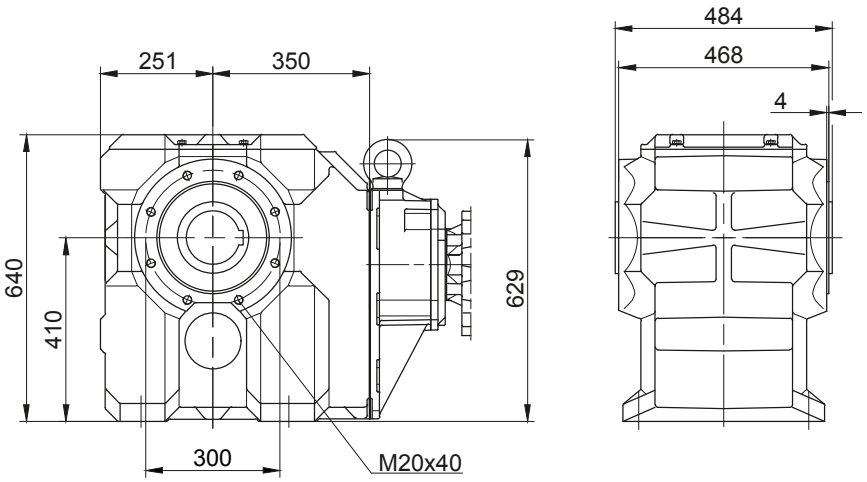
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK90G50

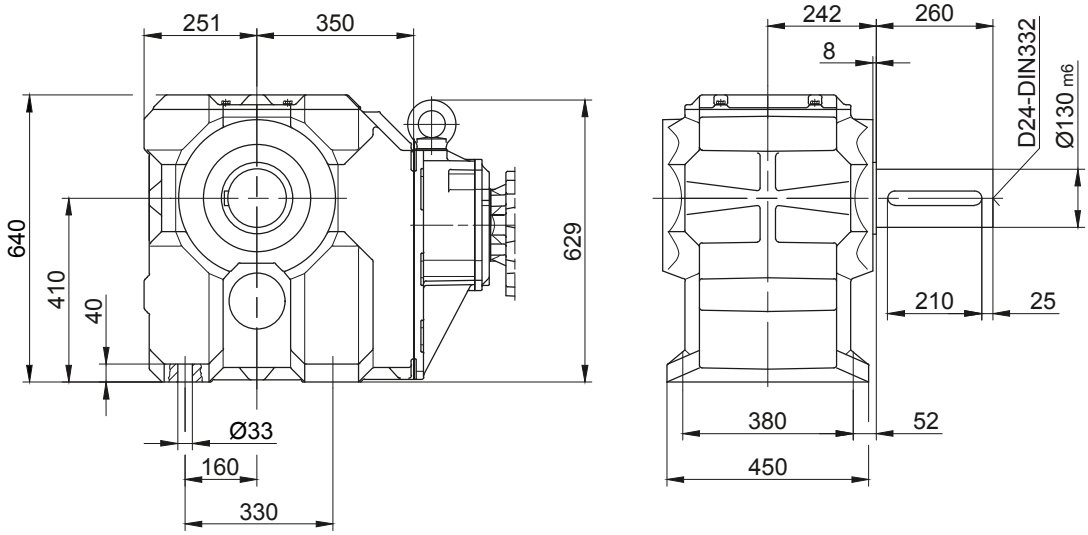
Torque arm at front
Code -5.V/



Flange with tapped holes at front
Code -7.V/

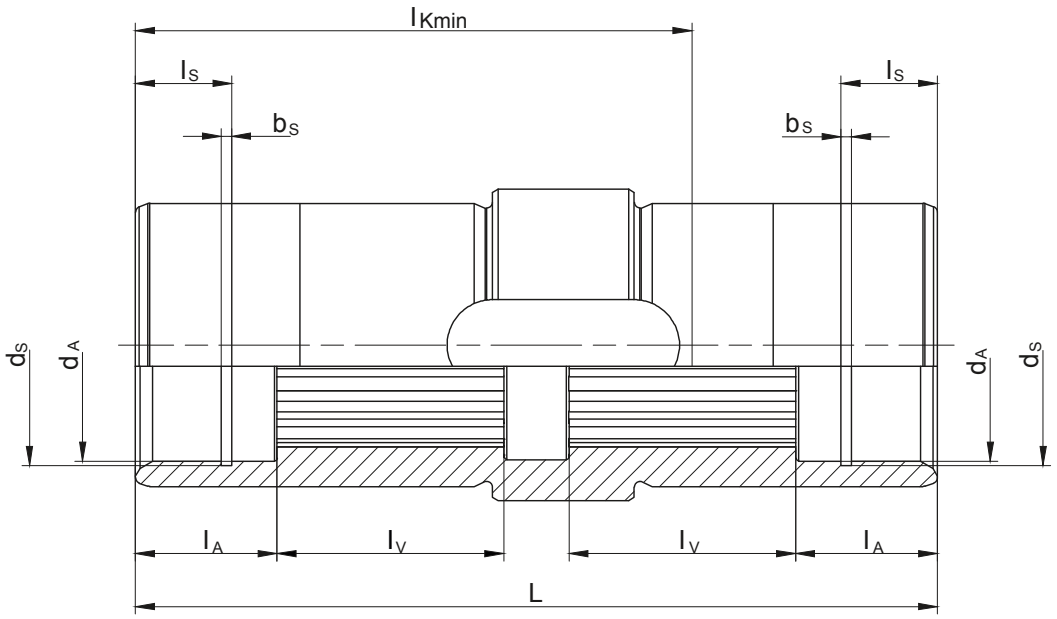


Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Splined shaft

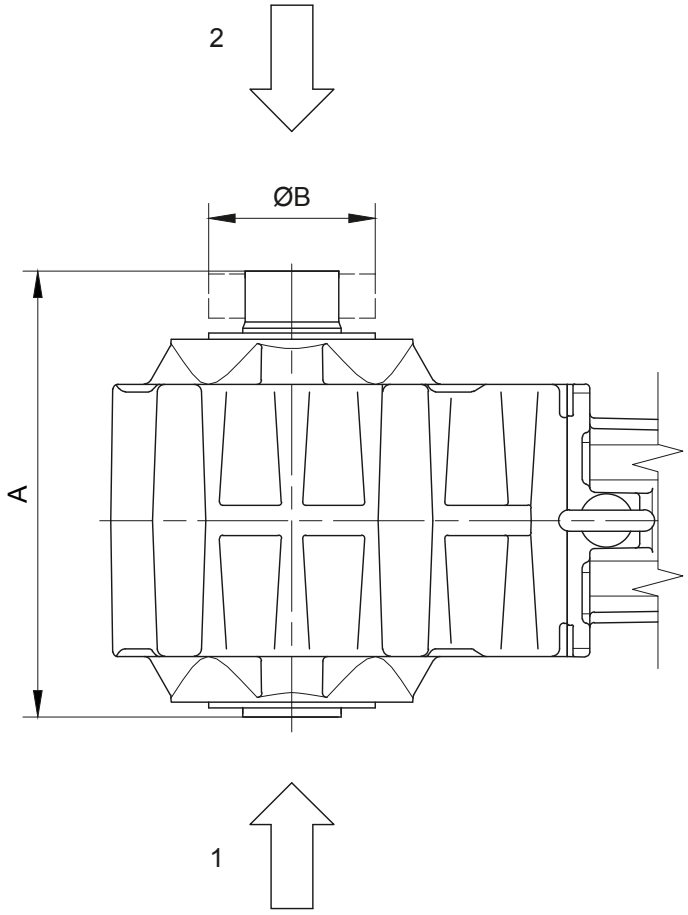


Type	Splined shaft acc. to DIN 5480	d_A	l_A	l_V	l_{Kmin}	L	d_S	l_S	b_S
BK10	N30x1.25x22x9H	35^{G7}	28	35	132	170	37^{H12}	16	1.6^{H13}
BK20	N35x2x16x9H	36^{G7}	28	35	154	192	37^{H12}	16	1.6^{H13}
BK30	N40x2x18x9H	41^{G7}	25	42	179	224	42.5^{H12}	17	1.85^{H13}
BK40	N50x2x24x9H	51^{G7}	25	49	214	260	53^{H12}	17	2.15^{H13}
BK50	N60x2x28x9H	61^{G7}	25	58	229	282	63^{H12}	17	2.15^{H13}
BK60	N70x2x34x9H	72^{G7}	25	72	248	302	75^{H12}	17	2.65^{H13}
BK70	N85x3x27x9H	86^{G7}	26	100	295	352	88.5^{H12}	17	3.15^{H13}
BK80	N110x3x35x9H	112^{G7}	60	90	335	404	116^{H12}	30	4.15^{H13}
BK90	N130x5x24x9H	131.5^{G7}	60	110	410	484	134^{H12}	30	4.15^{H13}
Dimensions in millimetres (mm)									

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shrink disc coupling (SSV)

(Code BK10-.5/...)
(Code BK10Z-.5/...)



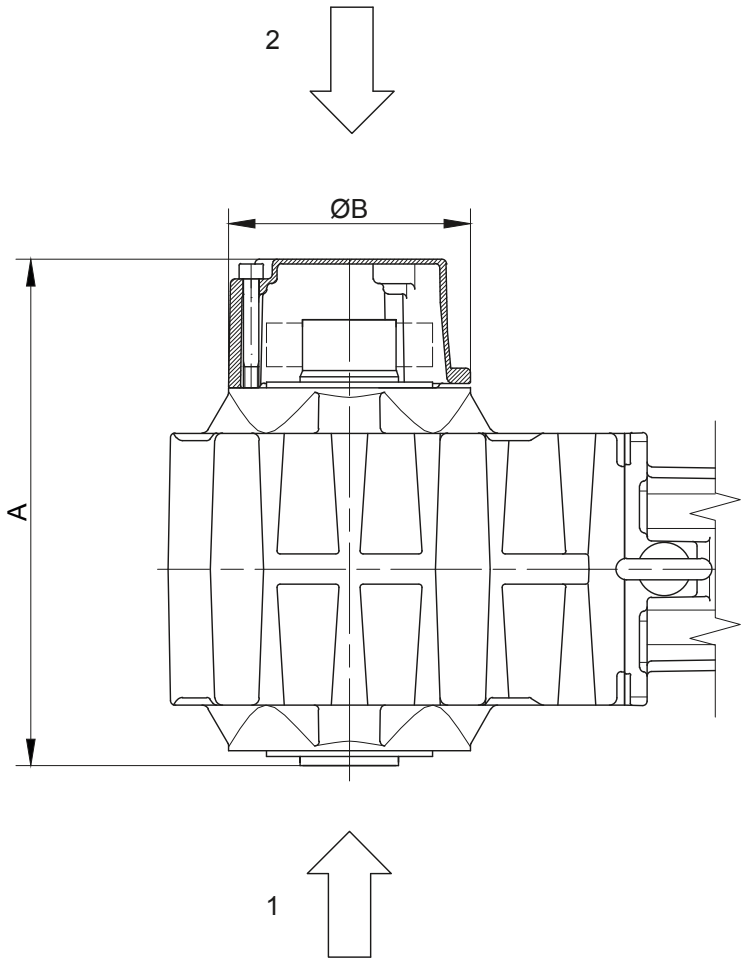
1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	SSV Ringfeder	SSV STÜWE	A	B
BK06	RfN 4161 024x050	HSD 24-22x24	118	50
BK10	RfN 4161 036x072	HSD 36-22x36	195	72
BK20	RfN 4161 044x080	HSD 44-22x44	222	80
BK30	RfN 4161 050x090	HSD 50-22x50	254	90
BK40	RfN 4161 062x110	HSD 62-22x62	295	110
BK50	RfN 4161 068x115	HSD 68-22x68	317	115
BK60	RfN 4161 080x141	HSD 80-22x80	337	140
BK70	RfN 4161 105x185	HSD 110-22x105	407	185
BK80	RfN 4161 130x215	HSD 125-22x130	464	215
BK90	RfN 4161 150x263	HSD 155-22x150	554	263
Dimensions in millimetres (mm)				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shrink disc connection with cover (SSV)

(Code BK10-.5A/...)
(Code BK10Z-.5A/...)



1 Gear side FRONT (V)
2 Gear side REAR (H)

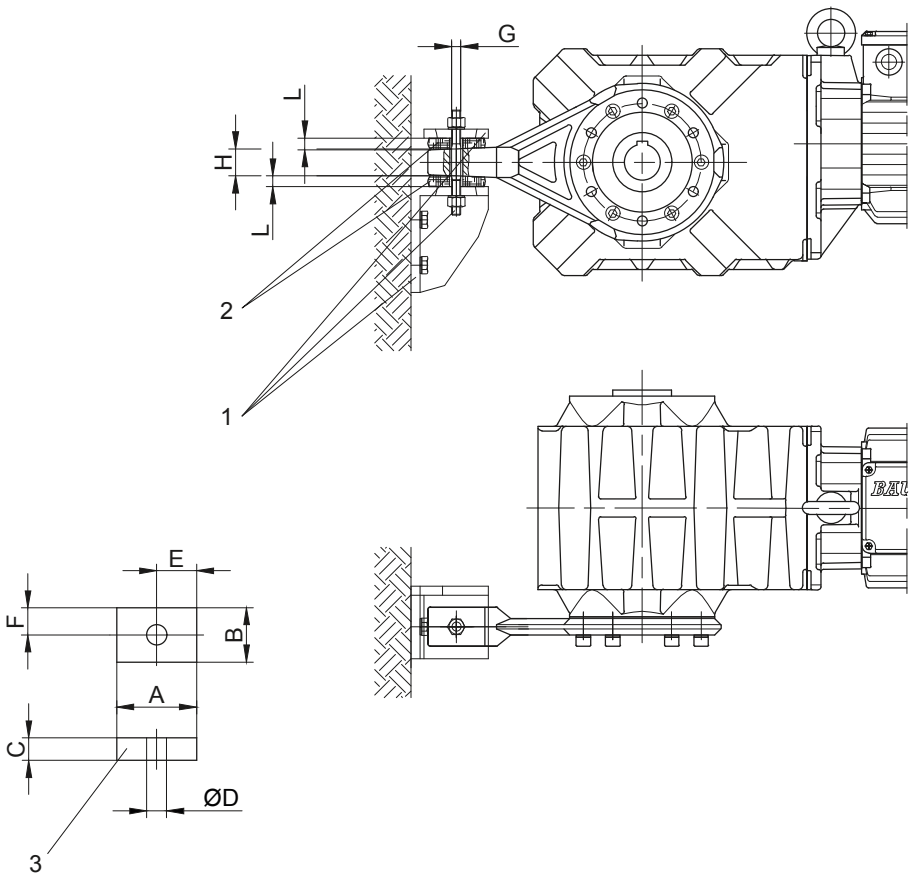
Type	SSV Ringfeder	SSV STÜWE	A	B
BK10	RfN 4161 036x072	HSD 36-22x36	217	120
BK20	RfN 4161 044x080	HSD 44-22x44	270	140
BK30	RfN 4161 050x090	HSD 50-22x50	300	160
BK40	RfN 4161 062x110	HSD 62-22x62	335	160
BK50	RfN 4161 068x115	HSD 68-22x68	331	200
BK60	RfN 4161 080x141	HSD 80-22x80	386	210
BK70	RfN 4161 105x185	HSD110-22x105	465	250
BK80	RfN 4161 130x215	HSD125-22x130	505	300
BK90	RfN 4161 150x263	HSD155-22x150	602	350
Dimensions in millimetres (mm)				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

Additional Dimension Sheet Metric

Rubber buffer for torque arm



1 not included in delivery
2 Rubber buffers pretensioned
3 Rubber buffer
G maximaler Schraubendurchmesser

Material: Natural rubber
Hardness 50 +/-5 Shore A

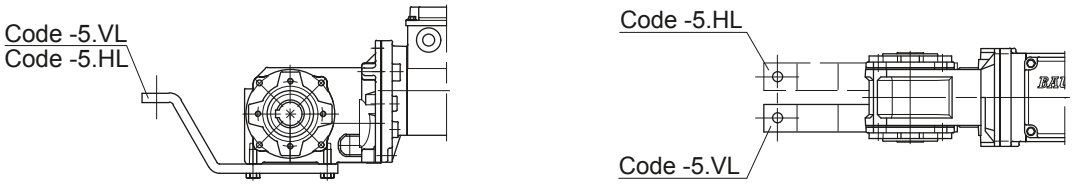
Dimensions of the transverse hole:
see dimensioned sketch of the respective shaft mounted gearbox

Gear	Position	A	B	C	D	E	F	G	H	L
BK06	0	30	30	12	12	15	15	M10	10	10
BK08	1	48	32	15	14	24	16	M10	19	13.5
BK10	1	48	32	15	14	24	16	M10	19	13.5
BK17	1	48	32	15	14	24	16	M10	19	13
BK20	1	48	32	15	14	24	16	M10	19	13
BK30	2	63	43	20	14	31.5	21.5	M10	30	17
BK40	2	63	43	20	14	31.5	21.5	M10	30	17
BK50	3	88	60	25	22	44	30	M18	36	21.5
BK60	3	88	60	25	22	44	30	M18	38	21
BK70	4	123	88	30	26	61.5	44	M20	40	25.5
BK80	5	133	103	35	26	66.5	51.5	M20	45	30
BK90	5	133	103	35	26	66.5	51.5	M20	45	29.5
Dimensions in millimetres (mm)										

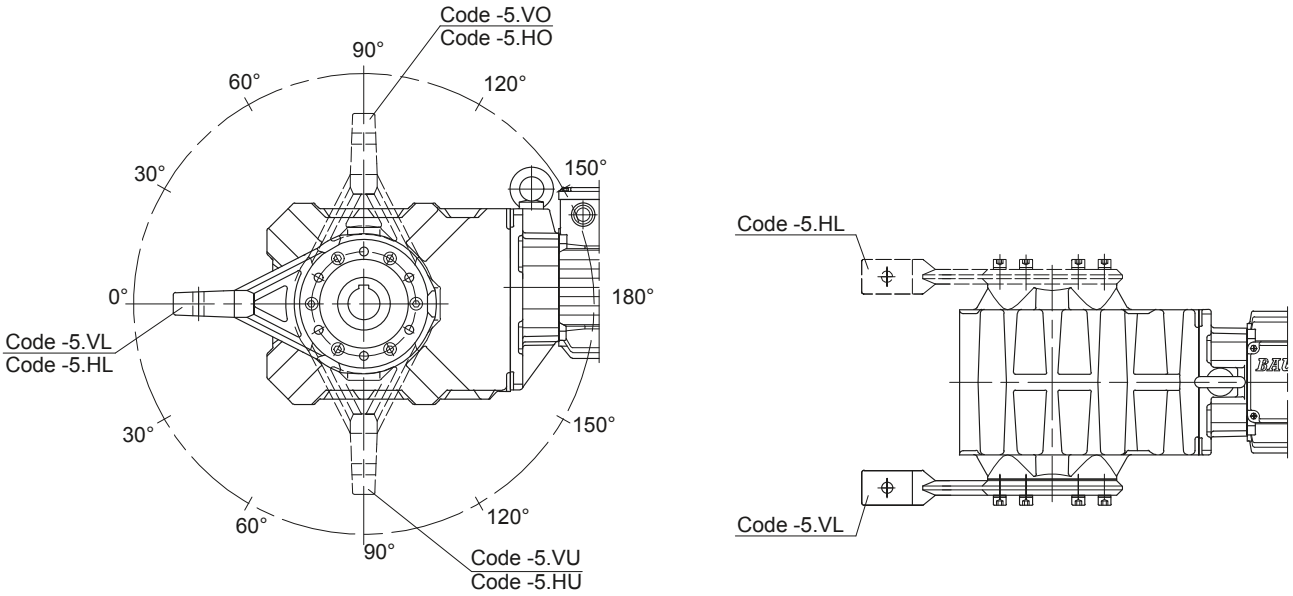
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Position of the torque arm

BK06



BK10 - BK70



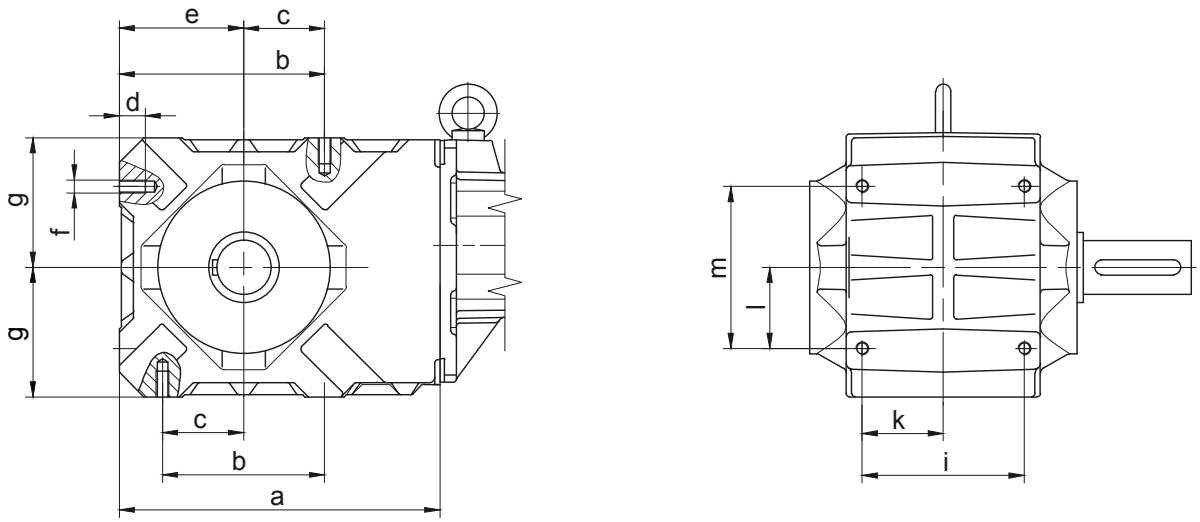
Gear	Position						
	VL/HL	VO/HO/VU/HU					VR/HR
BK06	0°	-	-	-	-	-	-
BK08	0°	30°	60°	90°	120°	-	-
BK10	0°	30°	60°	90°	120°	150°	-
BK17	0°	30°	60°	90°	120°	-	-
BK20	0°	30°	60°	90°	120°	150°	-
BK30	0°	30°	60°	90°	120°	150°	-
BK40	0°	30°	60°	90°	120°	150°	-
BK50	0°	30°	60°	90°	120°	150°	-
BK60	0°	30°	60°	90°	120°	150°	-
BK70	0°	30°	60°	90°	120°	150°	-
BK80	0°	30°	60°	90°	120°	150°	-
BK90	0°	45°		90°	135°		-

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

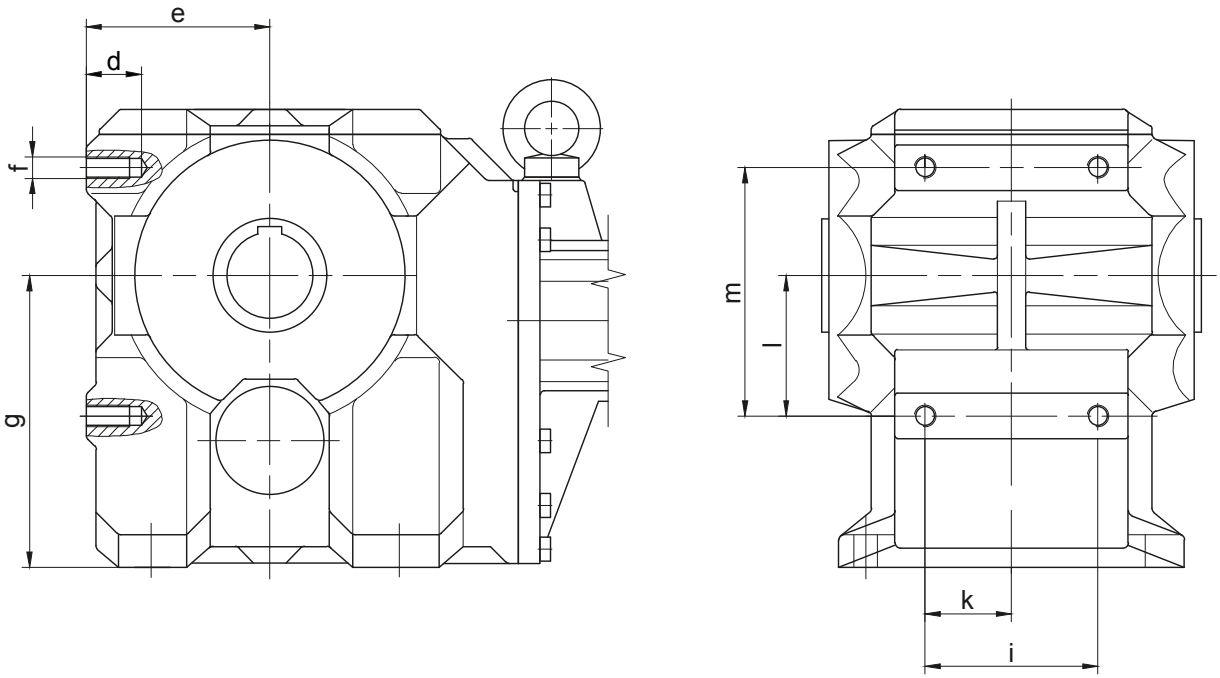
BK-series bevel-geared motors

Additional Dimension Sheet Metric

Foot with tapped holes



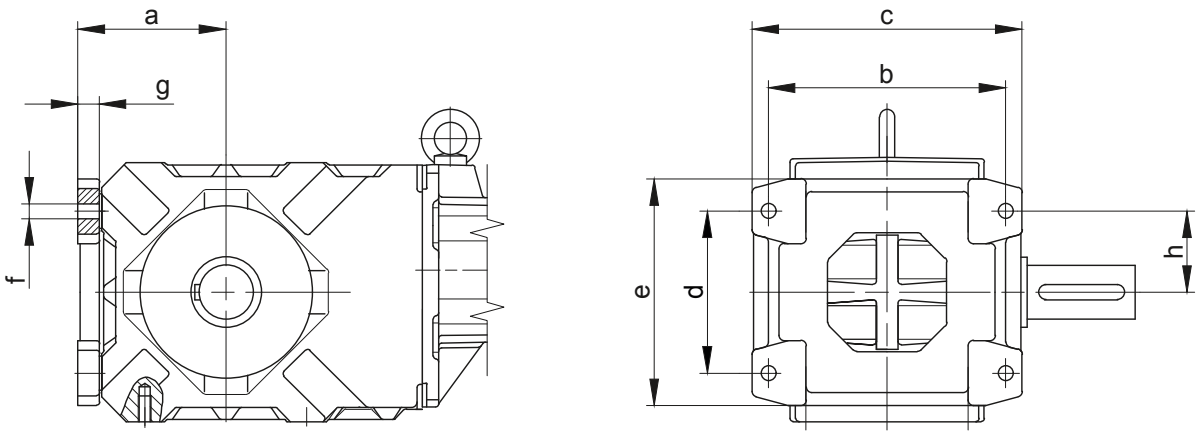
Type	a	b	c	d	e	f	g	i	k	l	m
BK10-BK10Z	202	90	45	16	78	M8	80	95	47.5	45	90
BK20-BK20Z	242	110	55	20	95	M10	100	105	52.5	55	110
BK30-BK30Z	266	125	62.5	24	105	M12	110	120	60	62.5	125
BK40-BK40Z	297	150	75	24	115	M12	120	150	75	75	150
BK50-BK50Z	356	200	100	28	145	M14	150	160	80	100	200



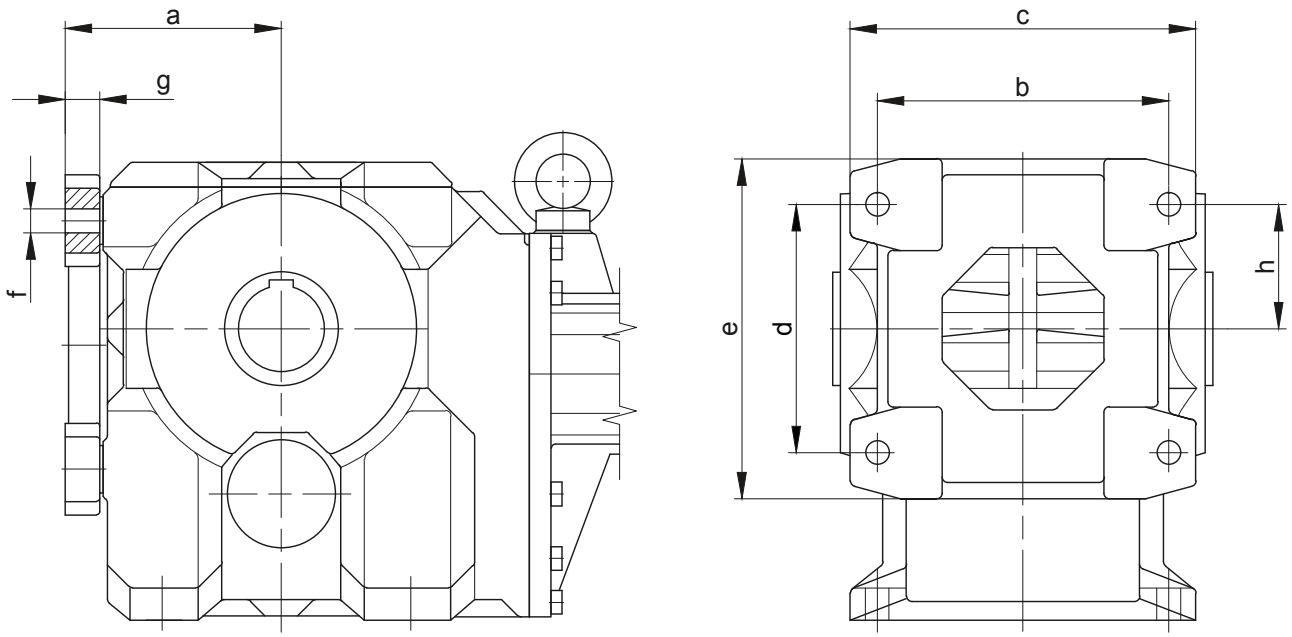
Type	a	b	c	d	e	f	g	i	k	l	m
BK60-BK60Z	-	-	-	40	130	M20	212	160	80	145	230
BK70-BK70Z	-	-	-	40	165	M20	270	160	80	130	230
BK80-BK80Z	-	-	-	60	200	M30	335	210	105	240	360
BK90-BK90Z	-	-	-	60	245	M30	410	210	105	215	360

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Foot plate with clearance holes



Type	a	b	c	d	e	f	g	h
BK10-BK10Z	96	145	165	90	130	Ø9	16	45
BK20-BK20Z	115	165	195	110	160	Ø11	18	55
BK30-BK30Z	127	190	220	125	185	Ø13.5	20	62.5
BK40-BK40Z	137	220	250	150	210	Ø13.5	20	75
BK50-BK50Z	170	240	280	200	265	Ø17.5	23	100



Type	a	b	c	d	e	f	g	h
BK60-BK60Z	165	270	320	230	315	Ø22	32	85
BK70-BK70Z	200	270	320	230	315	Ø22	32	100
BK80-BK80Z	250	400	480	360	480	Ø33	47	120
BK90-BK90Z	295	400	480	360	480	Ø33	47	145

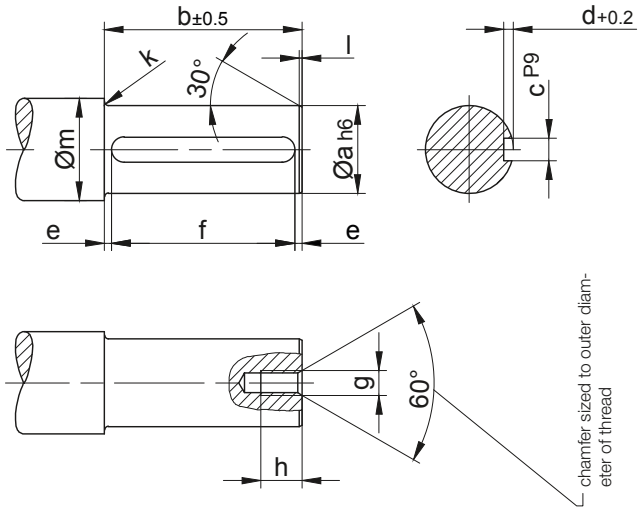
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

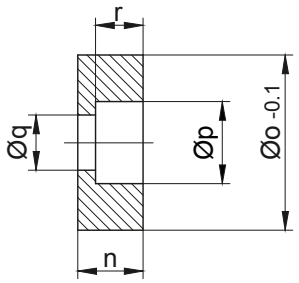
Additional Dimension Sheet Metric

Assembly tools for hollow shaft and keyway

Position 1 Shaft

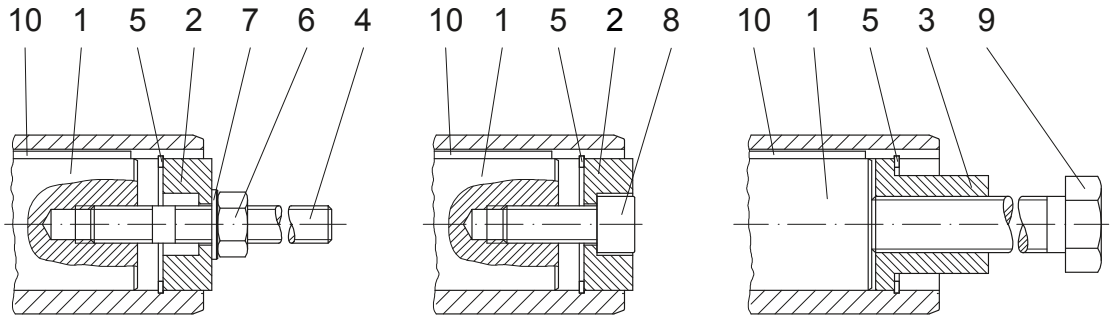


* Position 2 Disc



Material: Steel, tensile strength ≥ 470 N/mm²

Type	Dimensions (mm)															
	Postion 1 Shaft											Postion 2 Disc				
	a	b	c	d	e	f	g	h	k	l	m	n	o	p	q	r
BK06	20	75	6	3.5	6	$63^{+0.3}$	M8	16	2	1	28	13.5	19.8	11	6.6	6.5
BK10	25	148	8	4	11.5	$125^{+0.5}$	M8	18	2.5	1.5	33	13.5	24.8	15	9	8.5
BK20	30	170	8	4	15	$140^{+0.5}$	M10	20	3	1.5	38	15	29.8	18	11	10
BK30	35	201	10	5	10.5	$180^{+0.5}$	M10	20	3	1.5	43	16	34.8	18	11	10
BK40	40	235	12	5	17.5	$200^{+0.5}$	M12	22	3	2	48	18	39.8	20	13.5	12
BK50	50	254	14	5.5	17	$220^{+0.5}$	M16	30	3.5	2	58	21	49.8	26	17.5	15
BK60	60	273	18	7	11.5	$250^{+0.5}$	M20	38	3.5	2	68	24	59.8	33	22	18
BK70	80	316	22	9	18	$280^{+0.5}$	M20	38	4	2	90	27	79.8	33	22	20
BK70-K70	70	316	20	7.5	18	$280^{+0.5}$	M20	38	4	2	90	27	69.8	33	22	20
BK80	100	360	28	10	20	$320^{+0.5}$	M24	45	4	3	110	32	99.8	40	26	25
BK90	120	432	32	11	16	$400^{+0.5}$	M24	45	4.5	3	130	35	119.8	40	26	28



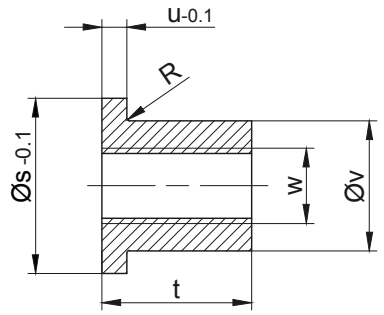
Installation Holding Dismantlement

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

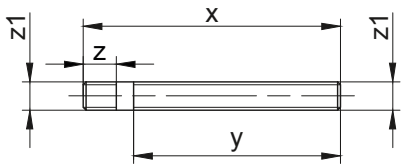
Assembly tools for hollow shaft and keyway

Position 3 Sleeve



Material: Steel, tensile strength ≥ 470 N/mm²

* Position 4 Stud bolt



Material: Steel, tensile strength ≥ 1000 N/mm² Thread rolled

Type	Dimensions (mm)										* Retaining ring DIN 472	Hexagon nut DIN 394-8	Disc DIN 125-St	* Filister head screw DIN 912-8.8	Starting torque (Nm)	Hexagon bolt DIN EN 24017-8.8	Key DIN 6885 Width/Height/Length
	Position 3 Sleeve						Position 4 Stud bolt										
	s	t	u	v	w	R	x	y	z	z1	Pos.5	Pos.6	Pos.7	Pos.8		Pos.9	Pos.10
BK06	19.8	20	5	11.1	M8	0.8	130	100	20	M6	20x1	M6	6.4	M6x30	5	M6x120	A 6x6x63
BK10	24.8	24	5	15.4	M12	0.8	200	170	20	M8	25x1.2	M8	8.4	M8x30		M12x190	A 8x7x125
BK20	29.8	28	5	19.8	M14	0.8	230	195	23	M10	30x1.2	M10	10.5	M10x30	8	M14x210	A 8x7x140
BK30	34.8	28	5	23	M14	-	260	220	23	M10	35x1.5	M10	10.5	M10x35		M14x240	A 10x8x180
BK40	39.8	40	6	27.7	M20	0.8	300	260	28	M12	40x1.75	M12	13	M12x35	16	M20x290	A 12x8x200
BK50	49.8	48	6	36	M24	-	340	290	37	M16	50x2.0	M16	17	M16x40	30	M24x320	A 14x9x220
BK60	59.8	60	6	44	M30	-	370	310	45	M20	60x2.0	M20	21	M20x50	42	M30x350	A 18x11x250
BK70	79.8	60	8	55	M30	-	420	360	45	M20	80x2.5	M20	21	M20x50		M30x400	A 22x14x280
BK70-K70	69.8	60	8	53	M30	-	420	360	45	M20	70x2.5	M20	21	M20x50		M30x400	A 20x12x280
BK80	99.8	72	10	75	M36	-	480	410	55	M24	100x3.0	M24	25	M24x60	100	M36x450	A 28x16x320
BK90	119.8	72	10	80	M36	-	560	480	55	M24	120x4.0	M24	25	M24x60		M36x520	A 32x18x400

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

Optional

Type	Assembly tool „Holding“
BK06	Id.Nr.4104013
BK10	Id.Nr.4103921
BK20	Id.Nr.4103939
BK30	Id.Nr.4103947
BK40	Id.Nr.4103955
BK50	Id.Nr.4103963
BK60	Id.Nr.4103971
BK70	Id.Nr.4103980
BK70-K70	Id.Nr.4104765
BK80	Id.Nr.4103998
BK90	Id.Nr.4104005

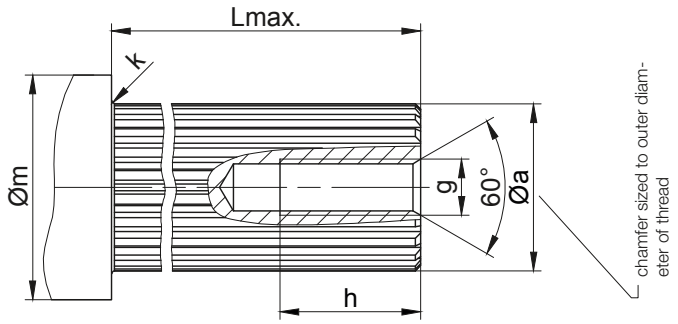
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

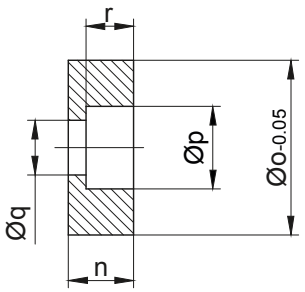
Additional Dimension Sheet Metric

Assembly tools for splined shaft

Position 1 Shaft

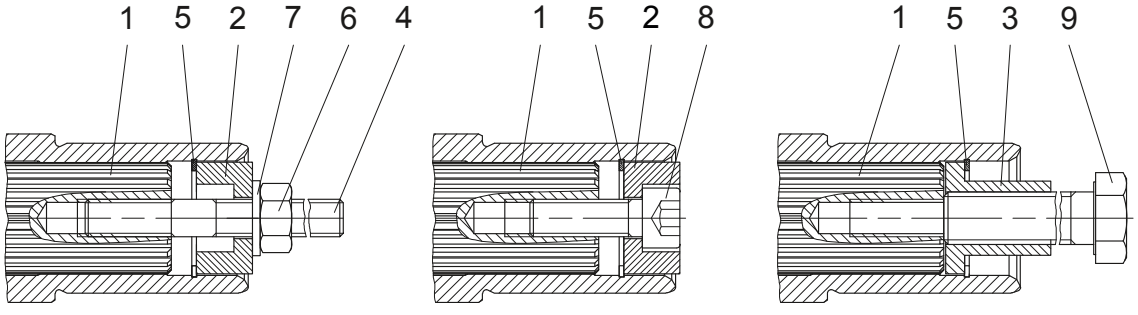


* Position 2 Disc



Material: Steel, tensile strength ≥ 470 N/mm²

Type	Dimensions (mm)										
	Postion 1 Shaft						Postion 2 Disc				
	a	g	h	g	Lmax.	m	n	o	p	q	r
BK10	DIN 5480-W30x1.25x22	M10	25	2.5	145	42	15	34.9	18	11	10
BK20	DIN 5480-W35x2x16	M10	25	3	167	44	14	35.9	18	11	10
BK30	DIN 5480-W40x2x18	M12	30	3	200	49	18	40.9	20	13.5	12
BK40	DIN 5480-W50x2x24	M16	35	3	235	59	17.5	50.9	26	17.5	12.5
BK50	DIN 5480-W60x2x28	M20	40	3.5	255	69	24	60.9	33	22	18
BK60	DIN 5480-W70x2x34	M20	40	3.5	275	80	24	71.9	33	22	18
BK70	DIN 5480-W85x3x27	M20	40	4	323	96	22	85.9	33	22	16
BK80	DIN 5480-W110x3x35	M24	50	4	360	122	32	111.9	40	26	25
BK90	DIN 5480-W130x5x24	M24	50	4.5	440	143	25	131.4	40	26	18



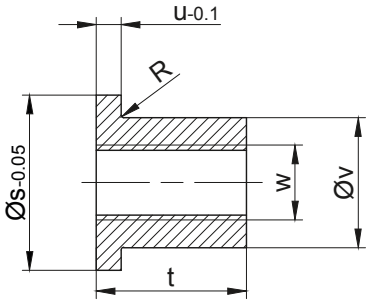
Installation Holding Dismantlement

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

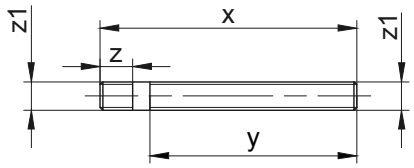
Assembly tools for splined shaft

Position 3 Sleeve



Material: Steel, tensile strength ≥ 470 N/mm²

* Position 4 Stud bolt



Material: Steel, tensile strength ≥ 1000 N/mm² Thread rolled

Type	Dimensions (mm)										* Retaining ring DIN 472	Hexagon nut DIN 394-8	Disc DIN 125-St	* Filister head screw DIN 912-8.8	Tightening torques (Nm)	Hexagon bolt DIN EN 24017-8.8
	Position 3 Sleeve						Position 4 Stud bolt									
	s	t	u	v	w	R	x	y	z	z1	Pos.5	Pos.6	Pos.7	Pos.8		Pos.9
BK10	30.4	28	5	19.8	M14	-	200	170	23	M10	35x1.5	M10	10.5	M10x30	8	M14x190
BK20	35.9	28	5	23	M14	-	230	195	23	M10	35x1.5	M10	10.5	M10x35		M14x210
BK30	40.9	40	6	27.7	M20	-	260	220	28	M12	40x1.75	M12	13	M12x35	16	M20x240
BK40	50.9	48	6	36	M24	0.8	300	260	37	M16	50x2.0	M16	17	M16x40	30	M24x290
BK50	60.9	60	6	44	M30	-	340	290	45	M20	60x2.0	M20	21	M20x50	42	M30x320
BK60	71.9	60	6	53	M30	0.8	370	310	45	M20	72x2.5	M20	21	M20x50		M30x350
BK70	85.9	60	8	65	M30	0.8	420	360	45	M20	85x3	M20	21	M20x50		M30x400
BK80	111.9	72	10	85	M36	0.8	480	410	55	M24	112x4	M24	25	M24x60	100	M36x450
BK90	131.4	72	10	95	M36	0.8	560	480	55	M24	130x4	M24	25	M24x60		M36x520

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

Optional

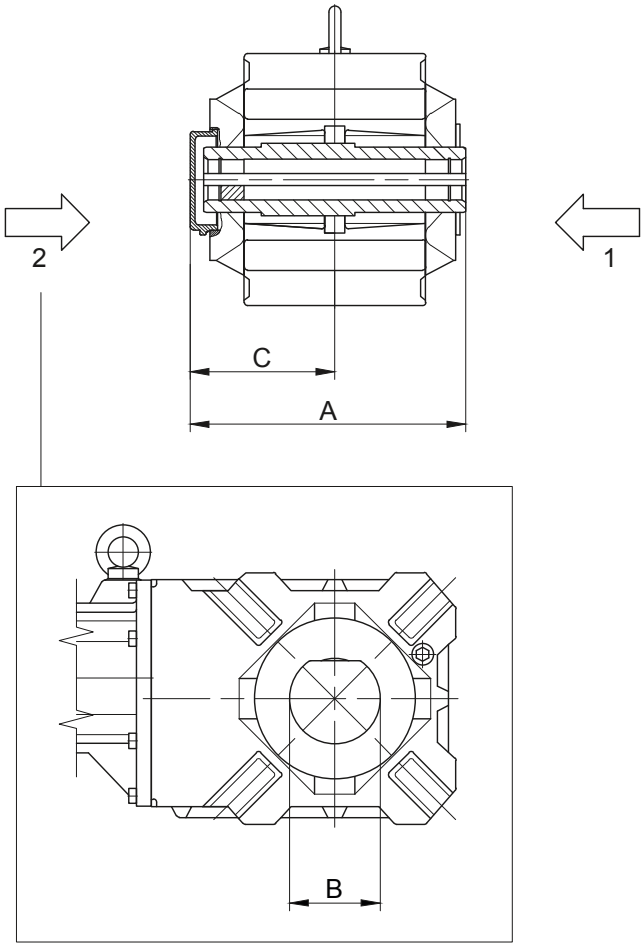
Type	Assembly tool „Holding“
BK10	Id.Nr. 4105133
BK20	Id.Nr. 4105141
BK30	Id.Nr. 4105150
BK40	Id.Nr. 4105168
BK50	Id.Nr. 4105176
BK60	Id.Nr. 4105184
BK70	Id.Nr. 4105192
BK80	Id.Nr. 4105206
BK90	Id.Nr. 4105214

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

Additional Dimension Sheet Metric

Shaft cap (VK)



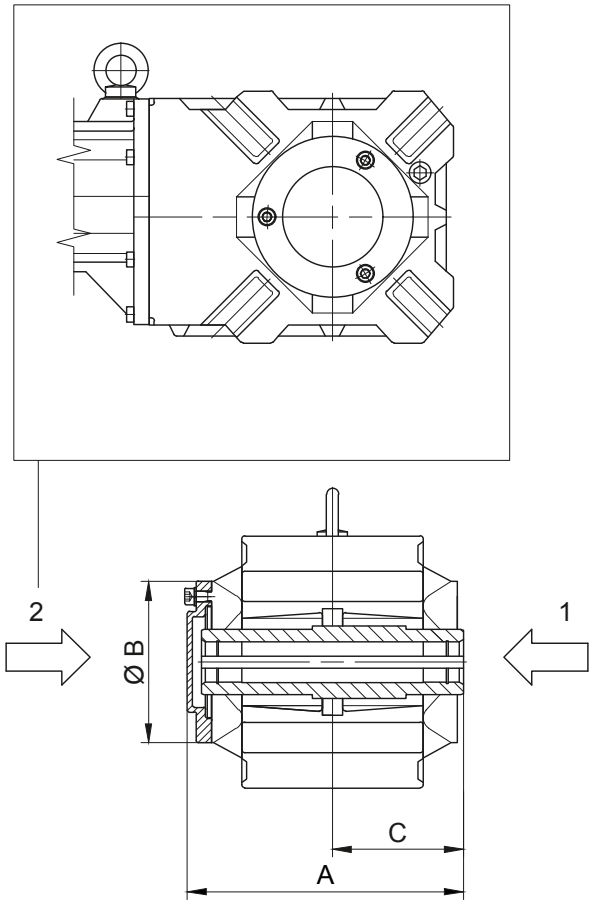
12

1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	A	B	C
BK10	182.5	85	97.5
BK20	204.5	90	108.5
BK40	273.5	100	143.5
BK50	298	115	157
BK60	322	130	171
BK70	370	160	194
Dimensions in millimetres (mm)			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

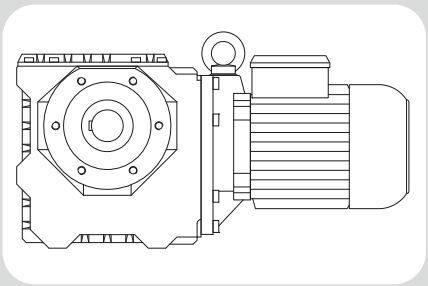
Shaft cover (VD)



1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	A	B	C
BK10	181	120	85
BK20	206	139.5	96
BK30	239	160	112
BK40	274	160	130
BK50	297	199	141
BK60	321	210	151
BK70	368	250	176
BK80	419	300	202
BK90	492	351	242
Dimensions in millimetres (mm)			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.



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BS-series worm-geared motors - Dimensions

Dimension - Standard Imperial 576
BS02 576
BS03 578
BS04 580
BS06 582
BS10 - BS10Z 584
BS20 - BS20Z 586
BS30 - BS30Z 588
BS40 - BS40Z 590
Dimension - Tandem Gearbox Imperial 592
BS06G04 592
BS10G06 594
BS20G06 596
BS30G06 598
BS40G10 600
Additional Dimension Sheet Imperial 602
Shrink disc couplings (SSV) 602
Shrink disc couplings with (SSV) cover 603
Rubber buffer for torque restraint 604
Position of the torque arm 605
Threaded foot 606
Foot plate, left 607
Assembly tools for hollow shaft and keyway 608
Shaft cap (VK) 610
Shaft cover (VD) 611
Dimension - Standard Metric 612
BS02 612
BS03 614
BS04 616
BS06 618
BS10 - BS10Z 620
BS20 - BS20Z 622
BS30 - BS30Z 624
BS40 - BS40Z 626
Dimension - Tandem Gearbox Metric 628
BS06G04 628
BS10G06 630
BS20G06 632
BS30G06 634
BS40G10 636
Additional Dimension Sheet Metric 638
Shrink disc coupling (SSV) 638
Shrink disc coupling with (SSV) cover 639
Rubber buffer for torque arm 640
Position of the torque arm ..... 641 ▶

◀ Threaded foot 642
Foot plate, left 643
Assembly tools for hollow shaft and keyway 644
Shaft cap (VK) 646
Shaft cover (VD) 647

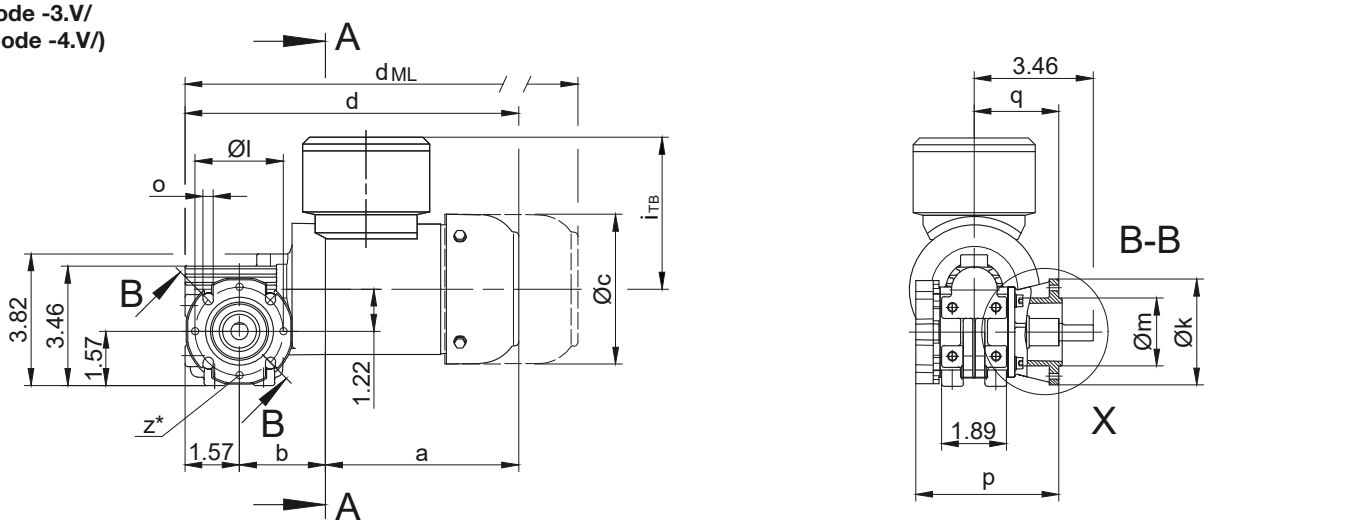
BS-series worm-geared motors

Dimension - Standard Imperial

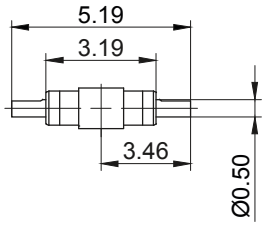
BS02

Flange with clearance holes at front

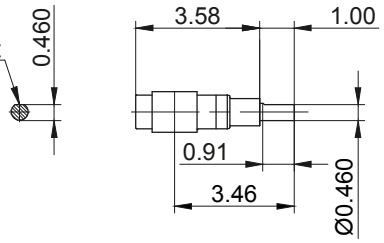
Code -3.V/
(Code -4.V/)



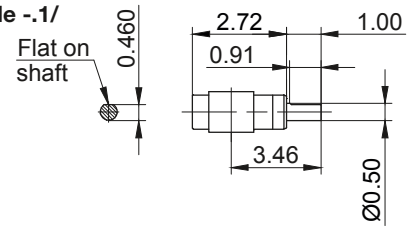
Code -.3/

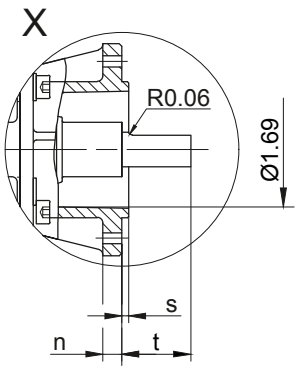


Code -.7/
Flat on shaft

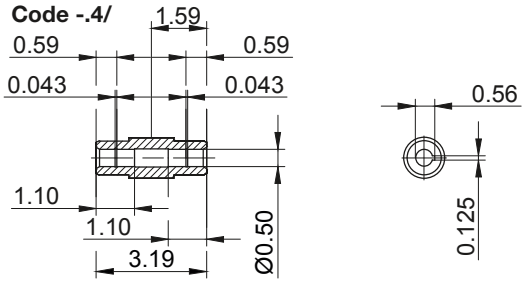


Code -.1/
Flat on shaft

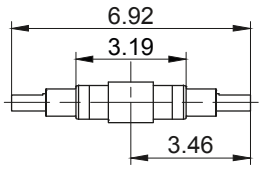


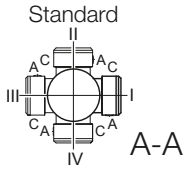


Code -.4/



Code -.9





* optional 4xM5 for code -3.
* optional 4xM6 for code -4.

Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS02	Code -3.V/	3.150	2.559	1.969	0.295	0.217	4.154	2.461	0.098	1.000
BS02	Code -4.V/	4.331	3.150	2.362	0.315	0.260	4.154	2.461	0.098	1.000
Dimensions in inch										

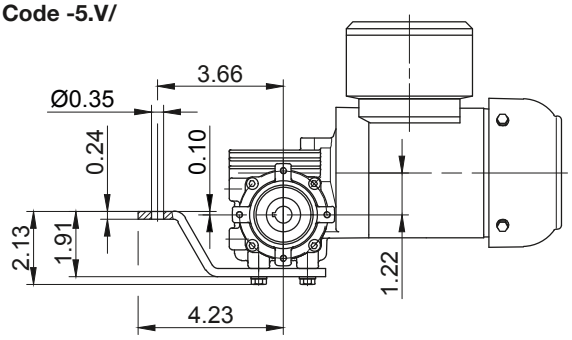
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

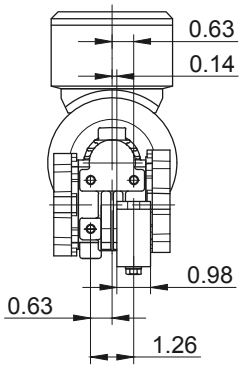
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS02-../D04.A.	5.61	2.50	4.35	9.69	3.54	4.41	11.40	13.13	14.84	-
BS02-../D..05.A.	6.72	2.58	4.84	10.87	4,00	4.61	12.52	14.91	16.38	-
BS02-../D..06.A.	6.70	2.58	4.84	10.86	4,00	4.69	12.51	14.89	16.37	-
BS02-../D..07.A.	7.49	2.58	4.84	11.65	4,00	4.69	13.30	15.68	17.16	-
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

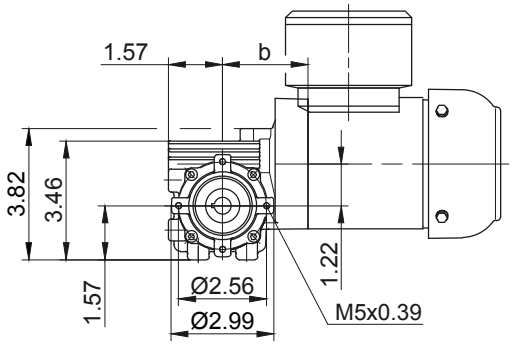
BS02

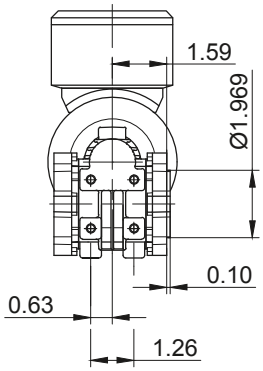
Torque arm at front
Code -5.V/



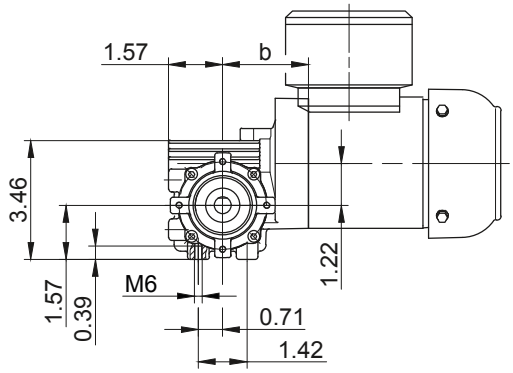


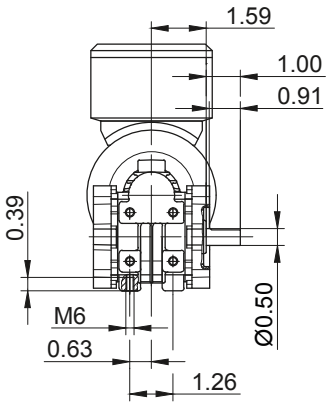
Foot with tapped holes at front
Code -7.V/



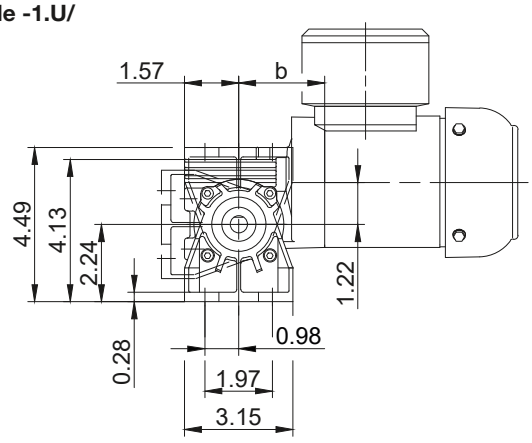


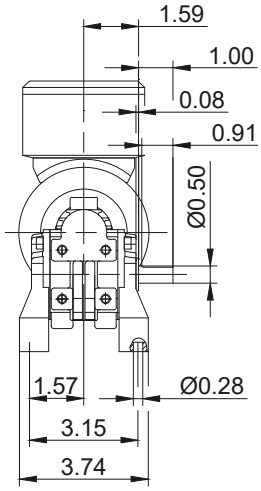
Foot with tapped holes at bottom
Code -6.U/





Foot with clearance holes at bottom
Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

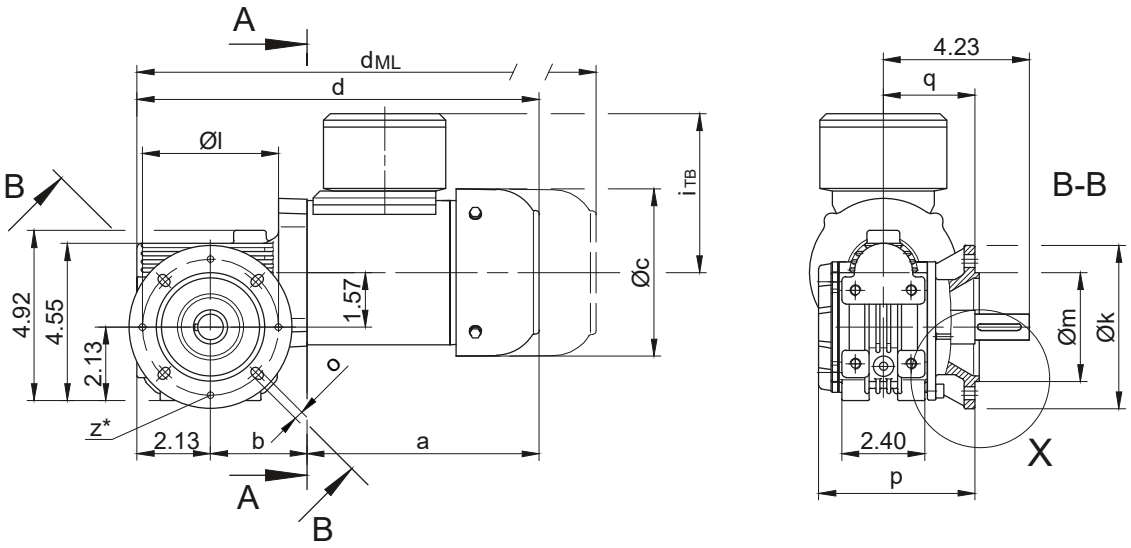
BS-series worm-geared motors

Dimension - Standard Imperial

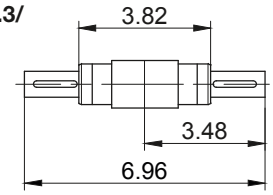
BS03

Flange with clearance holes at front

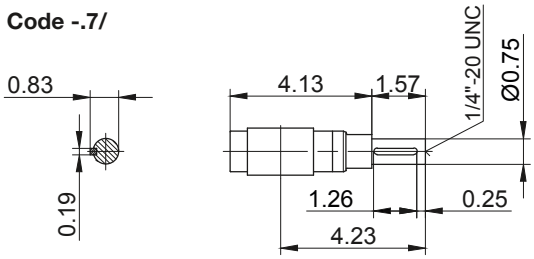
Code -3.V/

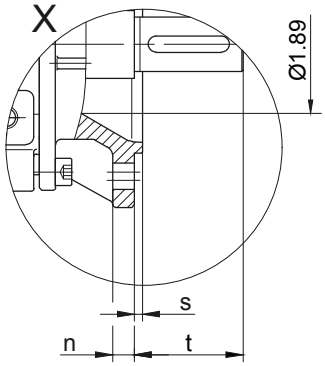


Code -.3/

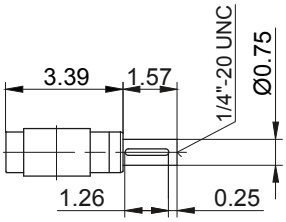


Code -.7/

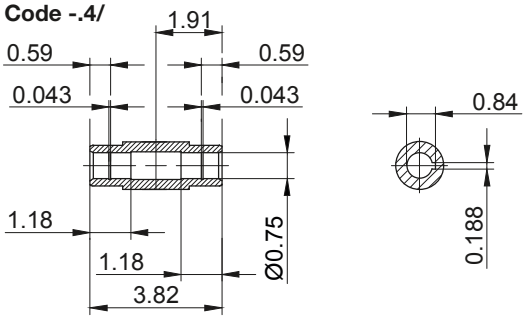


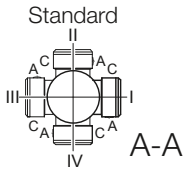


Code -.1/



Code -.4/





* optional 4xM6 for code -3.

Flange Dimensions											Shaft extension tolerance:
Type	Design	k	l	m	n	o	p	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BS03	Code -3.V/	4.724	3.937	3.150	0.315	0.260	4.528	2.657	0.118	1.570	over 1.5 in diameter: +0.000 / -0.001 in
Dimensions in inch											Flange spigot diameter: +0.0003 / -0.0015 in

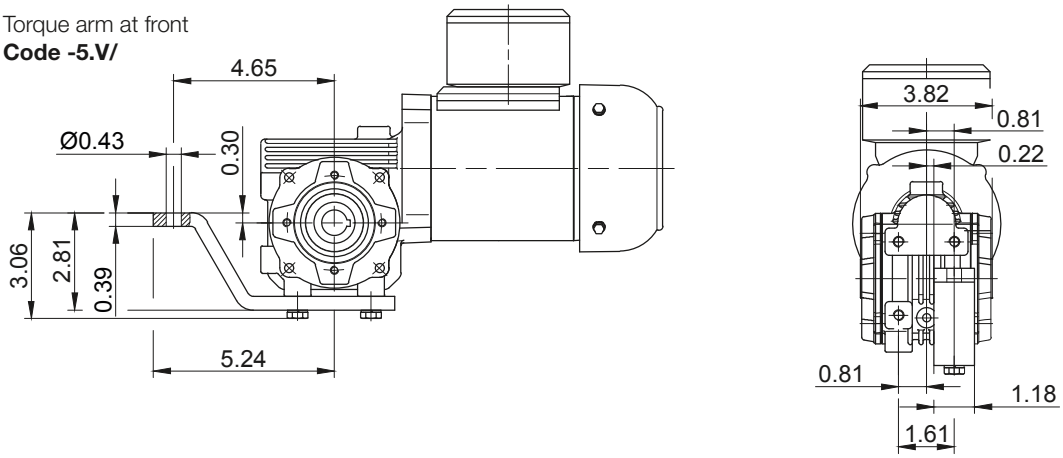
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS03-../D..05.A.	6.72	2.80	4.84	11.64	4,00	4.61	13.29	15.67	17.15	-
BS03-../D..06.A.	6.70	2.80	4.84	11.63	4,00	4.69	13.28	15.66	17.14	-
BS03-../D..07.A.	7.49	2.80	4.84	12.41	4,00	4.69	14.07	16.45	17.93	-
BS03-../D..08.A.	7.85	4.53	6.14	14.51	4.57	5.37	17.11	18.92	21.34	17.11
BS03-../D..08.B.	9.04	4.53	6.14	15.69	4.57	5.37	18.29	20.10	22.50	18.29
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS03

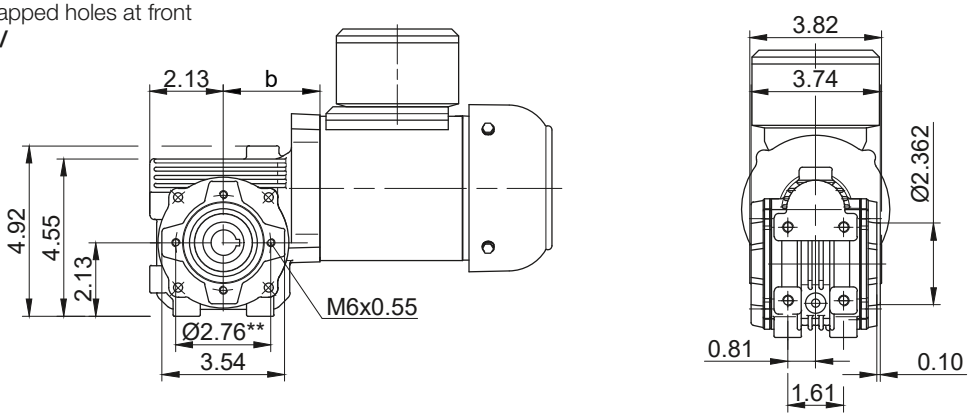
Torque arm at front

Code -5.V/



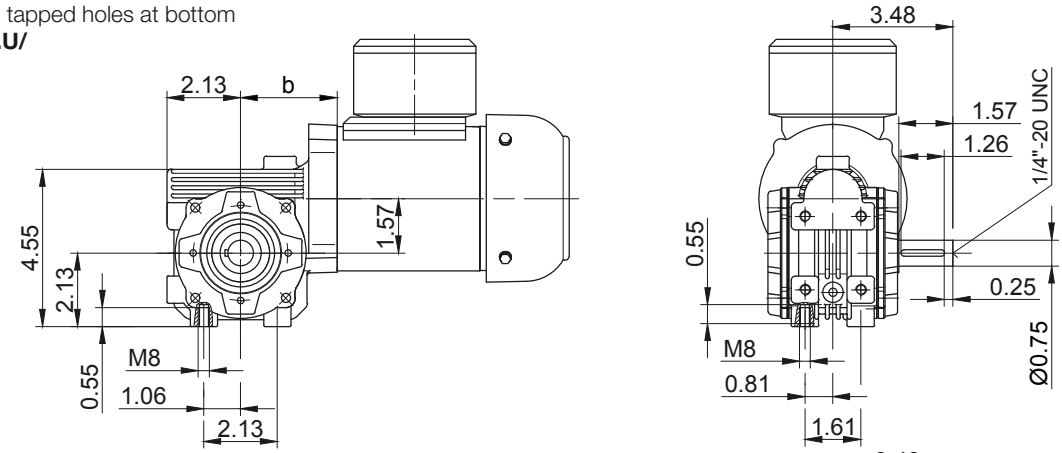
Foot with tapped holes at front

Code -7.V/



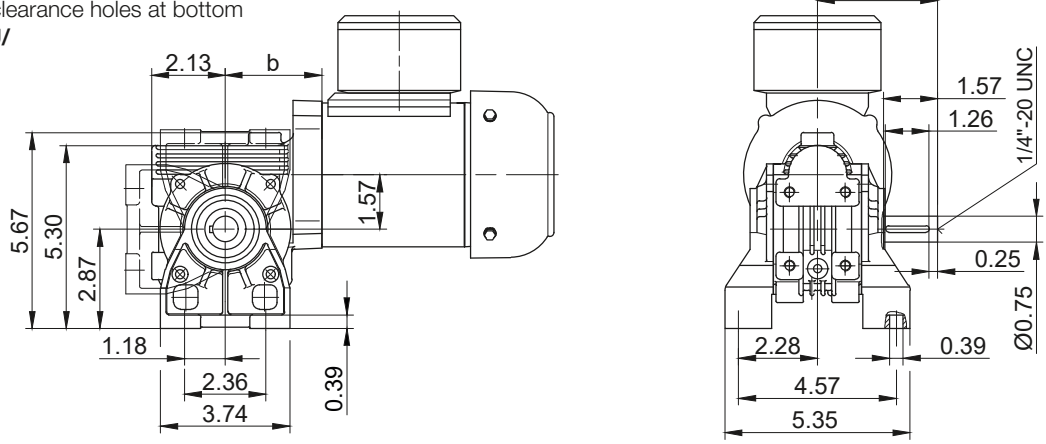
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



** not for D..08.. with PTO shaft (code -.1, -.2, -3., -.7, -.8, -.9)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

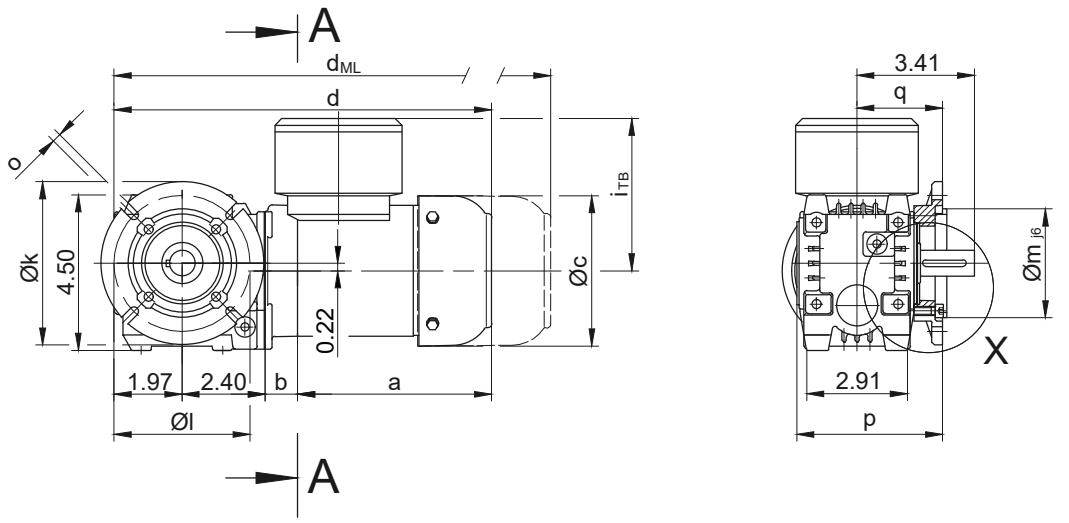
BS-series worm-geared motors

Dimension - Standard Imperial

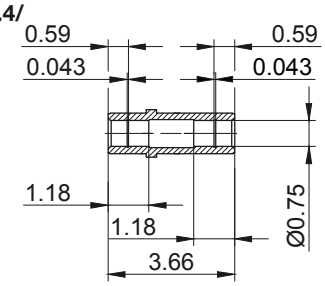
BS04

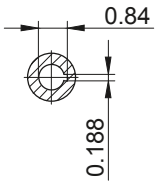
Flange with clearance holes at front

Code -3.V/

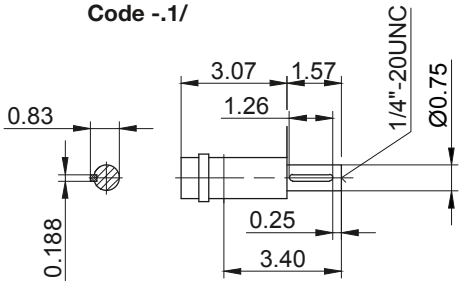


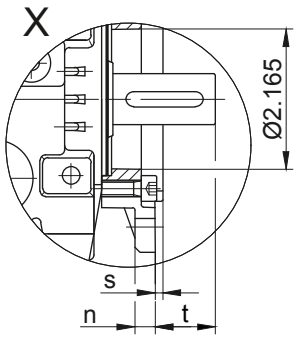
Code -.4/

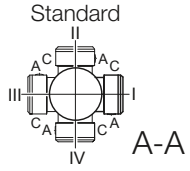




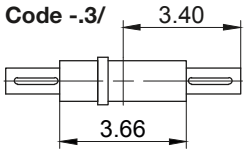
Code -.1/







Code -.3/



Flange Dimensions											Shaft extension tolerance:
Type	Design	k	l	m	n	o	p	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BS04	Code -3.V/	4.724	3.937	3.150	0.315	0.260	4.232	2.480	0.118	0.920	over 1.5 in diameter: +0.000 / -0.001 in
Dimensions in inch											Flange spigot diameter: +0.0003 / -0.0015 in

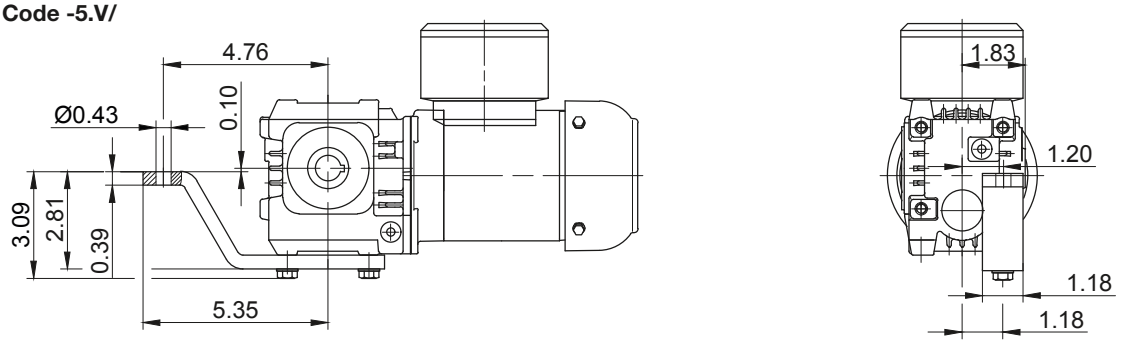
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS04-../D04.A.	5.61	0.94	4.35	10.93	3.54	4.41	12.64	14.37	16.08	-
BS04-../D..05.A.	6.72	1.02	4.84	12.11	4,00	4.61	13.76	16.15	17.62	-
BS04-../D..06.A.	6.70	1.02	4.84	12.10	4,00	4.69	13.75	16.13	17.61	-
BS04-../D..07.A.	7.49	1.02	4.84	12.89	4,00	4.69	14.54	16.92	18.40	-
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS04

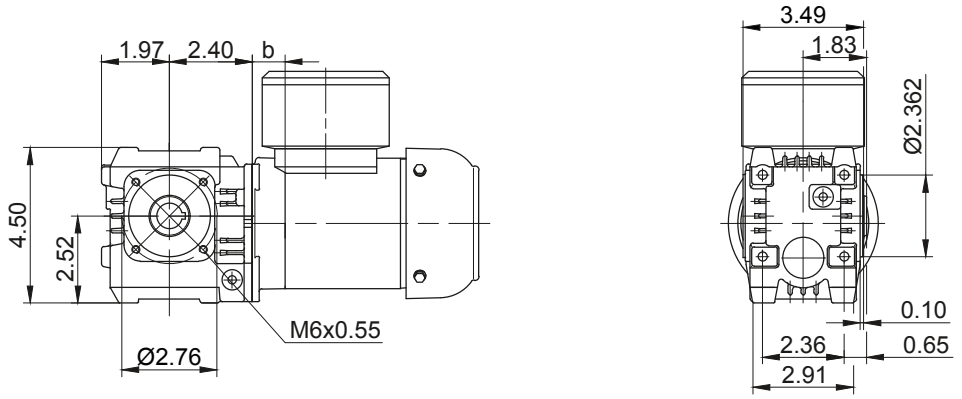
Torque arm at front

Code -5.V/



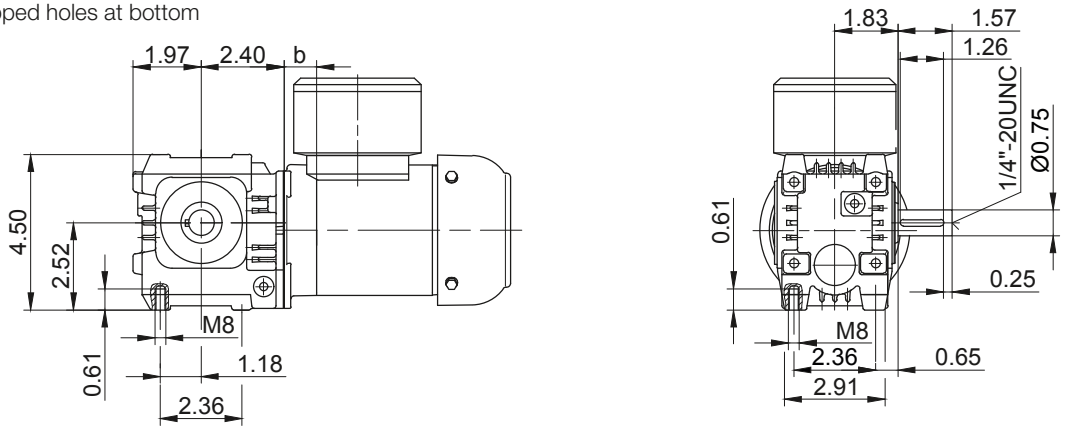
Foot with tapped holes at front

Code -7.V/



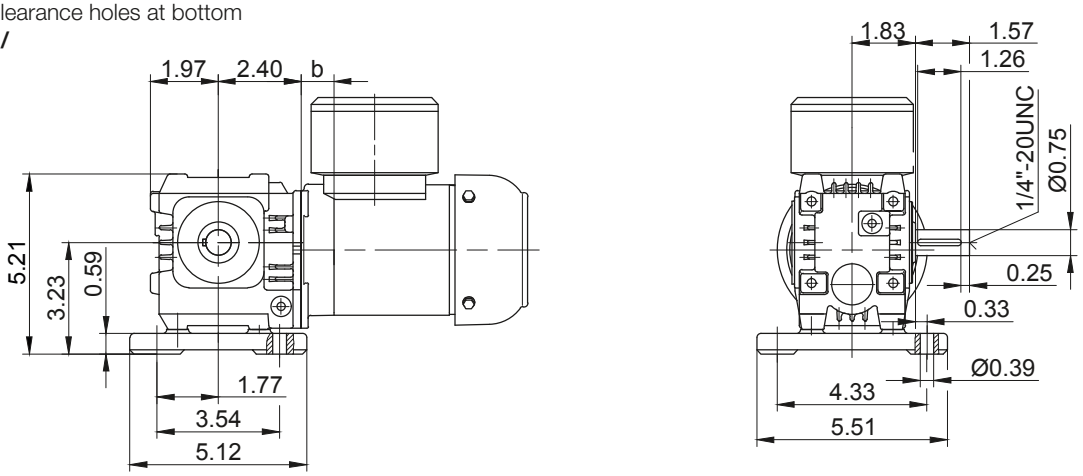
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



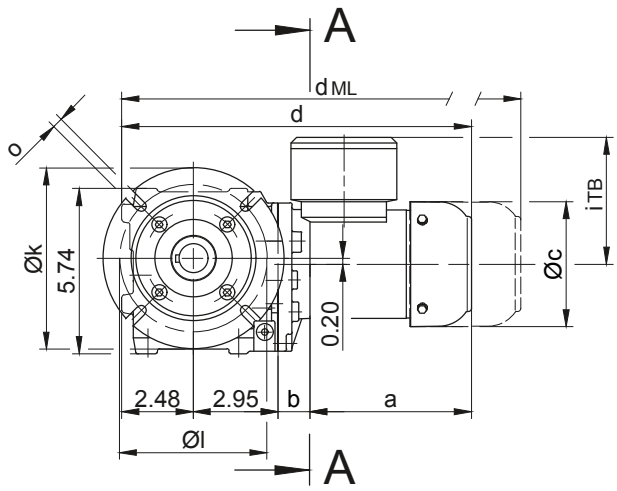
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

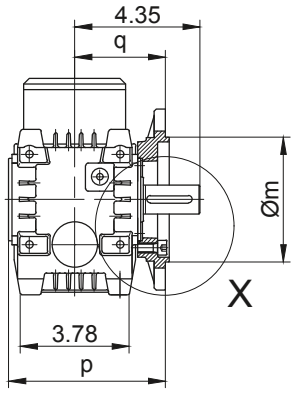
BS-series worm-geared motors

Dimension - Standard Imperial

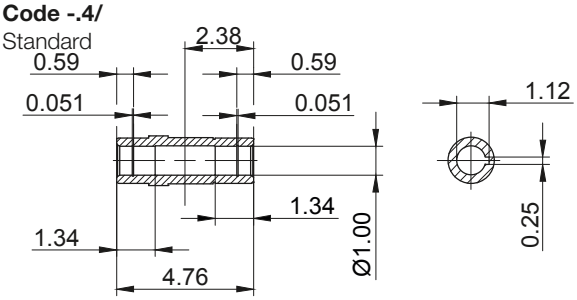
BS06

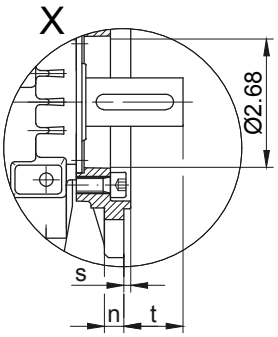
Flange with clearance holes at front
Code -3.V/
(Code -4.V/)



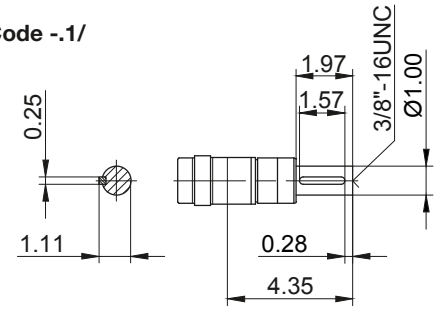


Code -.4/
Standard

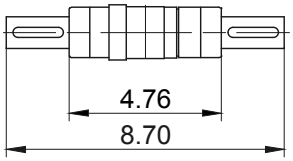




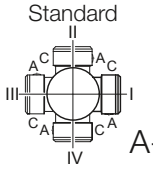
Code -.1/



Code -.3/



Standard



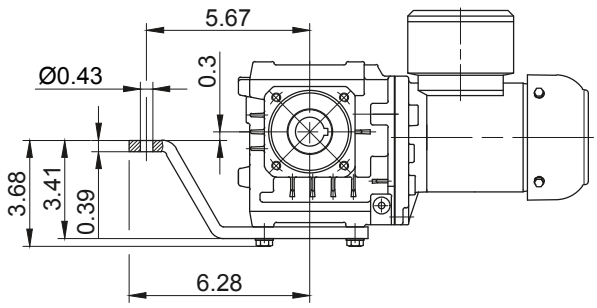
Flange Dimensions											Shaft extension tolerance:
Type	Design	k	l	m	n	o	p	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BS06..	Code -3.V/	5.512	4.528	3.740	0.394	0.354	5.445	3.150	0.118	1.201	over 1.5 in diameter: +0.000 / -0.001 in
BS06..	Code -4.V/	6.299	5.118	4.331	0.394	0.354	5.445	3.150	0.138	1.201	Flange spigot diameter: +0.0003 / -0.0015 in
Dimensions in inch											

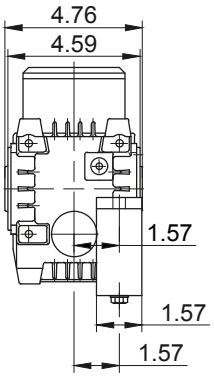
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS06-../D04.A.	5.61	1.10	4.35	12.15	3.54	4.41	13.86	15.59	17.30	-
BS06-../D..05.A.	6.72	1.18	4.84	13.33	4,00	4.61	14.98	17.37	18.84	-
BS06-../D..06.A.	6.70	1.18	4.84	13.32	4,00	4.69	14.97	17.35	18.83	-
BS06-../D..07.A.	7.49	1.18	4.84	14.11	4,00	4.69	15.76	18.14	19.62	-
BS06-../D..08.A.	7.85	2.91	6.14	16.20	4.57	5.37	18.80	20.61	23.03	18.80
BS06-../D..08.B.	9.04	2.91	6.14	17.38	4.57	5.37	19.98	21.79	24.19	19.98
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

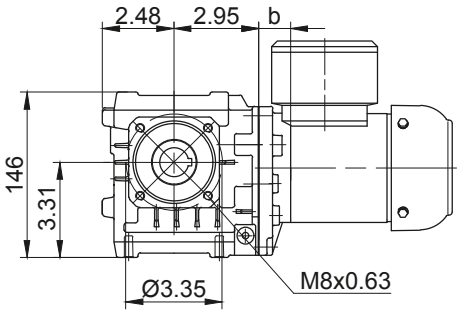
BS06

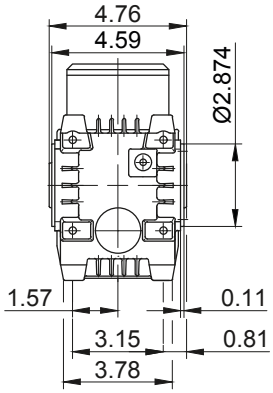
Torque arm at front
Code -5.V/



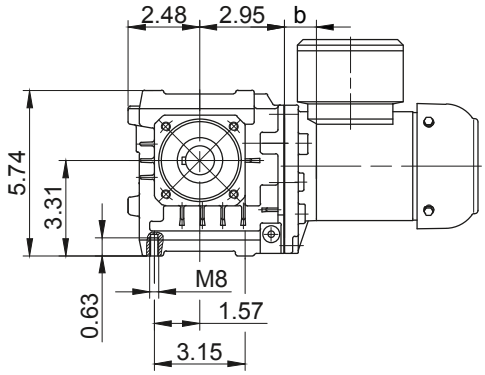


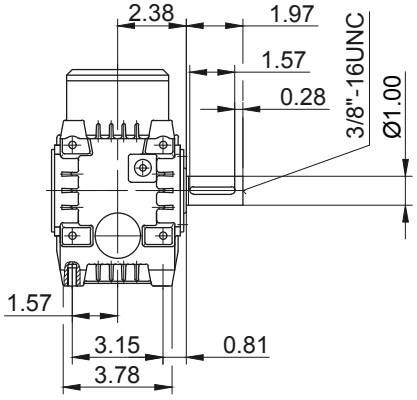
Foot with tapped holes at front
Code -7.V/



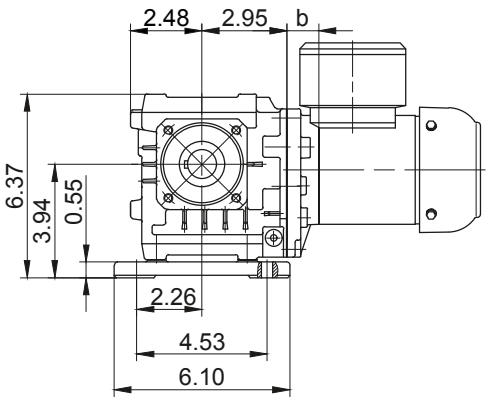


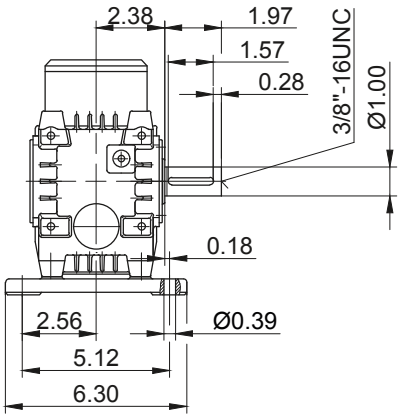
Foot with tapped holes at bottom
Code -6.U/





Foot with clearance holes at bottom
Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

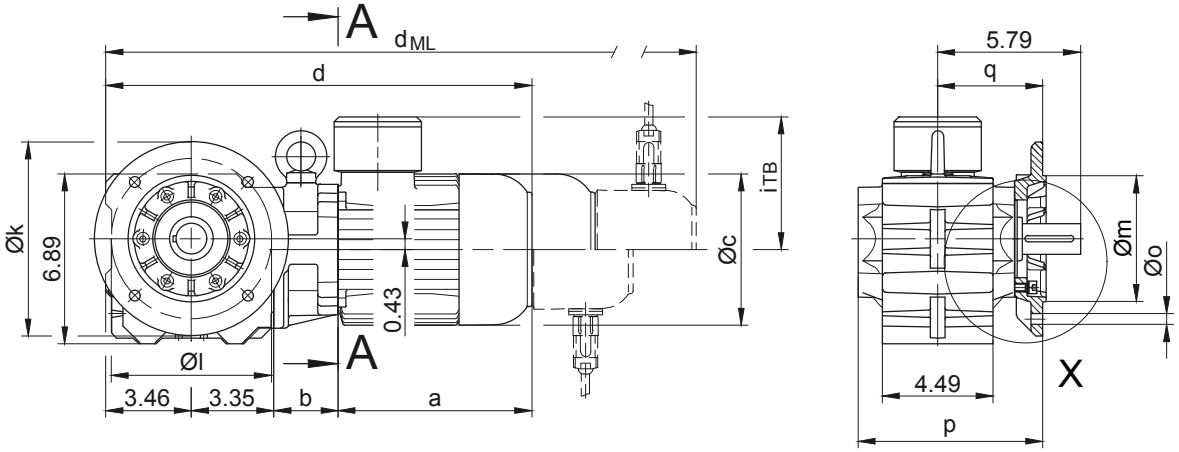
BS-series worm-geared motors

Dimension - Standard Imperial

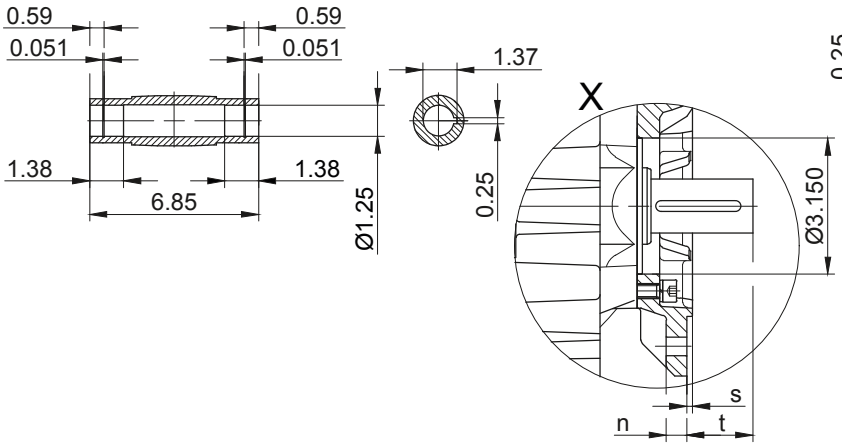
BS10 - BS10Z

Flange with clearance holes at front

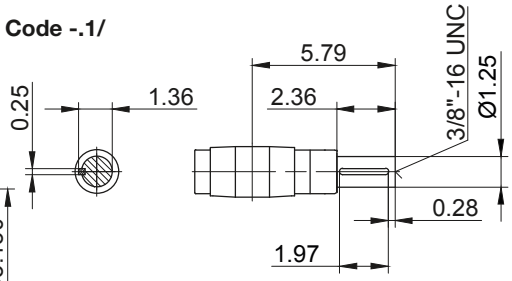
Code -3.V/
(Code -2.V/)



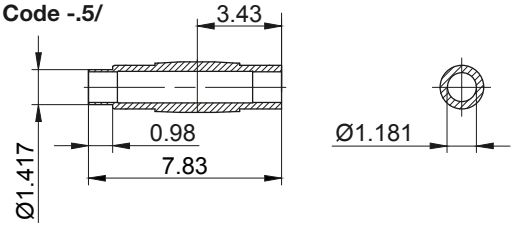
Code -.4/



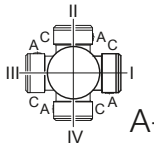
Code -.1/



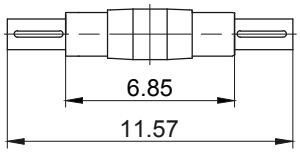
Code -.5/



Standard



Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS10..	Code -3.V/	7.874	6.496	5.118	0.472	0.433	7.480	4.252	0.138	1.533
BS10..	Code -2.V/	6.299	5.118	4.331	0.394	0.354	7.205	3.976	0.138	1.809
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

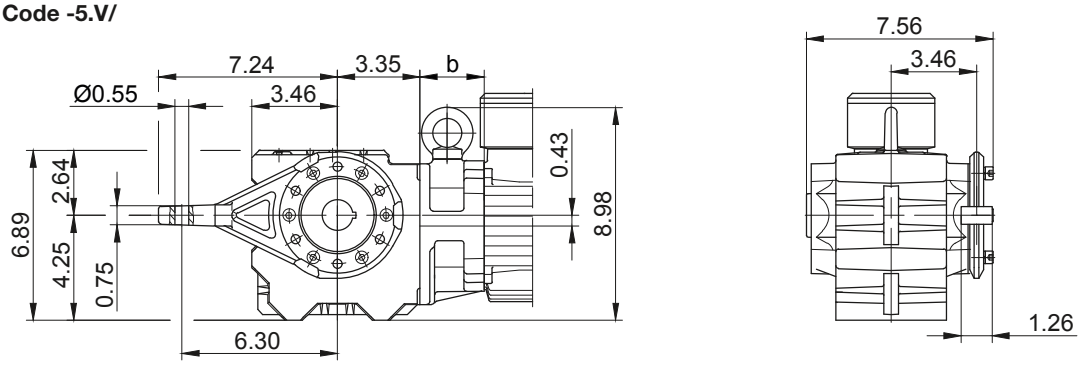
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS10Z-../D04.A.	5.61	3.39	4.35	15.81	3.54	4.41	17.52	19.25	20.96	-
BS10-../D..05.A.	6.72	2.44	4.84	15.97	4,00	4.61	17.62	20.00	21.48	-
BS10Z-../D..05.A.	6.72	3.46	4.84	16.99	4,00	4.61	18.65	21.03	22.50	-
BS10-../D..06.A.	6.70	2.44	4.84	15.96	4,00	4.69	17.61	19.99	21.47	-
BS10Z-../D..06.A.	6.70	3.46	4.84	16.98	4,00	4.69	18.63	21.02	22.49	-
BS10-../D..07.A.	7.49	2.44	4.84	16.74	4,00	4.69	18.40	20.78	22.26	-
BS10Z-../D..07.A.	7.49	3.46	4.84	17.77	4,00	4.69	19.42	21.80	23.28	-
BS10-../D..08.A.	7.85	2.60	6.14	17.26	4.57	5.37	19.86	21.67	24.09	19.86
BS10Z-../D..08.A.	7.85	5.20	6.14	19.86	4.57	5.37	22.46	24.27	26.69	22.46
BS10-../D..08.B.	9.04	2.60	6.14	18.44	4.57	5.37	21.04	22.85	25.26	21.04
BS10Z-../D..08.B.	9.04	5.20	6.14	21.04	4.57	5.37	23.64	25.45	27.85	23.64
BS10-../D..09.A.	9.86	3.17	6.93	19.84	4.94	6.18	23.50	24.08	27.60	23.50
BS10-../D..09.B.	12.15	3.17	6.93	22.13	4.94	6.18	25.79	26.34	29.89	25.79
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS10 - BS10Z

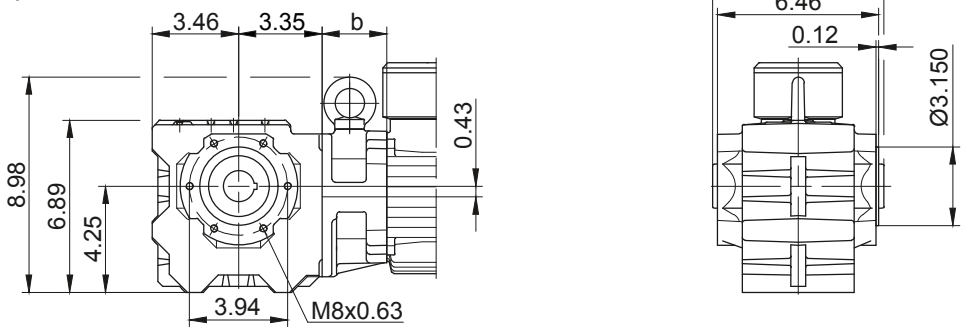
Torque arm at front

Code -5.V/



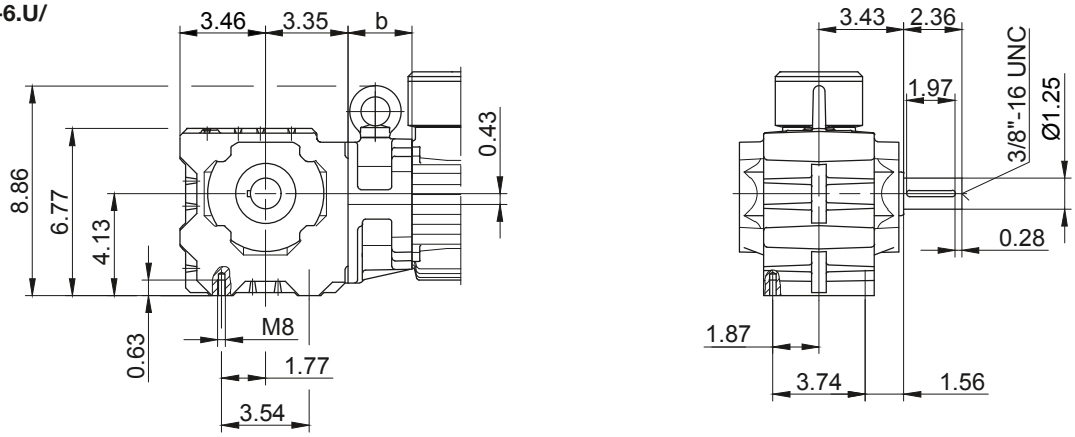
Foot with tapped holes at front

Code -7.V/



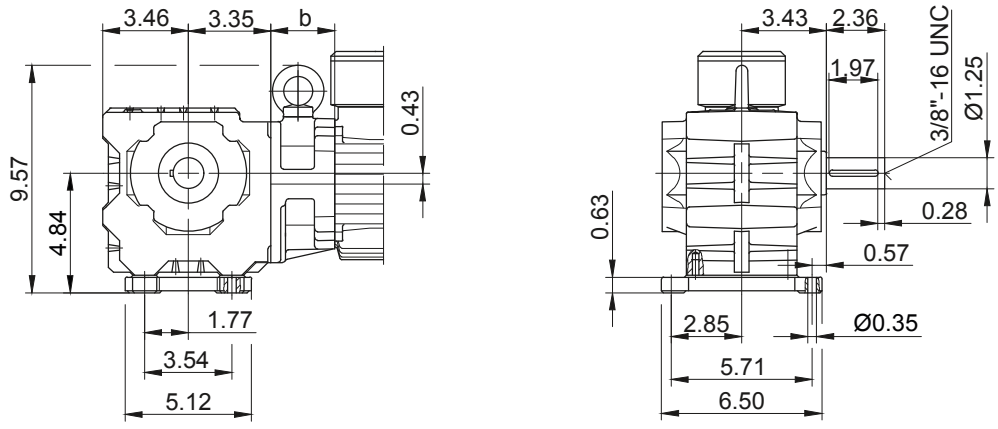
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

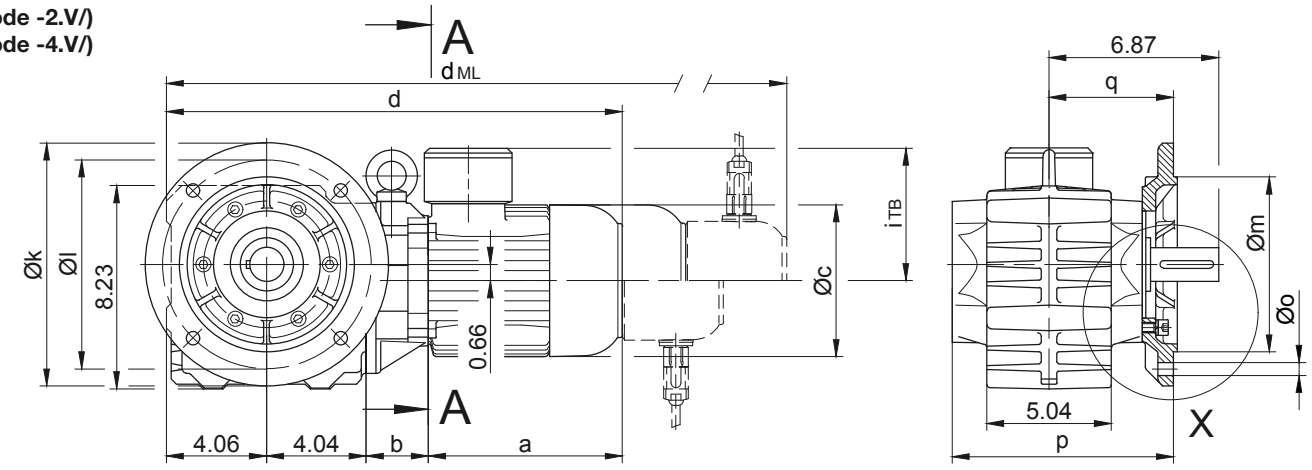
BS-series worm-geared motors

Dimension - Standard Imperial

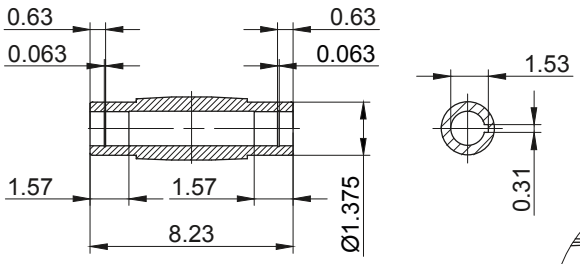
BS20 - BS20Z

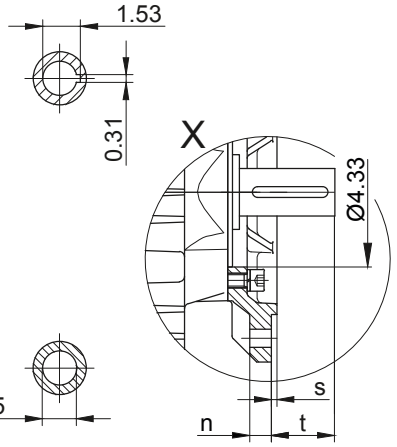
Flange with clearance holes at front

Code -3.V/
(Code -2.V/)
(Code -4.V/)

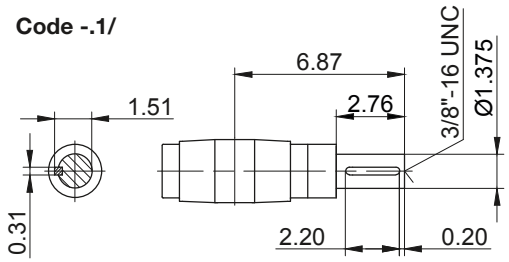


Code -.4/

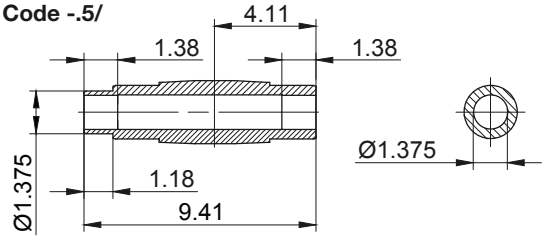




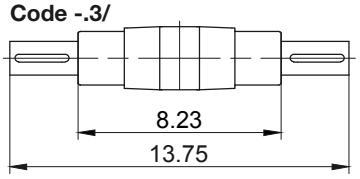
Code -.1/



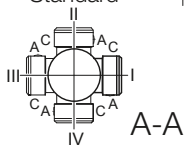
Code -.5/



Code -.3/



Standard



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS20..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	8.957	5.039	0.157	1.835
BS20..	Code -2.V/	7.874	6.496	5.118	0.472	0.433	8.839	4.921	0.138	1.953
BS20..	Code -4.V/	11.811	10.433	9.055	0.787	0.531	9.193	5.276	0.157	1.599
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

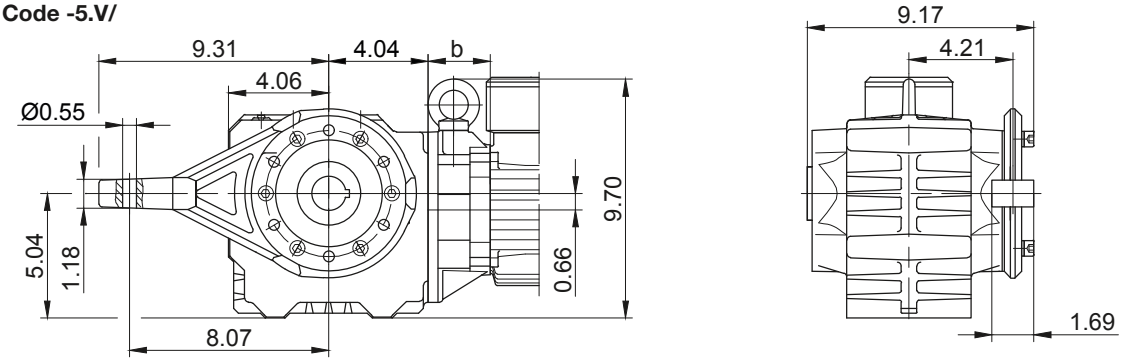
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS20Z-../D04.A.	5.61	3.94	4.35	17.64	3.54	4.41	19.35	21.08	22.79	-
BS20-../D..05.A.	6.72	2.36	4.84	17.17	4,00	4.61	18.82	21.20	22.68	-
BS20Z-../D..05.A.	6.72	4.02	4.84	18.82	4,00	4.61	20.48	22.86	24.33	-
BS20-../D..06.A.	6.70	2.36	4.84	17.16	4,00	4.69	18.81	21.19	22.67	-
BS20Z-../D..06.A.	6.70	4.02	4.84	18.81	4,00	4.69	20.46	22.85	24.32	-
BS20-../D..07.A.	7.49	2.36	4.84	17.94	4,00	4.69	19.60	21.98	23.46	-
BS20Z-../D..07.A.	7.49	4.02	4.84	19.60	4,00	4.69	21.25	23.63	25.11	-
BS20-../D..08.A.	7.85	2.52	6.14	18.46	4.57	5.37	21.06	22.87	25.30	21.06
BS20Z-../D..08.A.	7.85	5.75	6.14	21.69	4.57	5.37	24.29	26.10	28.52	24.29
BS20-../D..08.B.	9.04	2.52	6.14	19.65	4.57	5.37	22.24	24.06	26.46	22.24
BS20Z-../D..08.B.	9.04	5.75	6.14	22.87	4.57	5.37	25.47	27.28	29.69	25.47
BS20-../D..09.A.	9.86	3.09	6.93	21.04	4.94	6.18	24.70	25.28	28.80	24.70
BS20-../D..09.B.	12.15	3.09	6.93	23.33	4.94	6.18	26.99	27.54	31.09	26.99
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS20 - BS20Z

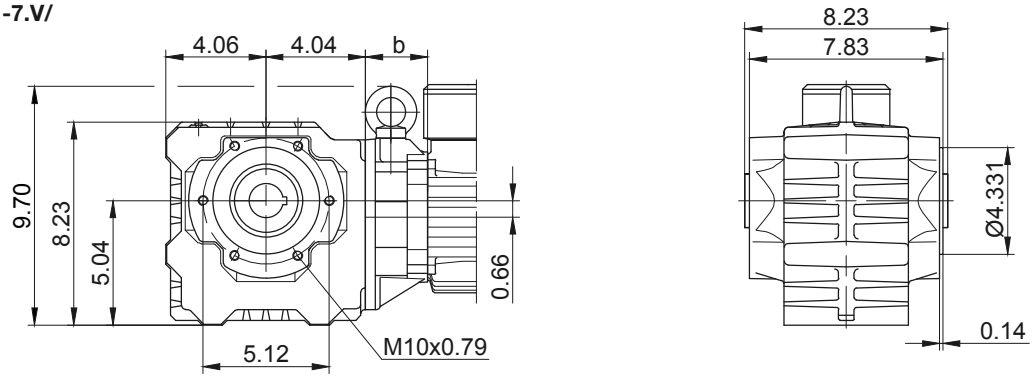
Torque arm at front

Code -5.V/



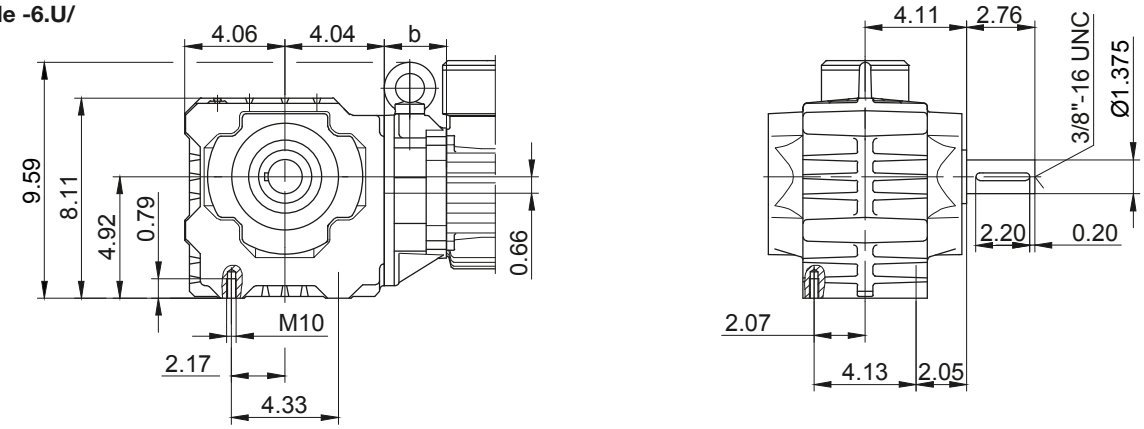
Foot with tapped holes at front

Code -7.V/



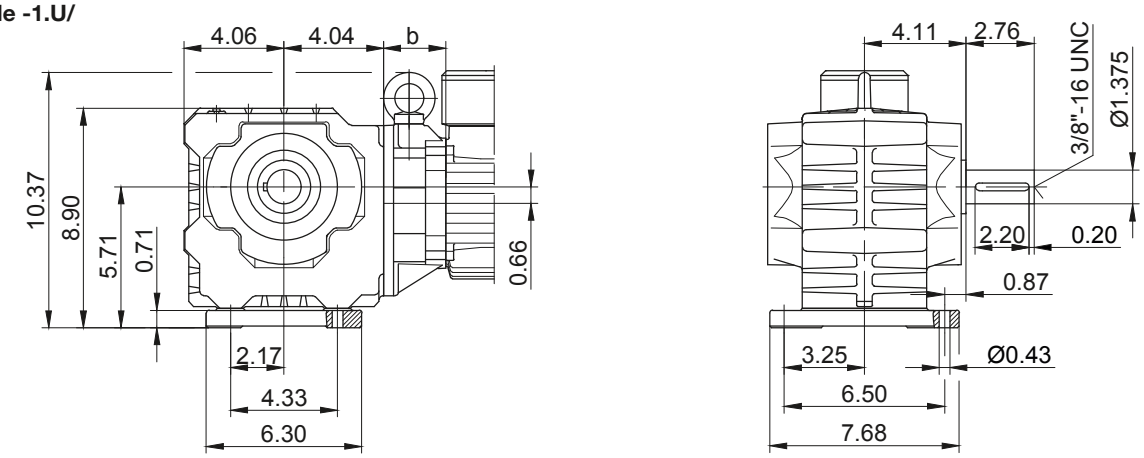
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

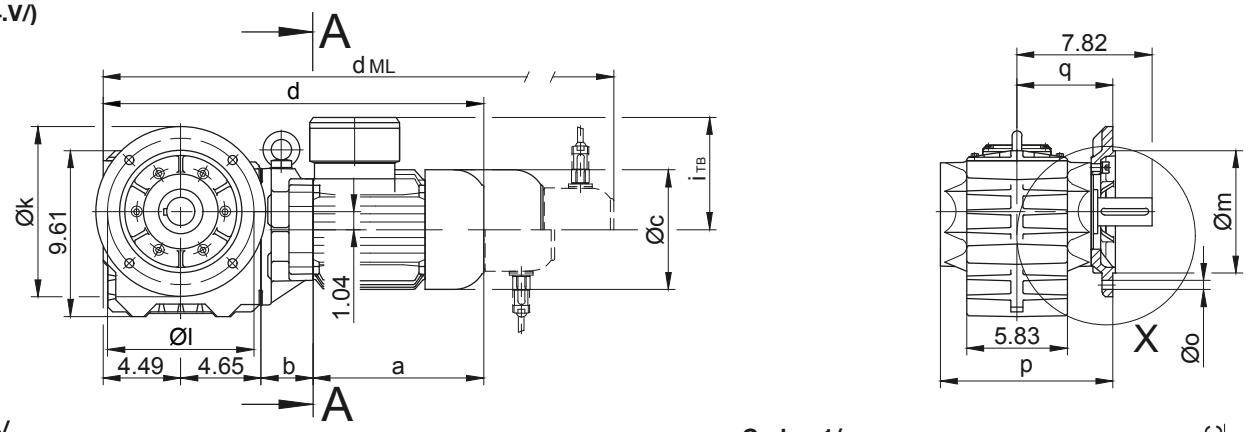
BS-series worm-geared motors

Dimension - Standard Imperial

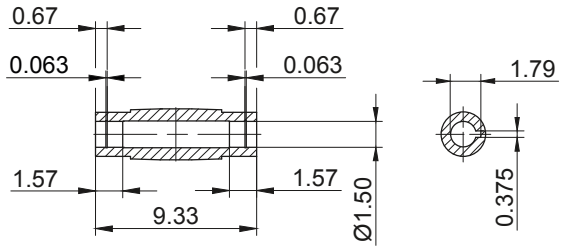
BS30 - BS30Z

Flange with clearance holes at front

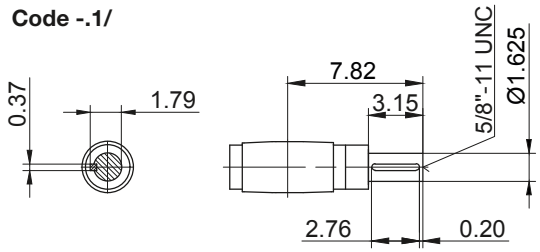
Code -3.V/
(Code -4.V/)

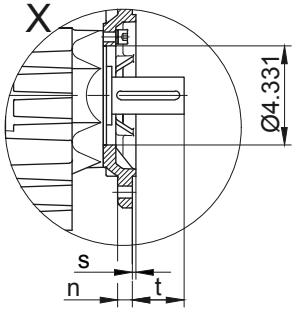


Code -.4/

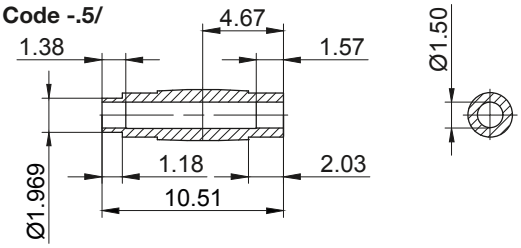


Code -.1/

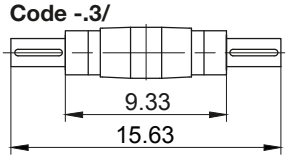


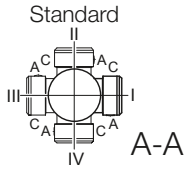


Code -.5/



Code -.3/





13

Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS30..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	9.980	5.551	0.157	2.264
BS30..	Code -4.V/	11.811	10.433	9.055	0.787	0.531	10.217	5.787	0.157	2.028
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

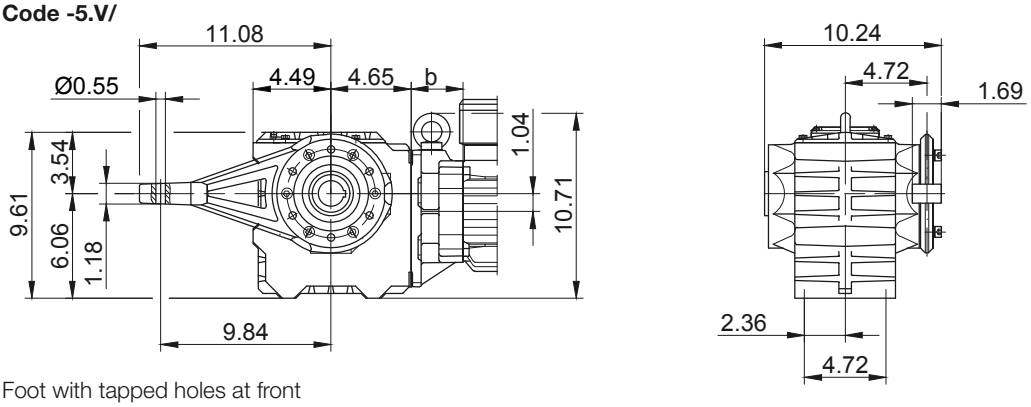
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS30-../D..05.A.	6.72	2.28	4.84	18.13	4,00	4.61	19.79	22.17	23.65	-
BS30Z-../D..05.A.	6.72	5.26	4.84	21.11	4,00	4.61	22.76	25.14	26.62	-
BS30-../D..06.A.	6.70	2.28	4.84	18.12	4,00	4.69	19.78	22.16	23.63	-
BS30Z-../D..06.A.	6.70	5.26	4.84	21.09	4,00	4.69	22.75	25.13	26.61	-
BS30-../D..07.A.	7.49	2.28	4.84	18.91	4,00	4.69	20.56	22.94	24.42	-
BS30Z-../D..07.A.	7.49	5.26	4.84	21.88	4,00	4.69	23.54	25.92	27.39	-
BS30-../D..08.A.	7.85	2.44	6.14	19.43	4.57	5.37	22.03	23.84	26.26	22.03
BS30Z-../D..08.A.	7.85	5.41	6.14	22.40	4.57	5.37	25.00	26.81	29.23	25.00
BS30-../D..08.B.	9.04	2.44	6.14	20.61	4.57	5.37	23.21	25.02	27.42	23.21
BS30Z-../D..08.B.	9.04	5.41	6.14	23.58	4.57	5.37	26.18	27.99	30.39	26.18
BS30-../D..09.A.	9.86	3.01	6.93	22.01	4.94	6.18	25.67	26.24	29.77	25.67
BS30Z-../D..09.A.	9.86	5.98	6.93	24.98	4.94	6.18	28.64	29.22	32.74	28.64
BS30-../D..09.B.	12.15	3.01	6.93	24.29	4.94	6.18	27.95	28.51	32.05	27.95
BS30Z-../D..09.B.	12.15	5.98	6.93	27.26	4.94	6.18	30.93	31.48	35.02	30.93
BS30-../D..11.A.	12.56	3.27	8.58	24.96	6.50	6.93	28.82	29.20	32.84	28.82
BS30-../D..11.B.	15.24	3.27	8.58	27.64	6.50	6.93	31.42	31.87	35.52	31.42
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS30 - BS30Z

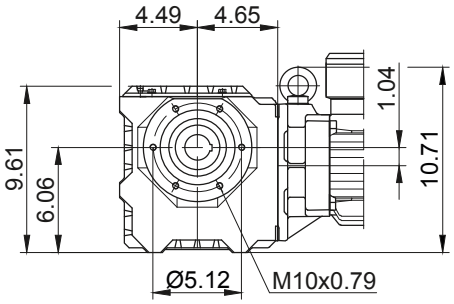
Torque arm at front

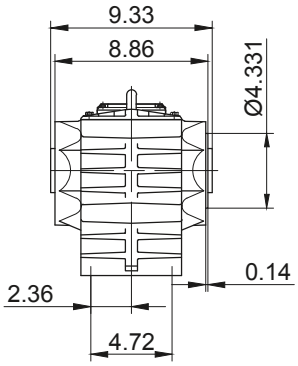
Code -5.V/



Foot with tapped holes at front

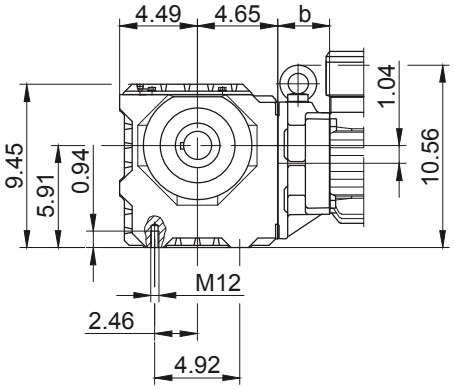
Code -7.V/

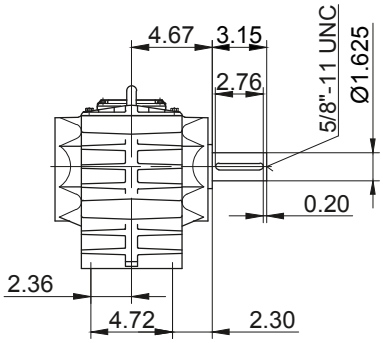




Foot with tapped holes at bottom

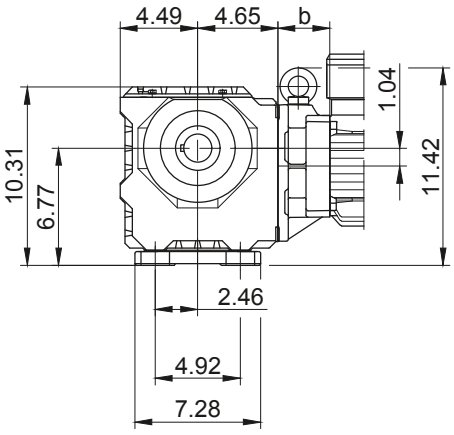
Code -6.U/

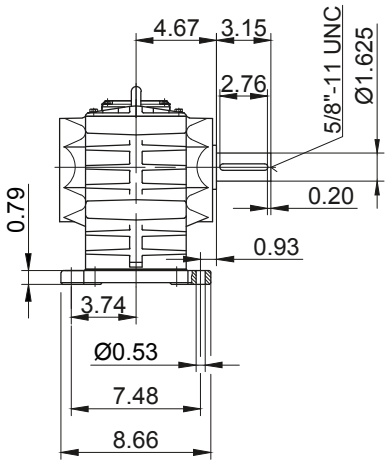




Foot with clearance holes at bottom

Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

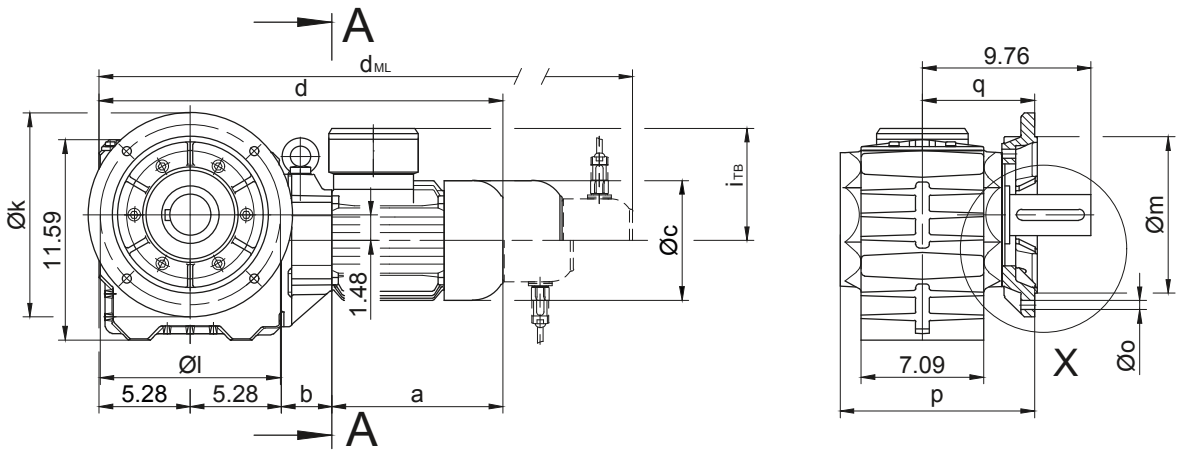
BS-series worm-geared motors

Dimension - Standard Imperial

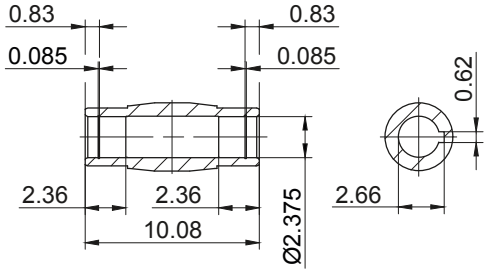
BS40 - BS40Z

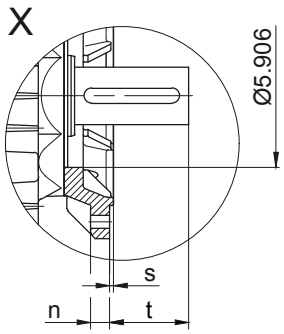
Flange with clearance holes at front

Code -3.V/

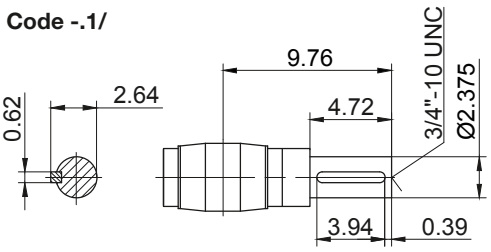


Code -.4/

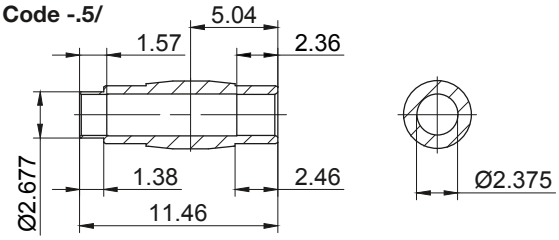


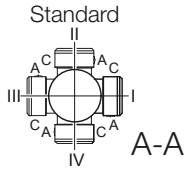


Code -.1/

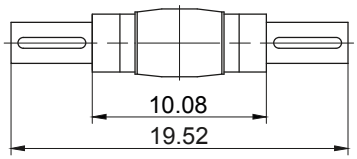


Code -.5/





Code -.3/



Flange Dimensions											Shaft extension tolerance:
Type	Design	k	l	m	n	o	p	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BS40..	Code -3.V/	11.811	10.433	9.055	0.787	0.531	11.260	6.496	0.157	3.263	over 1.5 in diameter: +0.000 / -0.001 in
Dimensions in inch											Flange spigot diameter: +0.0003 / -0.0015 in

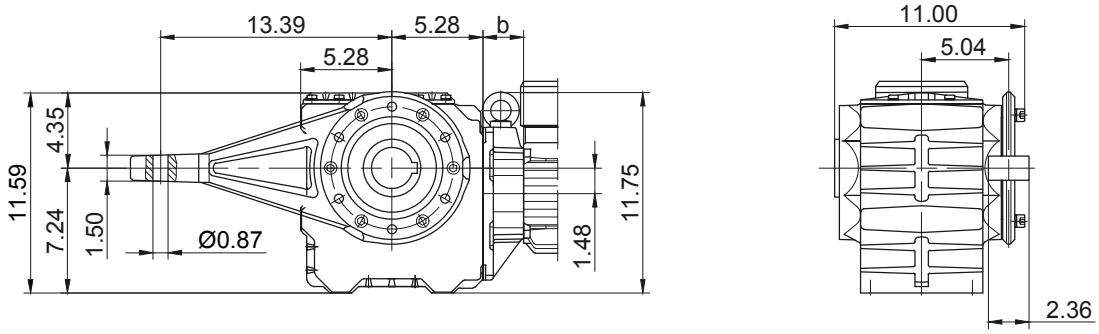
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS40Z-../D..05.A.	6.72	5.45	4.84	22.72	4,00	4.61	24.37	26.76	28.23	-
BS40Z-../D..06.A.	6.70	5.45	4.84	22.71	4,00	4.69	24.36	26.74	28.22	-
BS40Z-../D..07.A.	7.49	5.45	4.84	23.50	4,00	4.69	25.15	27.53	29.01	-
BS40-../D..08.A.	7.85	2.36	6.14	20.77	4.57	5.37	23.37	25.18	27.60	23.37
BS40Z-../D..08.A.	7.85	5.61	6.14	24.02	4.57	5.37	26.61	28.43	30.85	26.61
BS40-../D..08.B.	9.04	2.36	6.14	21.95	4.57	5.37	24.55	26.36	28.76	24.55
BS40Z-../D..08.B.	9.04	5.61	6.14	25.20	4.57	5.37	27.80	29.61	32.01	27.80
BS40-../D..09.A.	9.86	2.93	6.93	23.35	4.94	6.18	27.01	27.58	31.11	27.01
BS40Z-../D..09.A.	9.86	6.18	6.93	26.59	4.94	6.18	30.26	30.83	34.35	30.26
BS40-../D..09.B.	12.15	2.93	6.93	25.63	4.94	6.18	29.29	29.85	33.39	29.29
BS40Z-../D..09.B.	12.15	6.18	6.93	28.88	4.94	6.18	32.54	33.09	36.64	32.54
BS40-../D..11.A.	12.56	3.19	8.58	26.30	6.50	6.93	30.16	30.54	34.18	30.16
BS40-../D..11.B.	15.24	3.19	8.58	28.98	6.50	6.93	32.76	33.21	36.85	32.76
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS40 - BS40Z

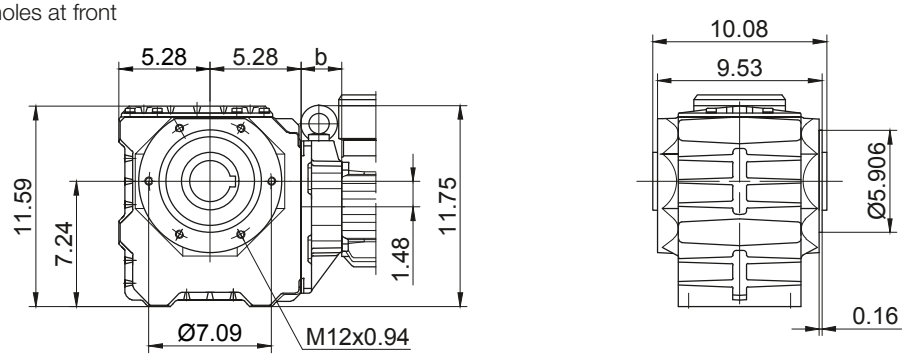
Torque arm at front

Code -5.V/



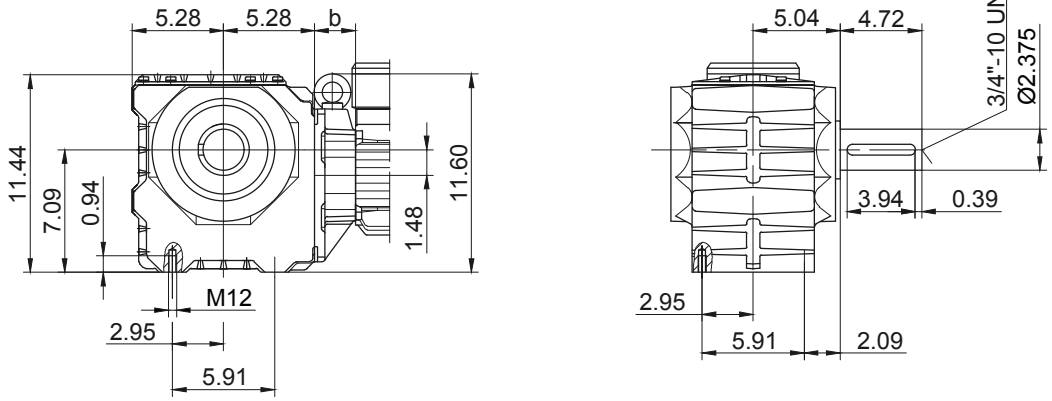
Foot with tapped holes at front

Code -7.V/



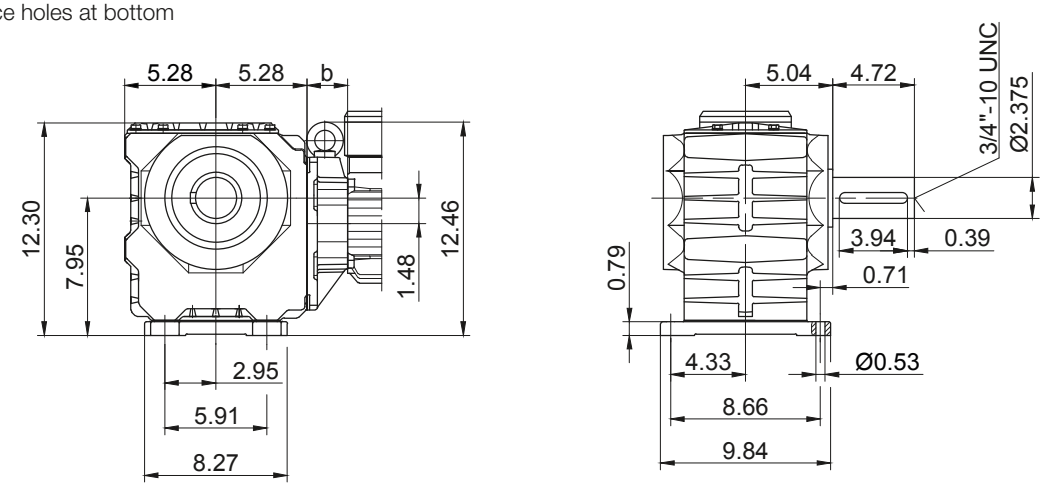
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

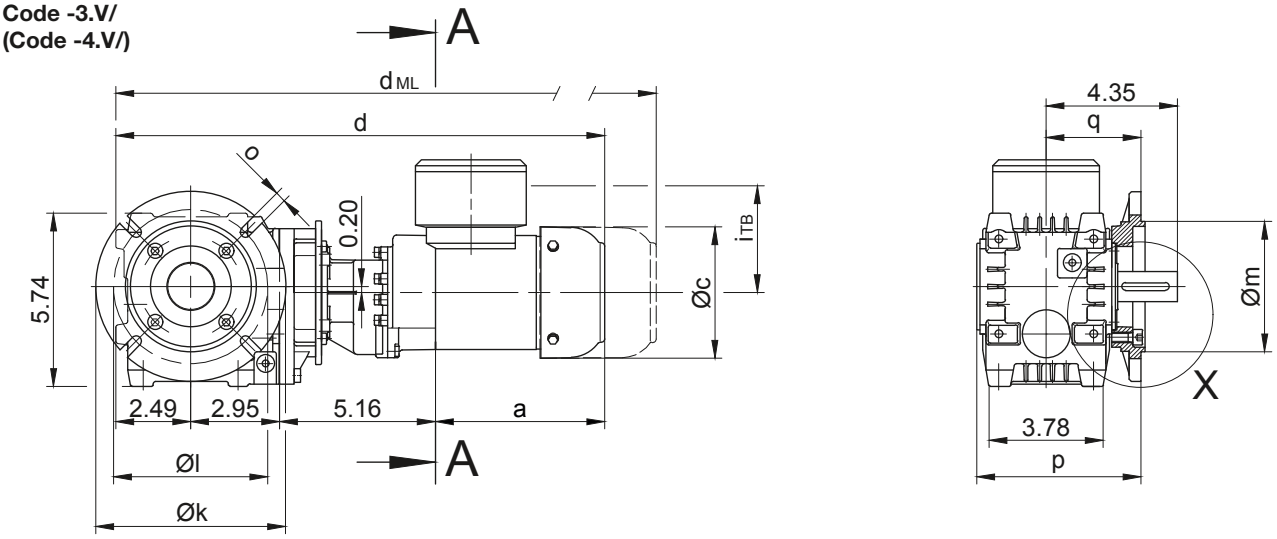
BS-series worm-geared motors

Dimension - Tandem Gearbox Imperial

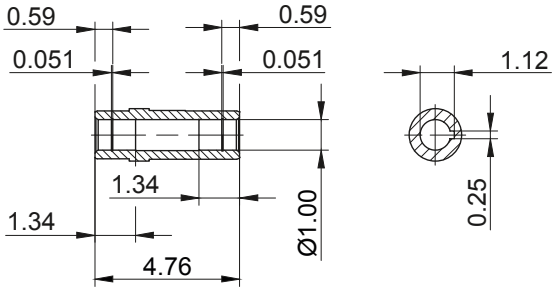
BS06G04

Flange with clearance holes at front

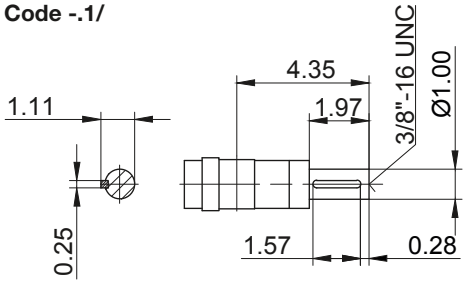
Code -3.V/
(Code -4.V/)

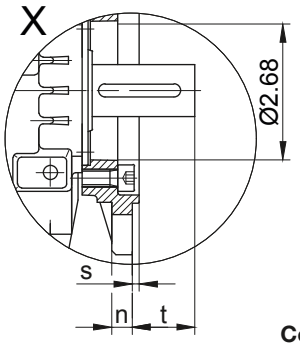


Code -.4/
Standard

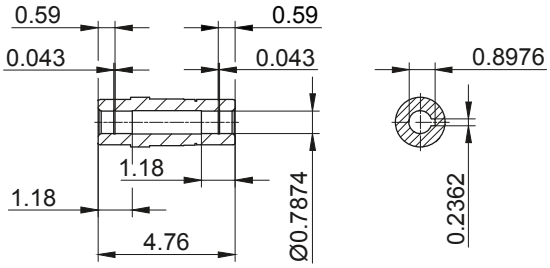


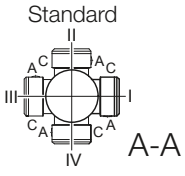
Code -.1/



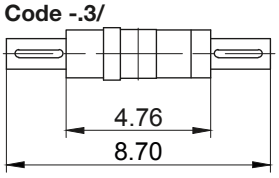


Code -.4/K20





Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS06..	Code -3.V/	5.512	4.528	3.740	0.394	0.354	5.445	3.150	0.118	1.201
BS06..	Code -4.V/	6.299	5.118	4.331	0.394	0.354	5.445	3.150	0.138	1.201
Dimensions in inch										

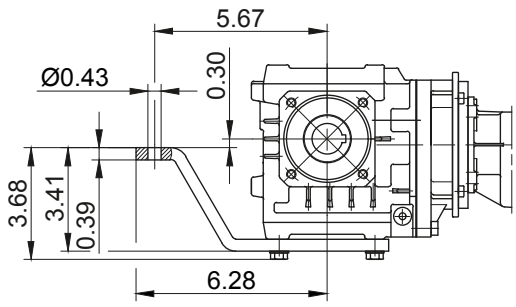
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

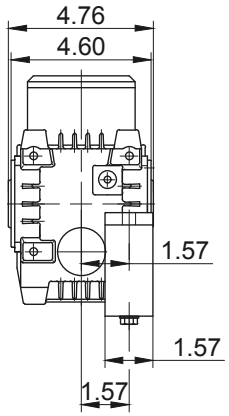
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS06G04-../D04.A.	5.61	5.16	4.35	16.20	3.54	4.41	17.91	19.64	21.35	-
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

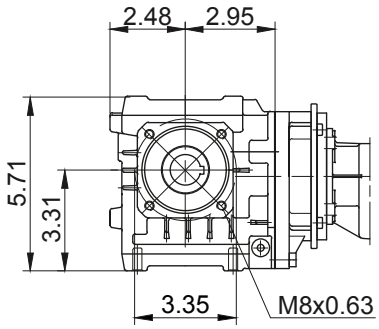
BS06G04

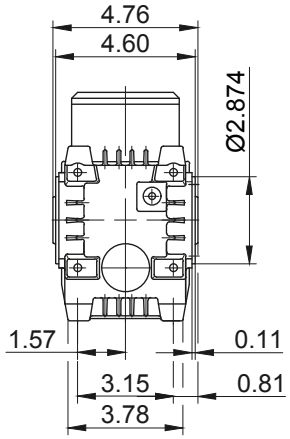
Torque arm at front
Code -5.V/



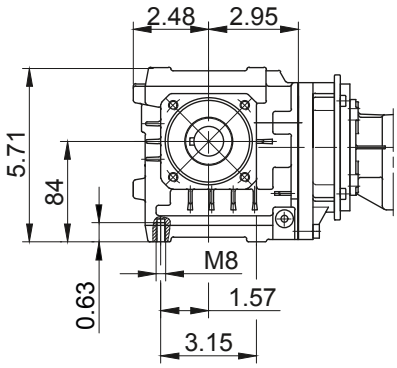


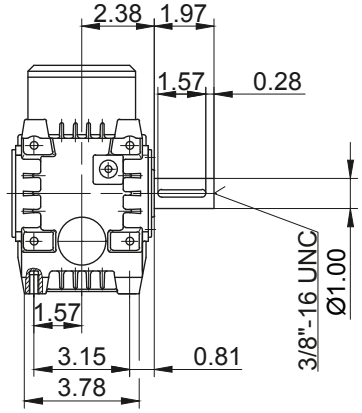
Flange with tapped holes at front
Code -7.V/



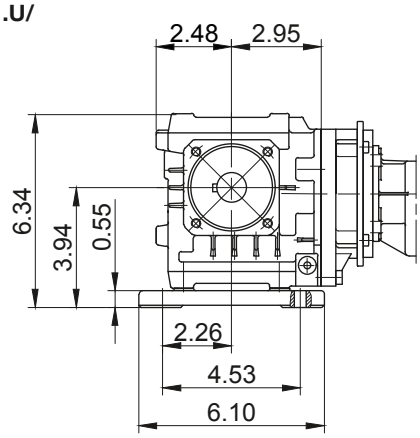


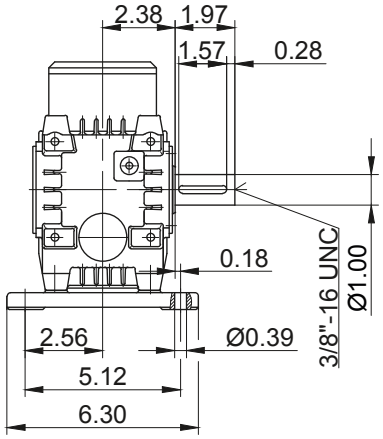
Foot with tapped holes at bottom
Code -6.U/





Foot with clearance holes at bottom
Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

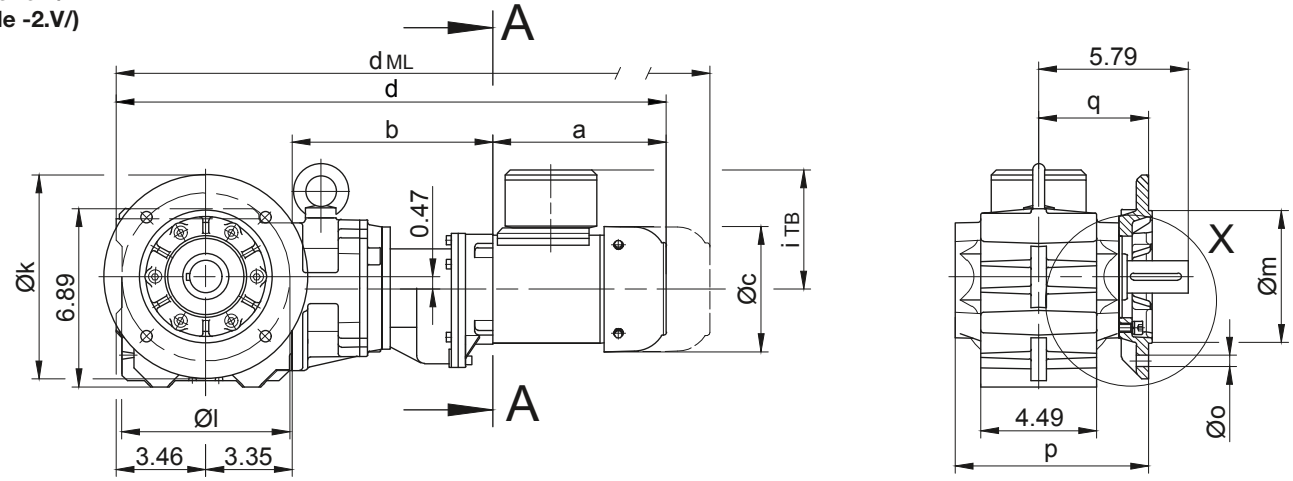
BS-series worm-geared motors

Dimension - Tandem Gearbox Imperial

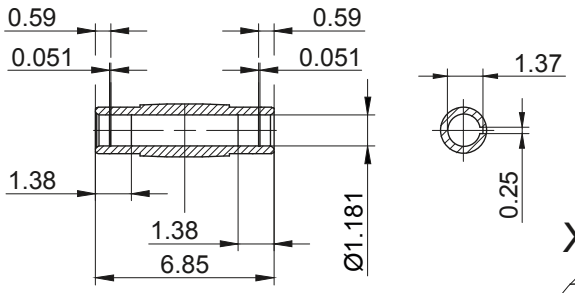
BS10G06

Flange with clearance holes at front

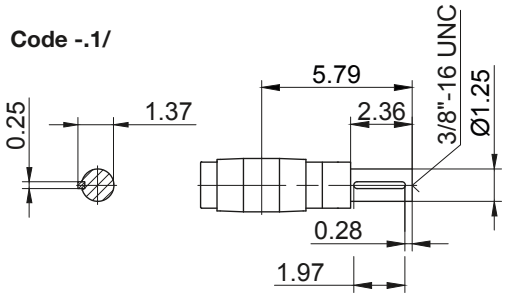
Code -3.V/
(Code -2.V/)

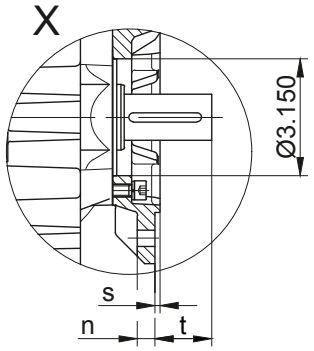


Code -.4/

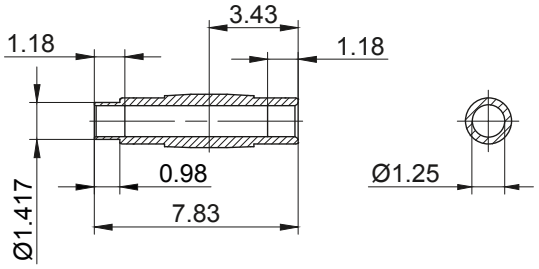


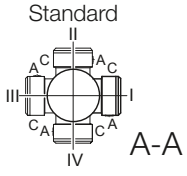
Code -.1/



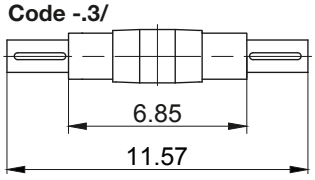


Code -.5/





Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS10..	Code -3.V/	7.874	6.496	5.118	0.472	0.433	7.480	4.252	0.138	1.533
BS10..	Code -2.V/	6.299	5.118	4.331	0.394	0.354	7.205	3.976	0.138	1.809
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

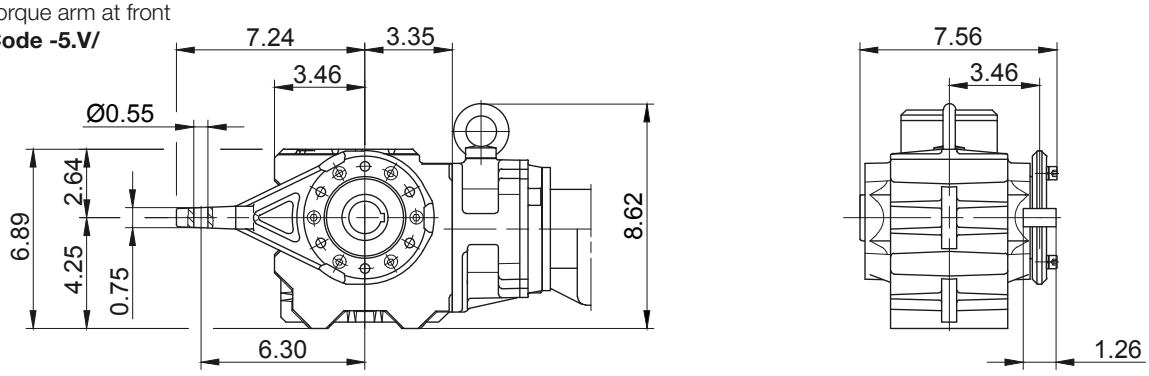
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS10G06-../D04.A.	5.61	7.68	4.35	20.10	3.54	4.41	21.81	23.54	25.25	-
BS10G06-../D..05.A.	6.72	7.76	4.84	21.28	4,00	4.61	22.94	25.32	26.80	-
BS10G06-../D..06.A.	6.70	7.76	4.84	21.27	4,00	4.69	22.93	25.31	26.78	-
BS10G06-../D..07.A.	7.49	7.76	4.84	22.06	4,00	4.69	23.71	26.09	27.57	-
BS10G06-../D..08.A.	7.85	9.49	6.14	24.15	4.57	5.37	26.75	28.56	30.98	26.75
BS10G06-../D..08.B.	9.04	9.49	6.14	25.33	4.57	5.37	27.93	29.74	32.15	27.93
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS10G06

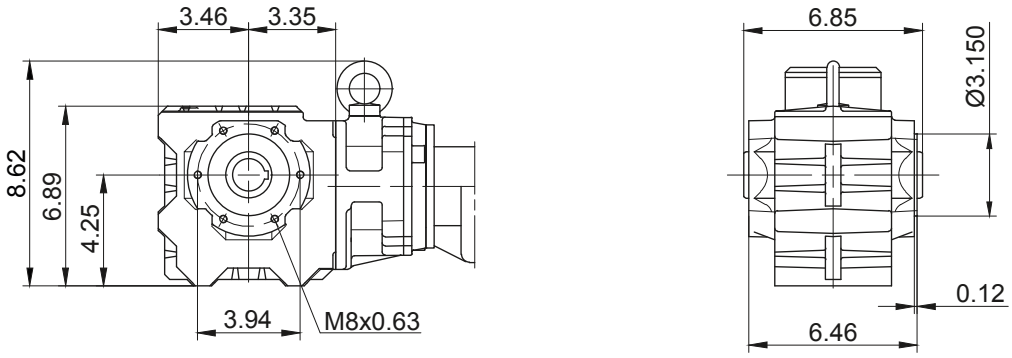
Torque arm at front

Code -5.V/



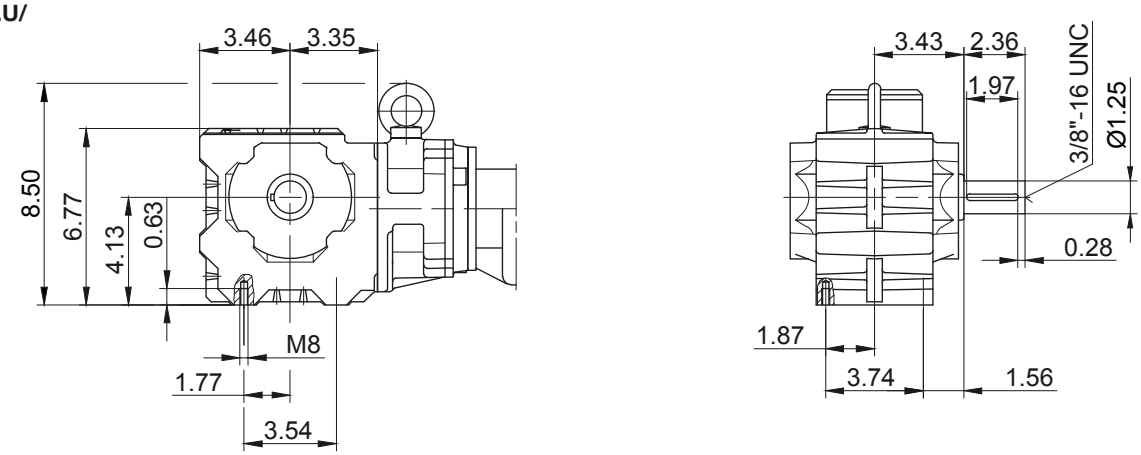
Flange with tapped holes at front

Code -7.V/



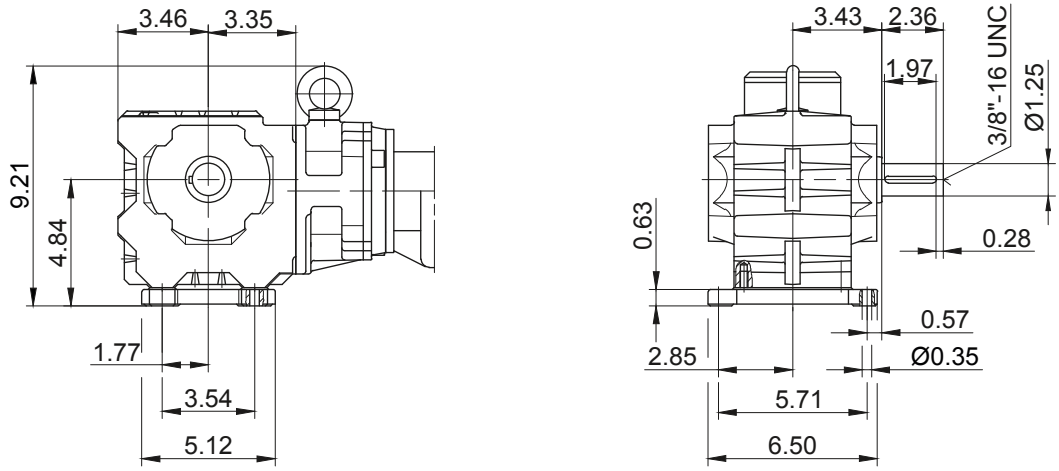
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

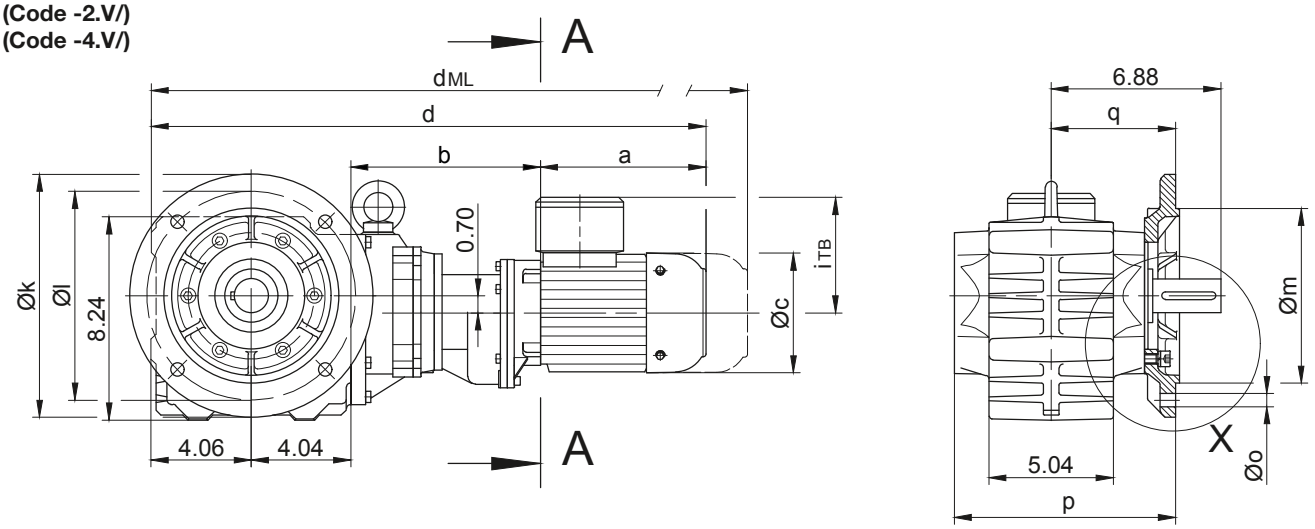
BS-series worm-geared motors

Dimension - Tandem Gearbox Imperial

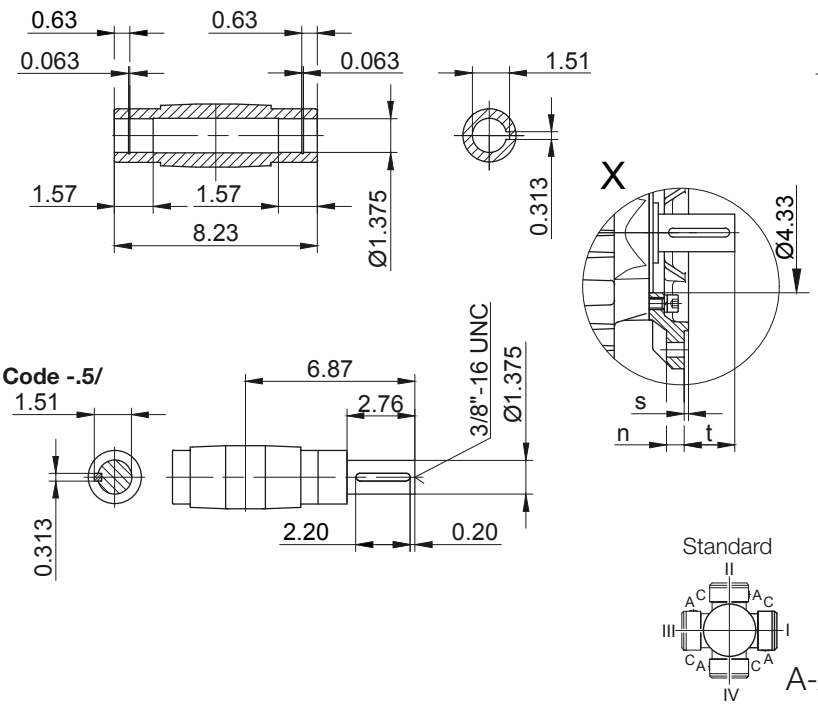
BS20G06

Flange with clearance holes at front

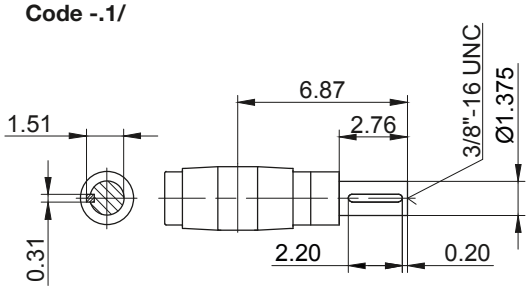
Code -3.V/
(Code -2.V/)
(Code -4.V/)



Code -.4/

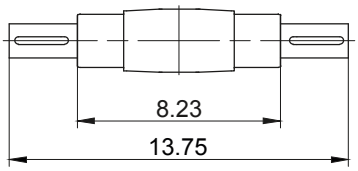


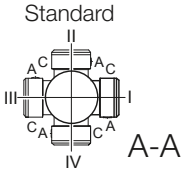
Code -.1/



Code -.5/

Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS20..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	8.957	5.039	0.157	1.835
BS20..	Code -2.V/	7.874	6.496	5.118	0.472	0.433	8.839	4.921	0.138	1.953
BS20..	Code -4.V/	11.811	10.433	9.055	0.787	0.531	9.193	5.276	0.157	1.599
Dimensions in inch										

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

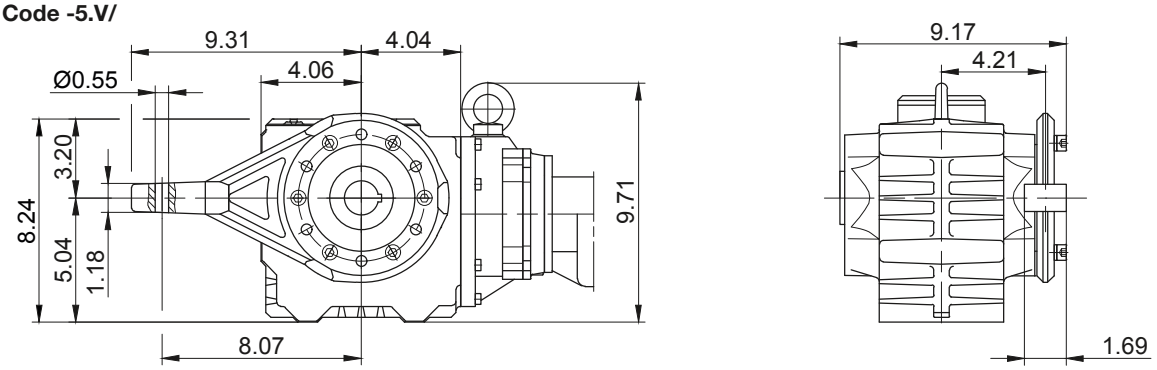
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS20G06-../D04.A.	5.61	7.60	4.35	21.30	3.54	4.41	23.01	24.74	26.45	-
BS20G06-../D..05.A.	6.72	7.68	4.84	22.48	4,00	4.61	24.14	26.52	28.00	-
BS20G06-../D..06.A.	6.70	7.68	4.84	22.47	4,00	4.69	24.13	26.51	27.98	-
BS20G06-../D..07.A.	7.49	7.68	4.84	23.26	4,00	4.69	24.91	27.30	28.77	-
BS20G06-../D..08.A.	7.85	9.41	6.14	25.35	4.57	5.37	27.95	29.76	32.19	27.95
BS20G06-../D..08.B.	9.04	9.41	6.14	26.54	4.57	5.37	29.13	30.94	33.35	29.13
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS20G06

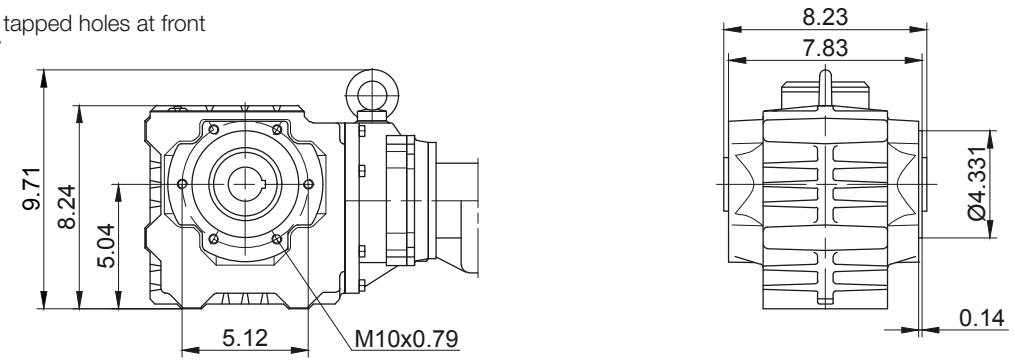
Torque arm at front

Code -5.V/



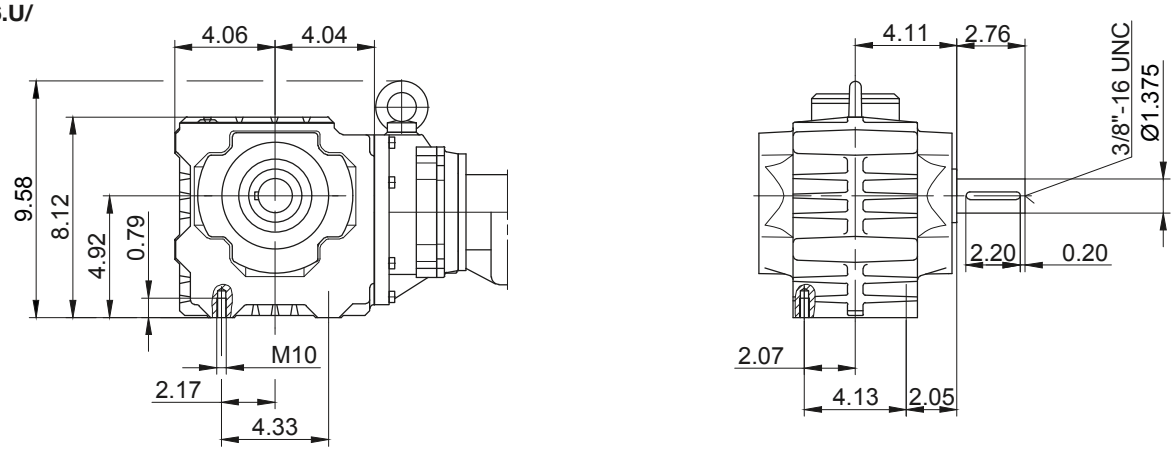
Flange with tapped holes at front

Code -7.V/



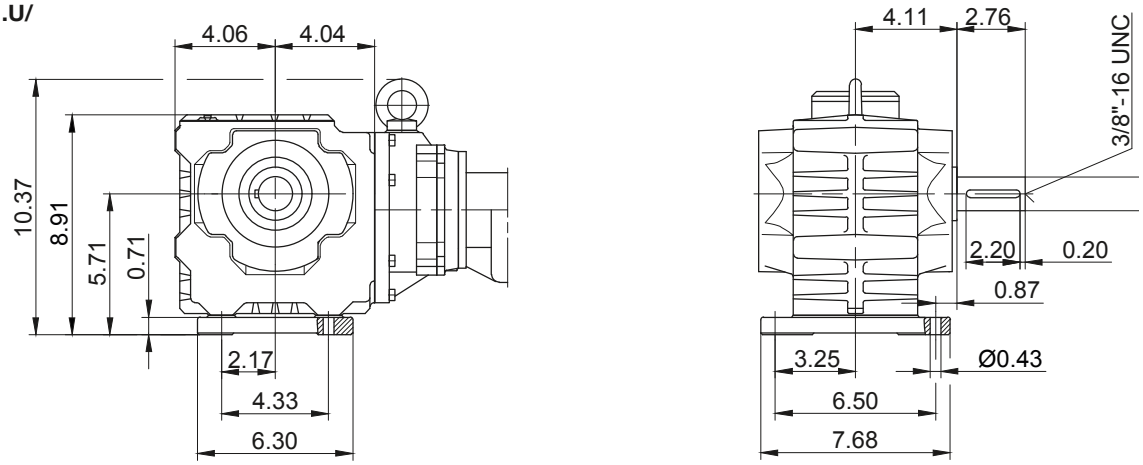
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

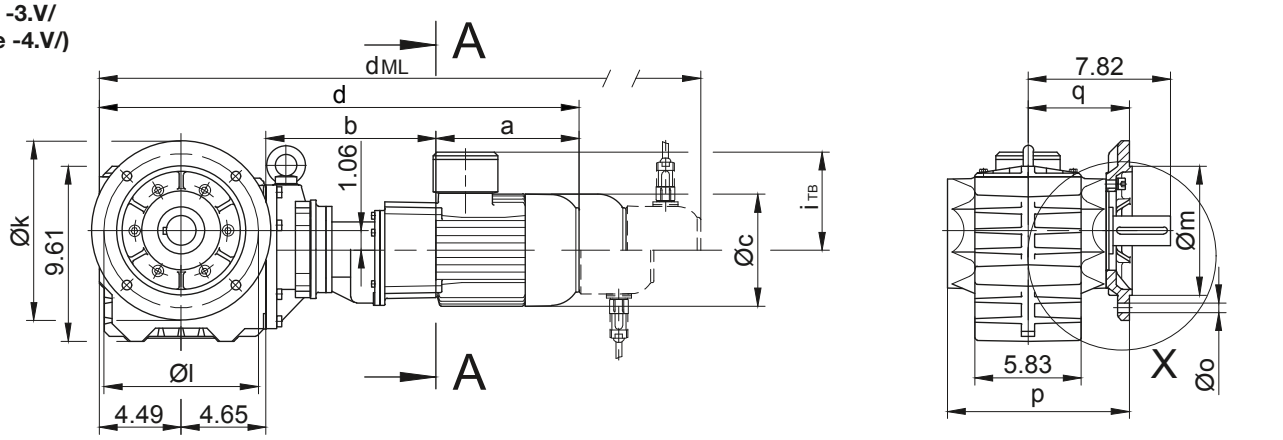
BS-series worm-geared motors

Dimension - Tandem Gearbox Imperial

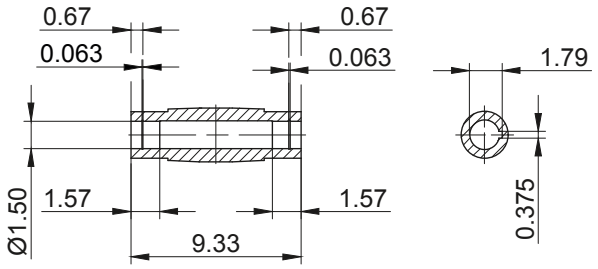
BS30G06

Flange with clearance holes at front

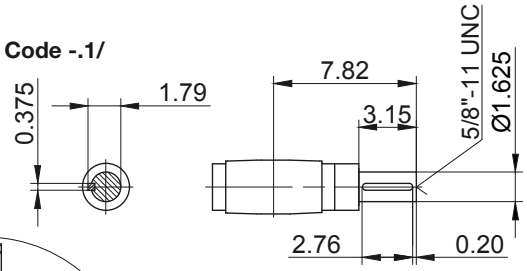
Code -3.V/
(Code -4.V/)

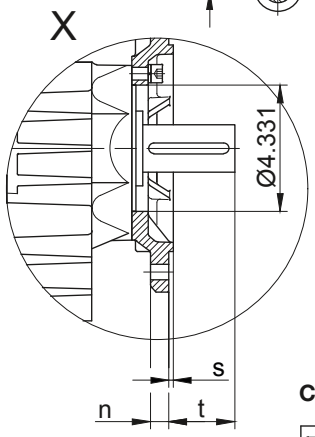


Code -.4/

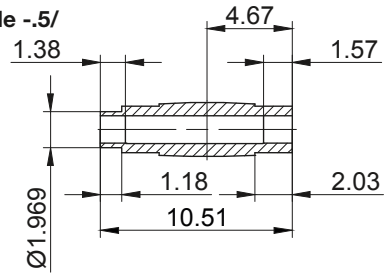


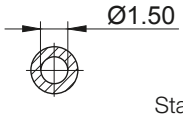
Code -.1/

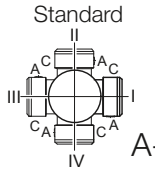




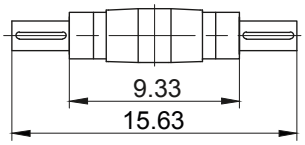
Code -.5/







Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS30..	Code -3.V/	9.843	8.465	7.087	0.630	0.531	9.980	5.551	0.157	2.264
BS30..	Code -4.V/	11.811	10.433	9.055	0.787	0.531	10.217	5.787	0.157	2.028
Dimensions in inch										

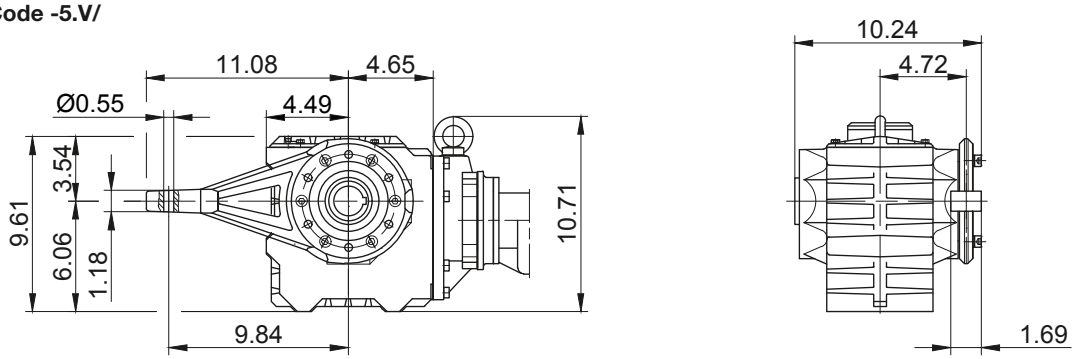
Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS30G06-../D04.A.	5.61	7.52	4.35	22.26	3.54	4.41	23.98	25.70	27.42	-
BS30G06-../D..05.A.	6.72	7.60	4.84	23.45	4,00	4.61	25.10	27.48	28.96	-
BS30G06-../D..06.A.	6.70	7.60	4.84	23.44	4,00	4.69	25.09	27.47	28.95	-
BS30G06-../D..07.A.	7.49	7.60	4.84	24.22	4,00	4.69	25.88	28.26	29.74	-
BS30G06-../D..08.A.	7.85	9.33	6.14	26.32	4.57	5.37	28.92	30.73	33.15	28.92
BS30G06-../D..08.B.	9.04	9.33	6.14	27.50	4.57	5.37	30.10	31.91	34.31	30.10
Dimensions in inch										

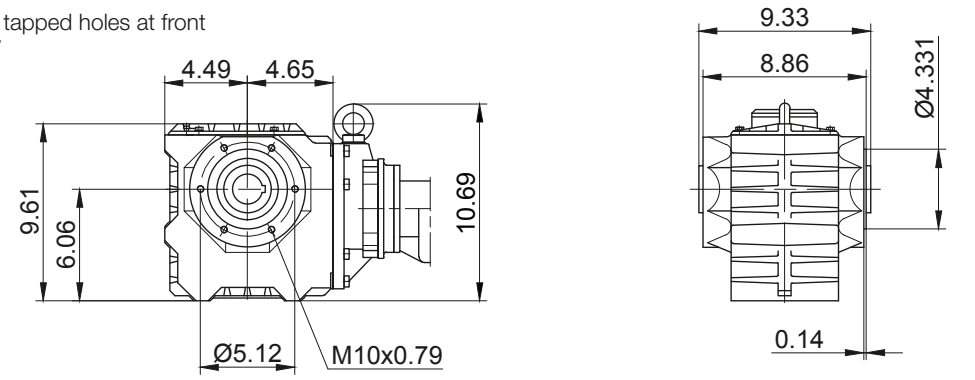
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS30G06

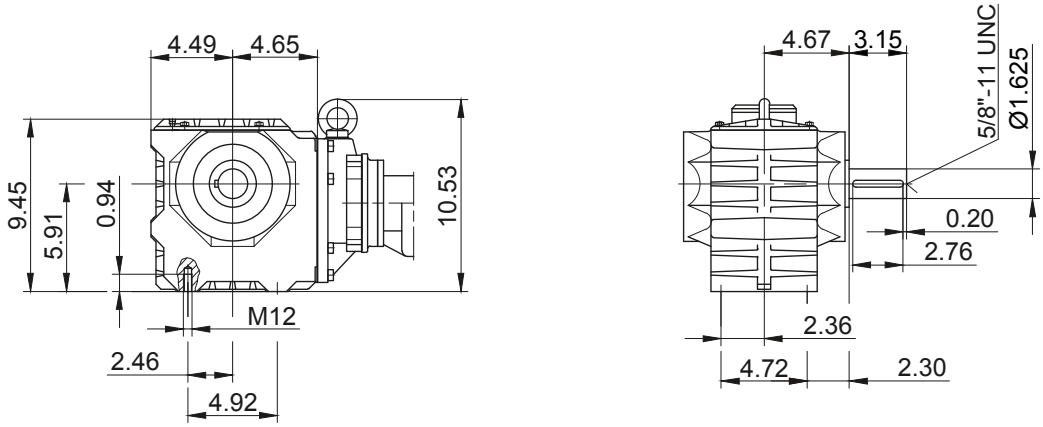
Torque arm at front
Code -5.V/



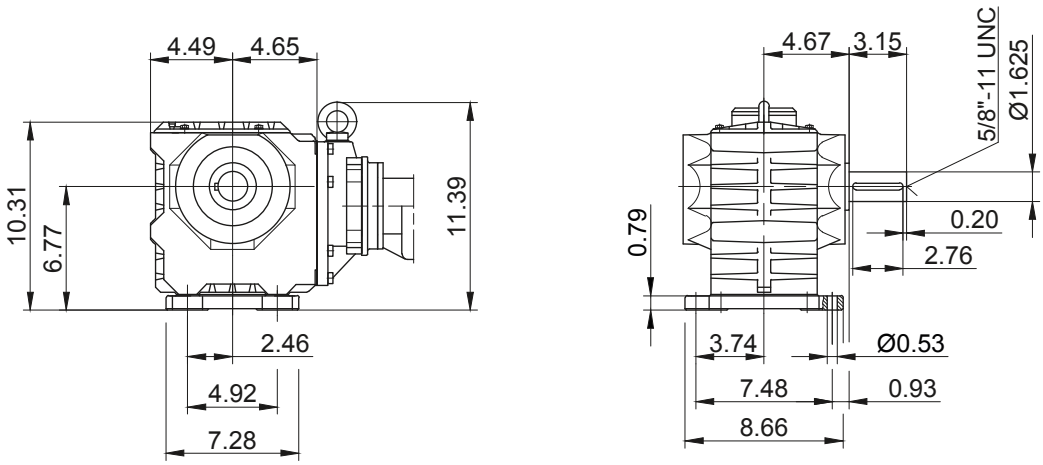
Flange with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

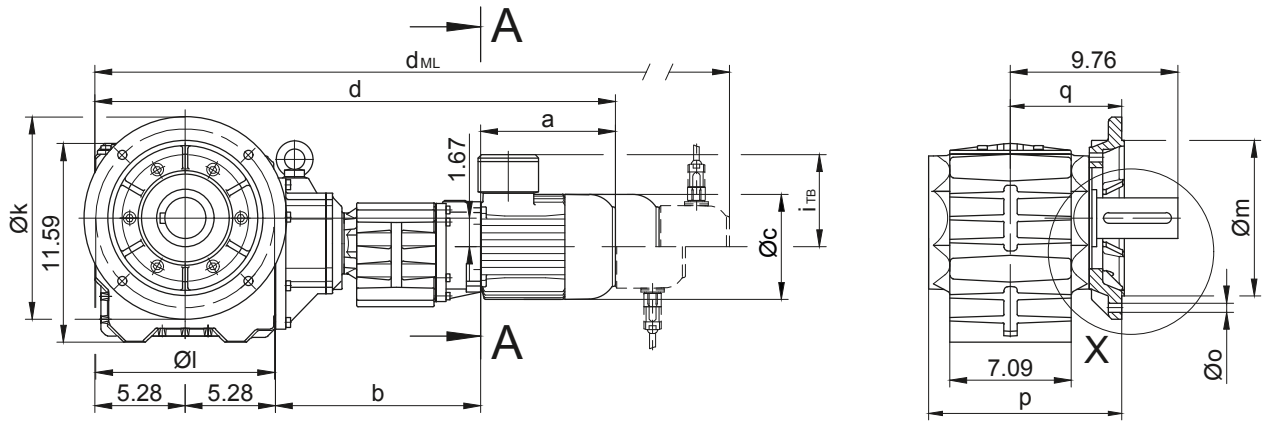
BS-series worm-geared motors

Dimension - Tandem Gearbox Imperial

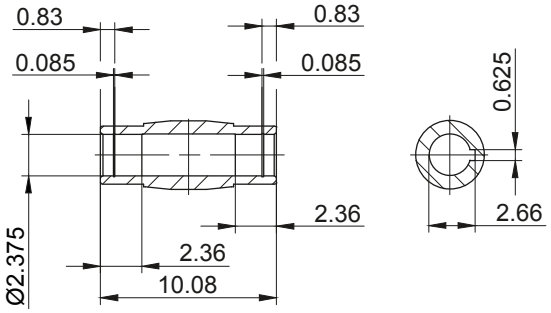
BS40G10

Flange with clearance holes at front

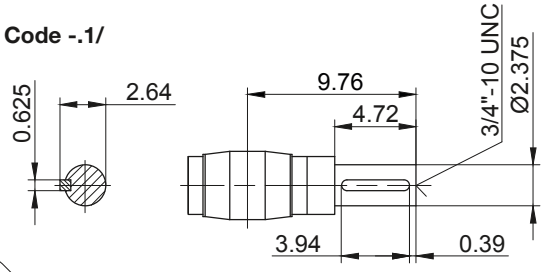
Code -3.V/

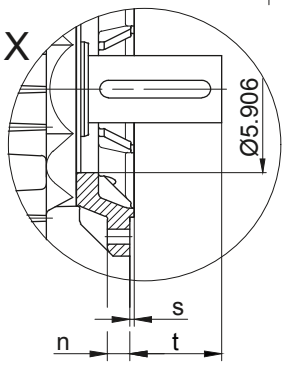


Code -.4/

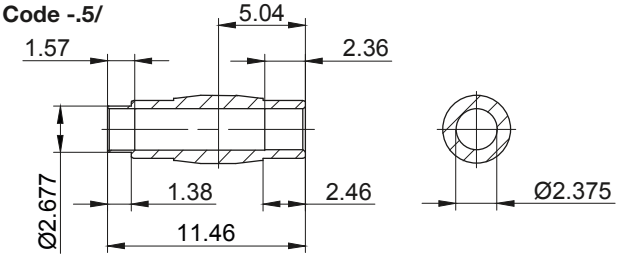


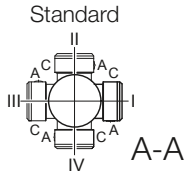
Code -.1/



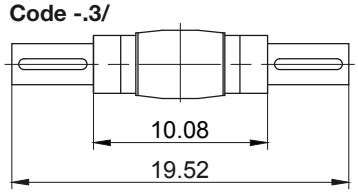


Code -.5/





Code -.3/



Flange Dimensions											Shaft extension tolerance:
Type	Design	k	l	m	n	o	p	q	s	t	up to 1.5 in diameter: +0.000 / -0.0005 in
BS40..	Code -3.V/	11.811	10.433	9.055	0.787	0.531	11.260	6.496	0.157	3.263	over 1.5 in diameter: +0.000 / -0.001 in
Dimensions in inch											Flange spigot diameter: +0.0003 / -0.0015 in

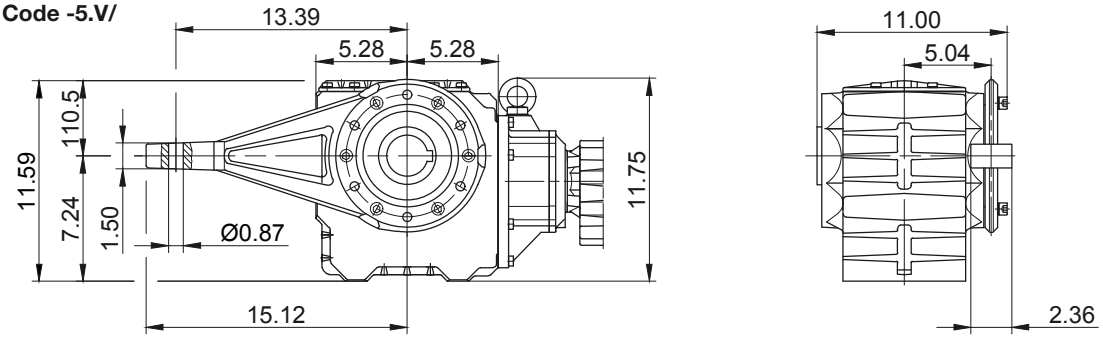
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS40G10-../D..05.A.	6.72	11.81	4.84	29.08	4,00	4.61	30.73	33.11	34.59	-
BS40G10-../D..06.A.	6.70	11.81	4.84	29.07	4,00	4.69	30.72	33.10	34.58	-
BS40G10-../D..07.A.	7.49	11.81	4.84	29.85	4,00	4.69	31.51	33.89	35.37	-
BS40G10-../D..08.A.	7.85	11.97	6.14	30.37	4.57	5.37	32.97	34.78	37.20	32.97
BS40G10-../D..08.B.	9.04	11.97	6.14	31.56	4.57	5.37	34.15	35.96	38.37	34.15
BS40G10-../D..09.A.	9.86	12.54	6.93	32.95	4.94	6.18	36.61	37.19	40.71	36.61
BS40G10-../D..09.B.	12.15	12.54	6.93	35.24	4.94	6.18	38.90	39.45	43.00	38.90
Dimensions in inch										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS40G10

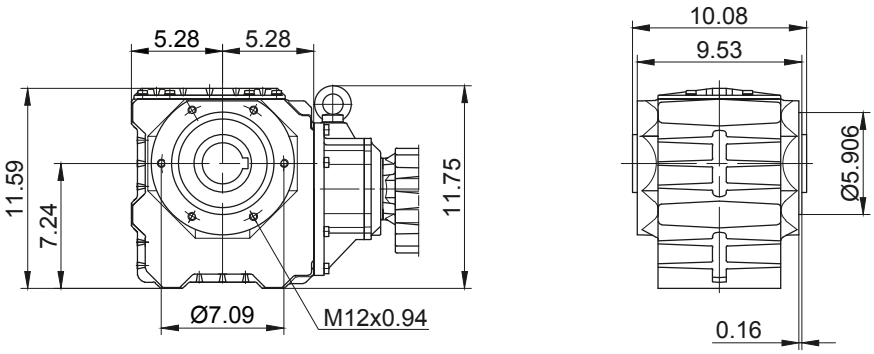
Torque arm at front

Code -5.V/



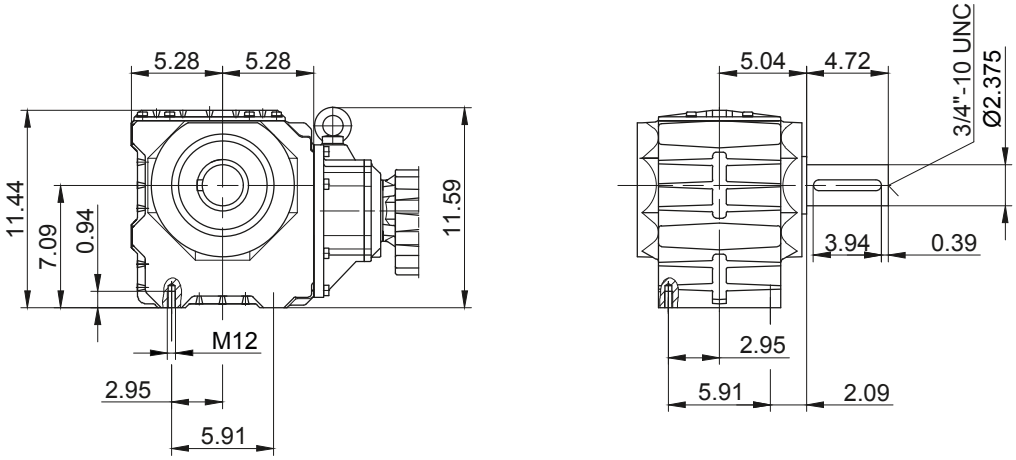
Flange with tapped holes at front

Code -7.V/



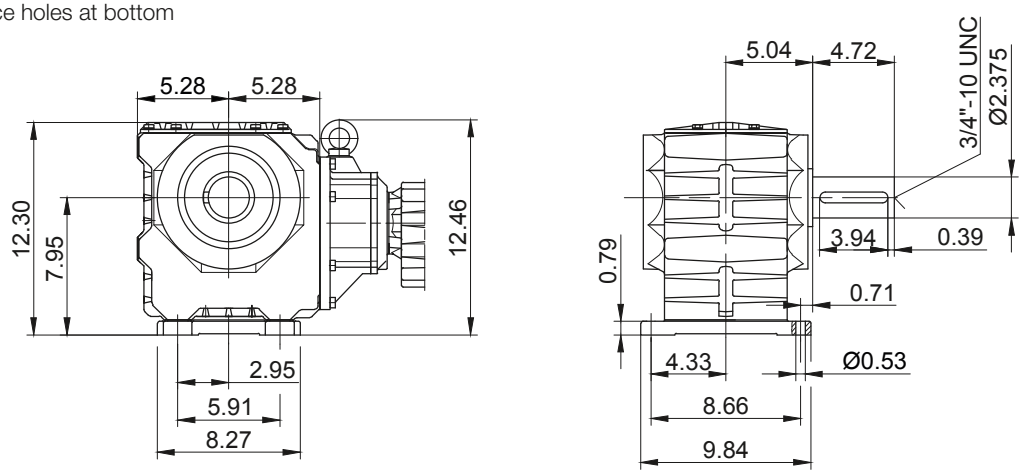
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



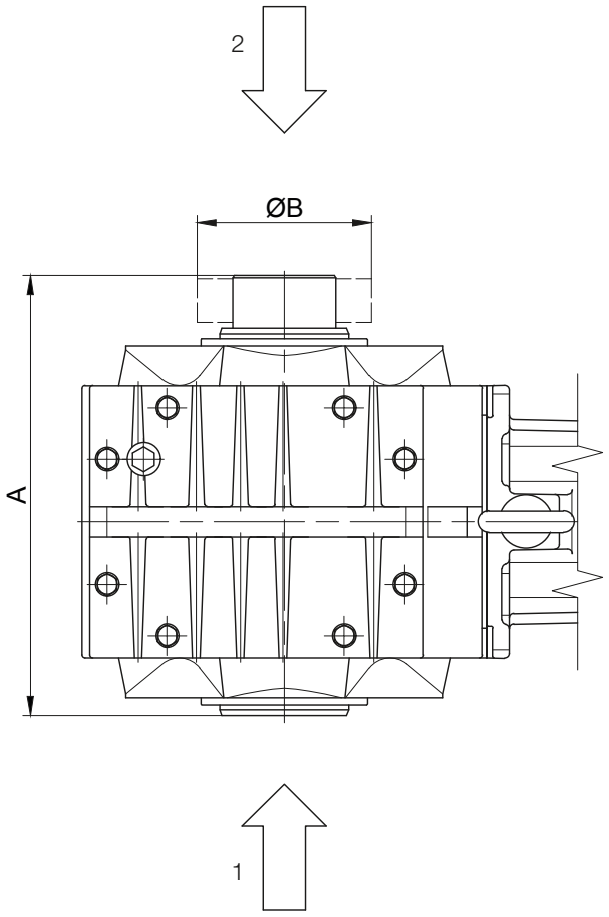
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS-series worm-geared motors

Additional Dimension Sheet Imperial

Shrink disc couplings (SSV)

(Code BS10Z-.5A/...)
(Code BK10Z-.5A/...)



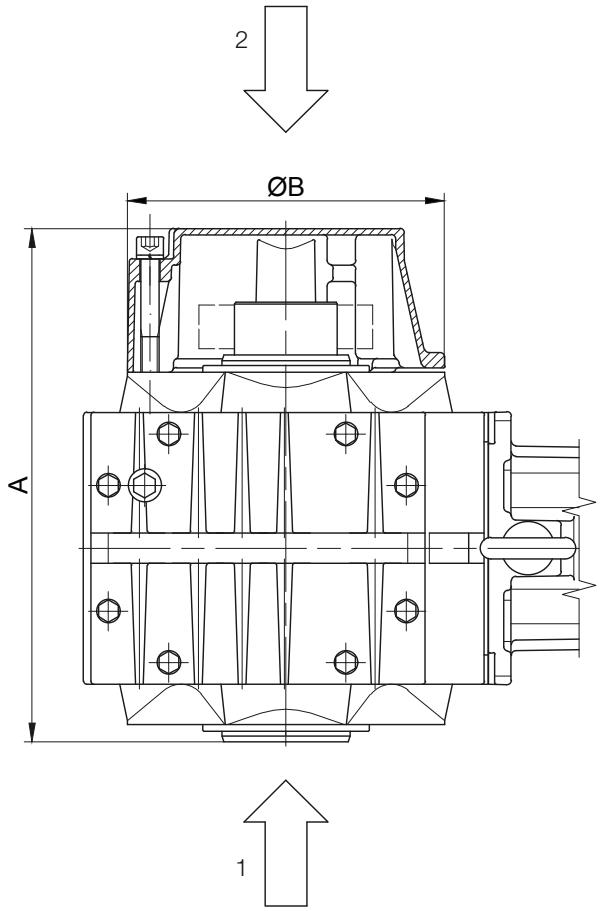
1 Gear side FRONT (V)
2 Gear side REAR (H)

Typ	SSV Ringfeder	SSV STÜWE	A	B
BS10	RfN 4161 036x072	HSD 36-22x36	7.83	2.83
BS20	RfN 4161 044x080	HSD 44-22x44	9.41	3.15
BS30	RfN 4161 050x090	HSD 50-22x50	10.51	3.54
BS40	RfN 4161 062x110	HSD 68-22x68	11.46	4.53
Dimensions in inch				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shrink disc couplings with (SSV) cover

(Code BS10-.5A/...)
(Code BS10Z-.5A/...)



1 Gear side FRONT (V)
2 Gear side REAR (H)

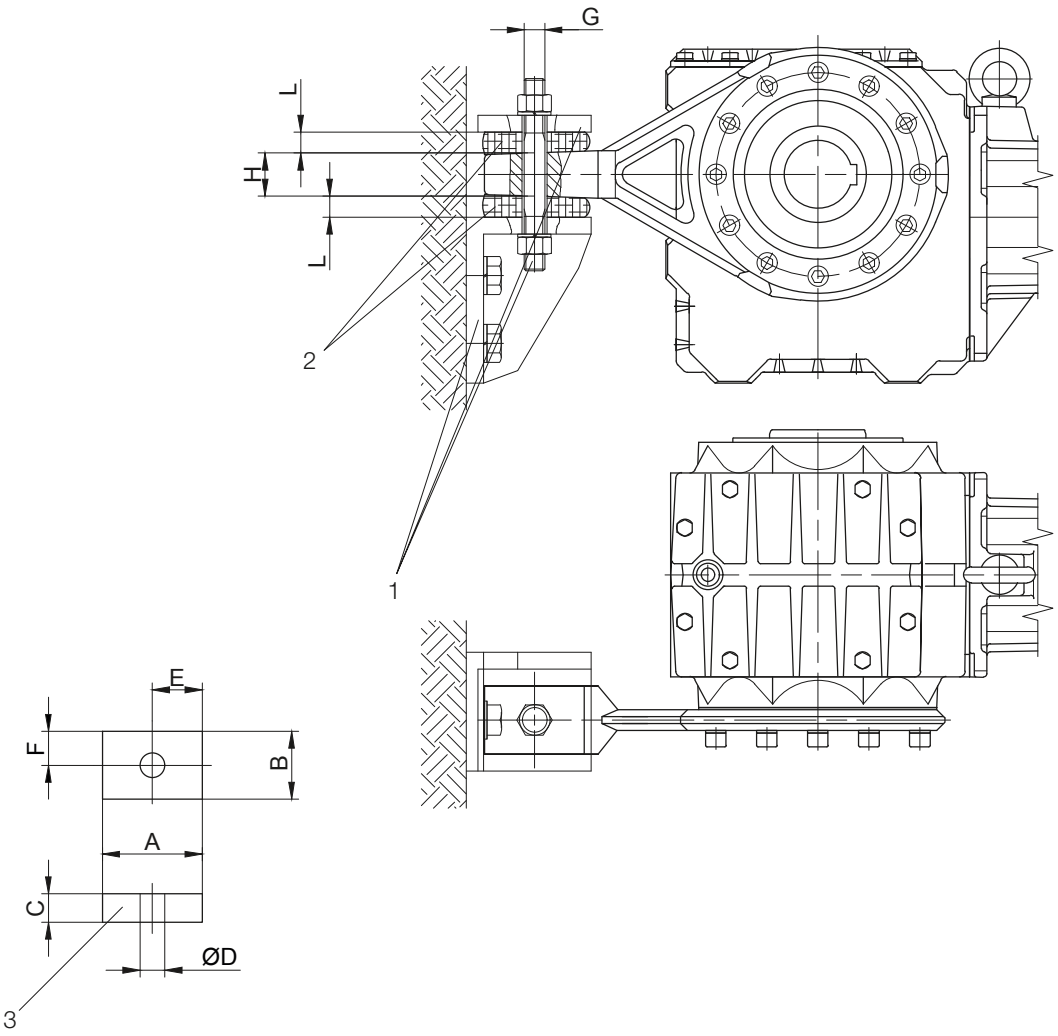
Typ	SSV Ringfeder	SSV STÜWE	A	B
BS10	RfN 4161 036x072	HSD 36-22x36	8.70	4.72
BS20	RfN 4161 044x080	HSD 44-22x44	11.26	6.30
BS30	RfN 4161 050x090	HSD 50-22x50	12.32	6.30
BS40	RfN 4161 062x110	HSD 68-22x68	13.39	8.27
Dimensions in inch				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS-series worm-geared motors

Additional Dimension Sheet Imperial

Rubber buffer for torque restraint



1 not included in delivery
2 Rubber buffers pretensioned
3 Rubber buffer - only for BS03-BS40
G maximaler Schraubendurchmesser

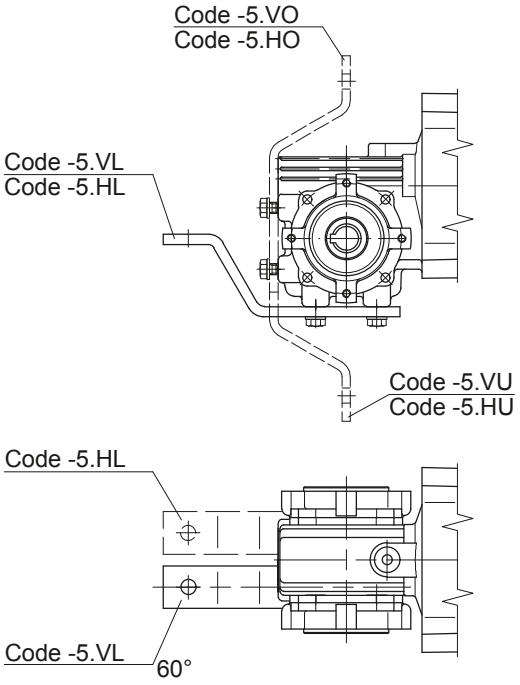
Material: Natural rubber Hardness 50 +/-5 Shore A
Dimensions of the transverse hole: See dimensioned sketch of the respective shaft mounted gearbox

Gear	Position	A	B	C	D	E	F	G	H	L
BS02	-	-	-	-	-	-	-	M8	0.24	-
BS03	0	1.18	1.18	0.47	0.47	0.59	0.59	M8	0.39	0.41
BS04	0	1.18	1.18	0.47	0.47	0.59	0.59	M8	0.39	0.41
BS06	0	1.18	1.18	0.47	0.47	0.59	0.59	M10	0.39	0.39
BS10	1	1.89	1.26	0.59	0.55	0.94	0.63	M10	0.75	0.51
BS20	2	2.48	1.69	0.79	0.55	1.24	0.85	M10	1.18	0.69
BS30	2	2.48	1.69	0.79	0.55	1.24	0.85	M10	1.18	0.67
BS40	3	3.46	2.36	0.98	0.87	1.73	1.18	M18	1.50	0.87
Dimensions in inch										

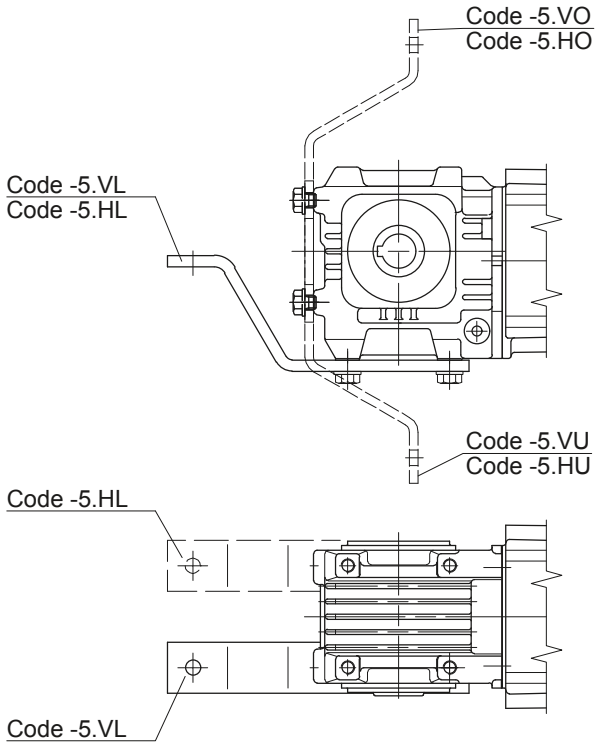
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Position of the torque arm

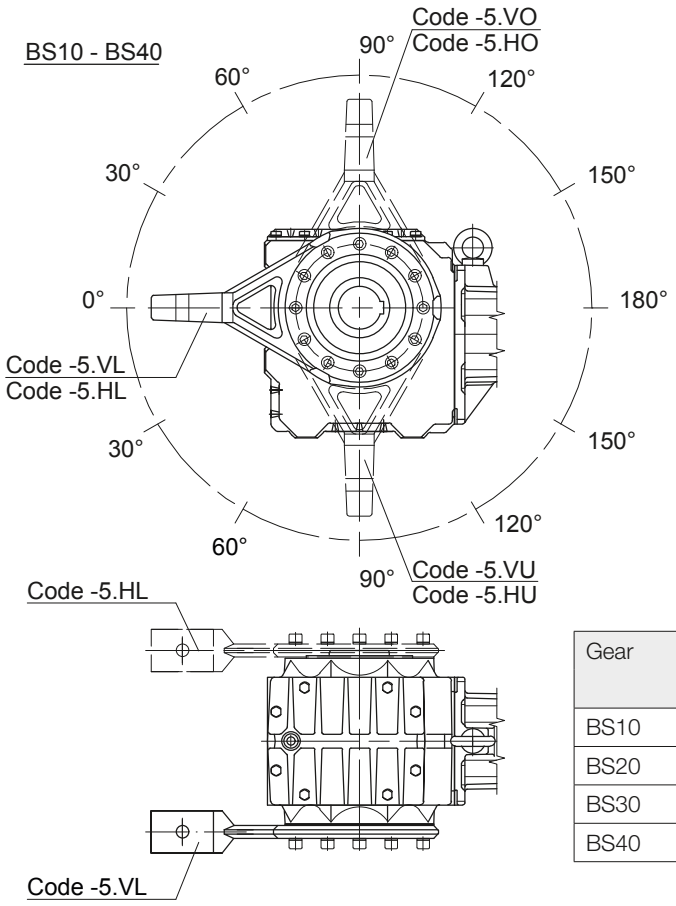
BS02 / BS03



BS04 / BS06



BS10 - BS40



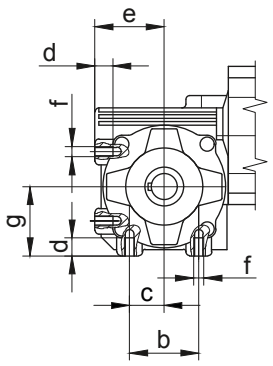
Gear	Position						
	VL/HL	VO/HO/VU/HU					VR/HR
BS10	0°	30°	60°	90°	120°	150°	-
BS20	0°	30°	60°	90°	120°	150°	-
BS30	0°	30°	60°	90°	120°	150°	-
BS40	0°	30°	60°	90°	120°	150°	-

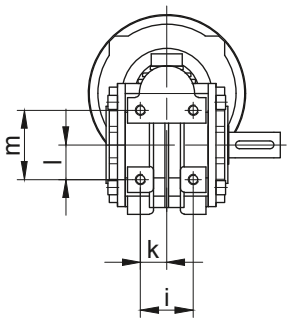
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS-series worm-geared motors

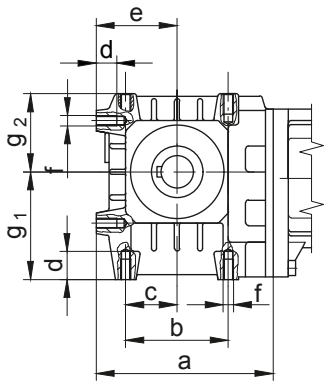
Additional Dimension Sheet Imperial

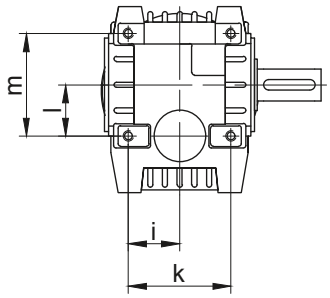
Threaded foot



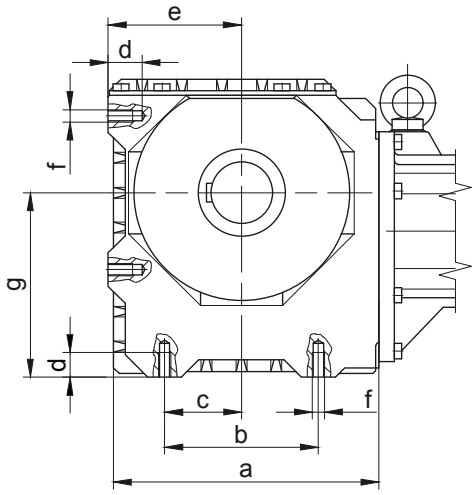


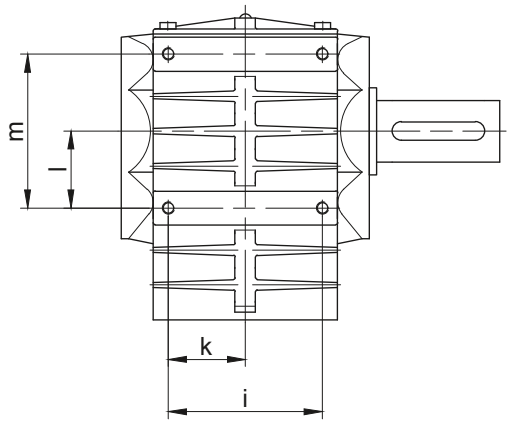
Type	a	b	c	d	e	f	g	-	i	k	l	m
BS02	-	1.42	0.71	0.39	1.57	M6	1.57	-	1.26	0.63	0.71	1.42
BS03	-	2.13	1.06	0.55	2.13	M8	2.13	-	1.61	0.81	1.06	2.13





Type	a	b	c	d	e	f	g_1	g_2	i	k	l	m
BS04	4.37	2.36	1.18	0.61	1.97	M8	2.52	1.95	1.18	2.36	1.18	2.36
BS06	5.43	3.15	1.57	0.63	2.48	M8	3.31	2.40	1.57	3.15	1.57	3.15

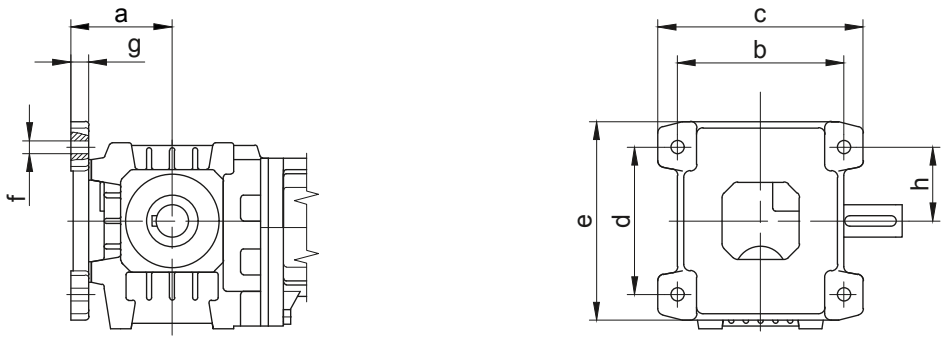




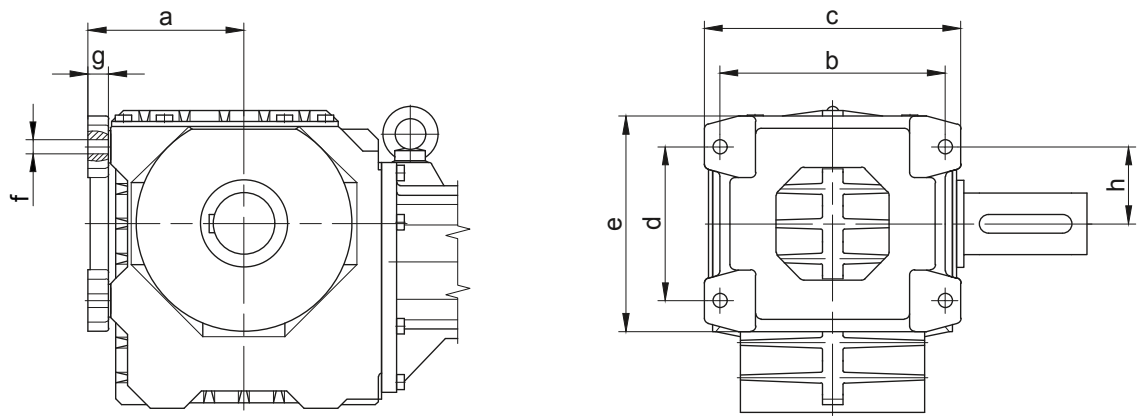
Type	a	b	c	d	e	f	g	-	i	k	l	m
BS10-BS10Z	6.69	3.54	1.77	0.63	3.35	M8	4.13	-	3.74	1.87	1.77	3.54
BS20-BS20Z	7.97	4.33	2.17	0.79	3.94	M10	4.92	-	4.13	2.07	2.17	4.33
BS30-BS30Z	8.98	4.92	2.46	0.94	4.33	M12	5.91	-	4.72	2.36	2.46	4.92
BS40-BS40Z	10.39	5.91	2.95	0.94	5.12	M12	7.09	-	5.91	2.95	2.95	5.91

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Foot plate, left



Type	a	b	c	d	e	f	g	h
BS04	2.68	4.33	5.51	3.54	5.12	0.39	0.59	1.77
BS06	3.11	5.12	6.30	4.53	6.10	0.39	0.55	2.26



Type	a	b	c	d	e	f	g	h
BS10-BS10Z	4.06	5.71	6.50	3.54	5.12	Ø0.35	0.63	2.85
BS20-BS20Z	4.72	6.50	7.68	4.33	6.30	Ø0.43	0.71	2.17
BS30-BS30Z	5.20	7.48	8.66	4.92	7.28	Ø0.53	0.79	2.46
BS40-BS40Z	5.98	8.66	9.84	5.91	8.27	Ø0.53	0.79	2.95

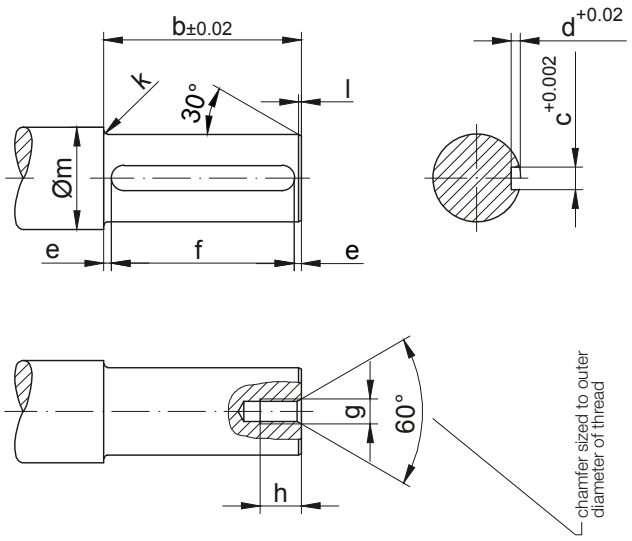
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS-series worm-geared motors

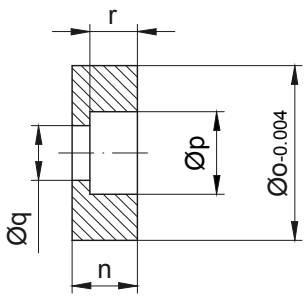
Additional Dimension Sheet Imperial

Assembly tools for hollow shaft and keyway

Position 1 Shaft



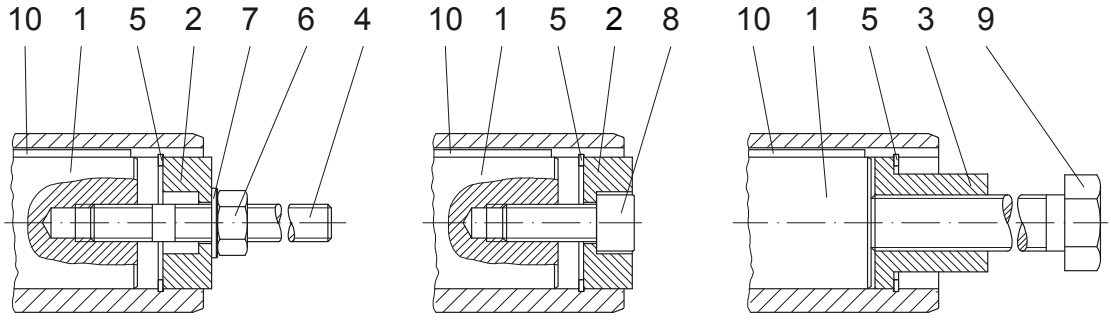
* Position 2 Disc



Material: Steel, tensile strength ≥ 470 MPa

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

Type	Dimensions (inch)															
	Postion 1 Shaft											Postion 2 Disc				
	a	b	c	d	e	f	g	h	k	l	m	n	o	p	q	r
BS03	0.75	2.95	0.188	0.106	0.235	2.48	M6	0.63	0.08	0.06	1.10	0.53	0.74	0.43	0.26	0.26
BS04	0.75	2.80	0.188	0.141	0.30	2.20	M6	0.63	0.08	0.06	1.10	0.53	0.74	0.43	0.26	0.26
BS06	1.00	3.90	0.25	0.138	0.375	0.315	M8	0.71	0.10	0.06	1.30	0.53	0.99	0.59	0.35	0.33
BS10	1.25	5.98	0.25	0.138	0.235	5.51	M10	0.79	0.12	0.06	1.50	0.59	1.24	0.71	0.43	0.39
BS20	1.375	7.32	0.313	0.174	0.51	6.30	M10	0.79	0.12	0.06	1.69	0.63	1.365	0.71	0.43	0.39
BS30	1.50	8.35	0.375	0.211	0.24	7.87	M12	0.87	0.12	0.08	1.89	0.71	1.49	0.79	0.53	0.47
BS40	2.375	8.94	0.625	0.282	0.535	7.87	M20	1.50	0.14	0.08	2.68	0.94	2.365	1.30	0.87	0.71



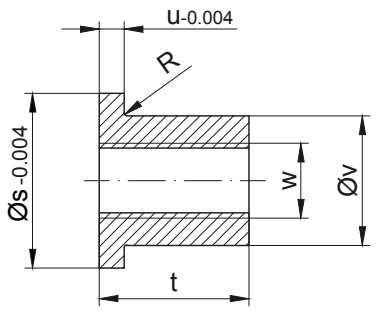
Installation Holding Dismantlement

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Assembly tools for hollow shaft and keyway

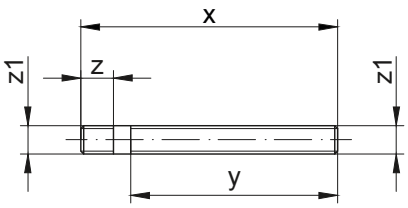
Position 3 Sleeve



Material: Steel, tensile strength ≥ 470 MPa

Shaft extension tolerance:
up to 1.5 in diameter: +0.000 / -0.0005 in
over 1.5 in diameter: +0.000 / -0.001 in
Flange spigot diameter: +0.0003 / -0.0015 in

* Position 4 Stud bolt



Material: steel, tensile strength ≥ 1000 MPa Thread rolled

Type	Dimensions (inch)										* Retaining ring DIN 472	Hexagon nut DIN 394-8	Disc DIN 125-St	* Filister head screw DIN 912-8.8	Starting torque (Nm)	Hexagon bolt DIN EN 24017-8.8	Key DIN 6885 Width/Height/Length
	Position 3 Sleeve						Position 4 Stud bolt										
	s	t	u	v	w	R	x	y	z	z1	Pos.5	Pos.6	Pos.7	Pos.8		Pos.9	Pos.10
BS03	0.74	0.94	0.20	0.43	M8	-	4.72	3.54	0.71	M6	20x1.0	M6	6.4	M6x25		M8x110	3/16x3/16x2.48
BS04	0.74	0.94	0.20	0.43	M8	-	4.72	3.54	0.71	M6	20x1.0	M6	6.4	M6x25	44.25	M8x110	3/16x3/16x2.2
BS06	0.99	0.94	0.20	0.61	M12	0.03	5.91	4.72	0.79	M8	25x1.2	M8	8.4	M8x30		M12x140	1/4x1/4x3.15
BS10	1.24	1.10	0.20	0.78	M14	0.03	8.27	6.89	0.91	M10	30x1.2	M10	10.5	M10x30	70.81	M14x190	1/4x1/4x5.51
BS20	1.365	1.10	0.20	0.91	M14	-	9.84	8.46	0.91	M10	35x1.5	M10	10.5	M10x35		M14x230	5/16x5/16x6.3
BS30	1.49	1.57	0.24	1.09	M20	0.03	11.02	9.45	1.10	M12	40x1.75	M12	13	M12x35	141.61	M20x270	3/8x3/8x7.87
BS40	2.365	2.36	0.24	1.73	M30	-	12.60	10.24	1.77	M20	60x2.0	M20	21	M20x50	371.73	M30x310	5/8x5/8x7.87

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

Optional

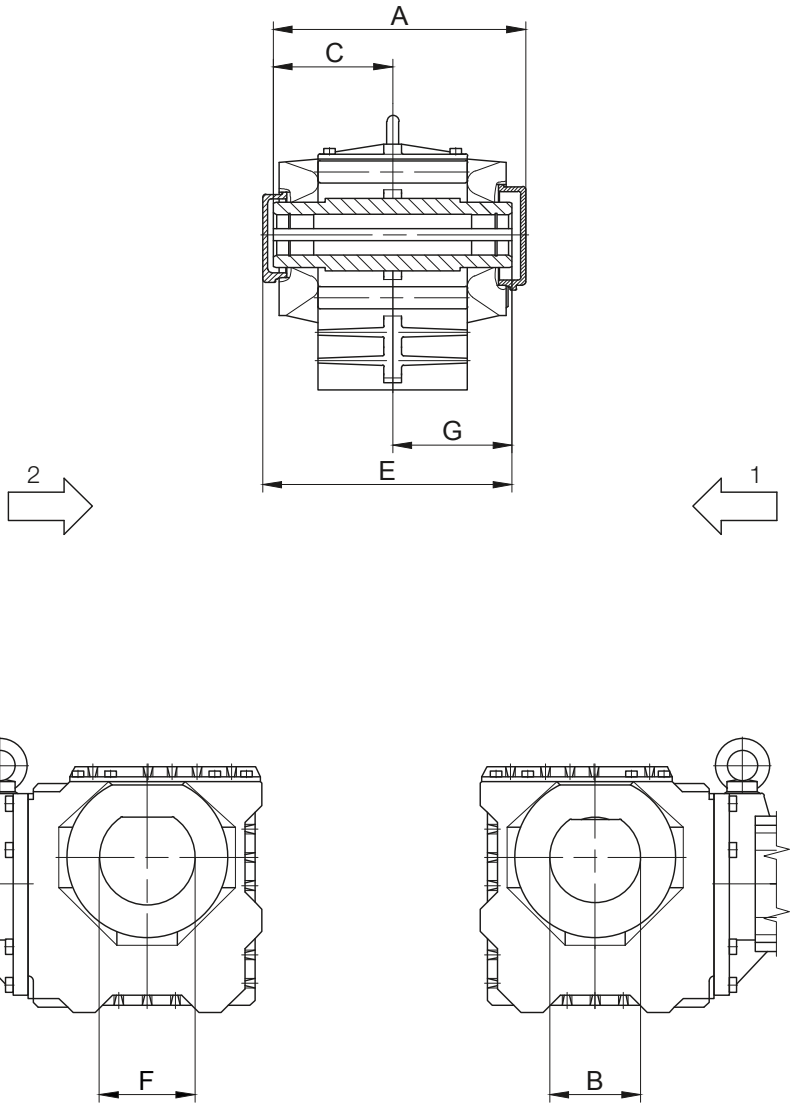
Type	Assembly tool „Holding“
BS03	Available only on request
BS04	Available only on request
BS06	Available only on request
BS10	Available only on request
BS20	Available only on request
BS30	Available only on request
BS40	Available only on request

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS-series worm-geared motors

Additional Dimension Sheet Imperial

Shaft cap (VK)



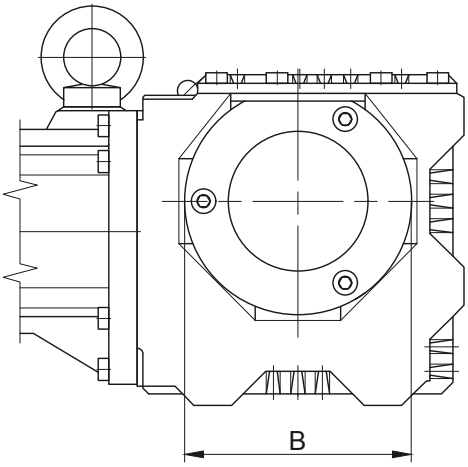
1 Gear side FRONT (V)
2 Gear side REAR (H)

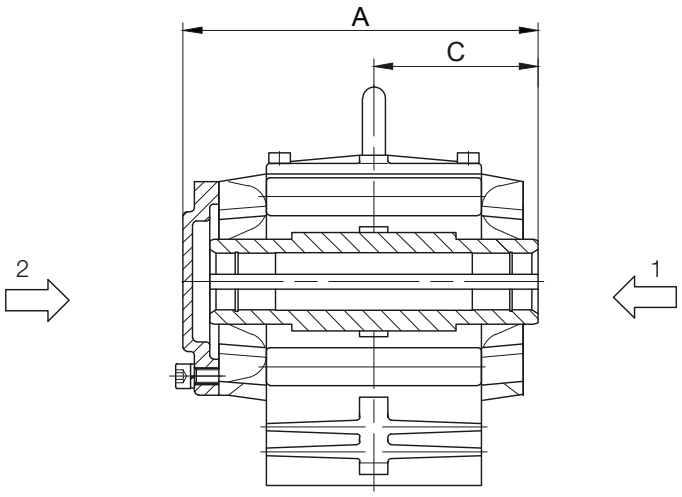
Sealing cap REAR (H)			
Type	A	B	C
BS10	7.32	2.68	3.43
BS30	9.86	3.94	5.20
BS40	10.87	5.12	5.04
Dimensions in inch			

Sealing cap FRONT (V)			
Type	E	F	G
BS20	8.70	3.07	4.11
Dimensions in inch			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shaft cover (VD)





1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	A	B	C
BS04	3.92	2.68	1.83
BS06	5.06	3.19	2.38
BS10	7.28	Ø4.72	3.43
BS20	8.84	Ø6.30	4.11
BS30	9.90	Ø6.30	4.67
BS40	10.83	Ø8.27	5.04
Dimensions in inch			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

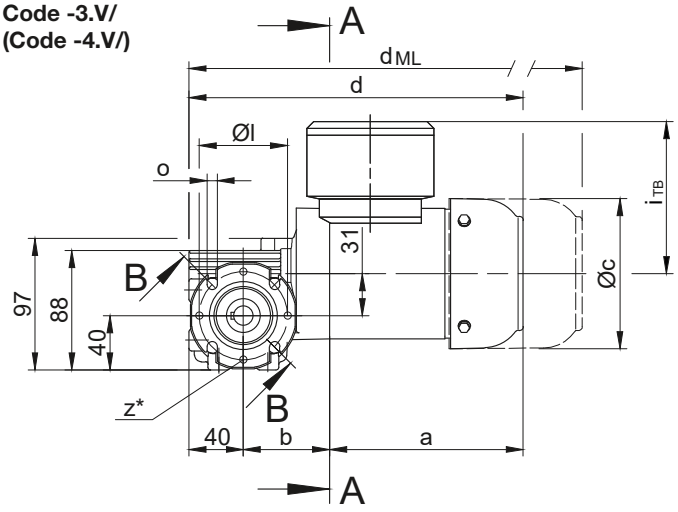
BS-series worm-geared motors

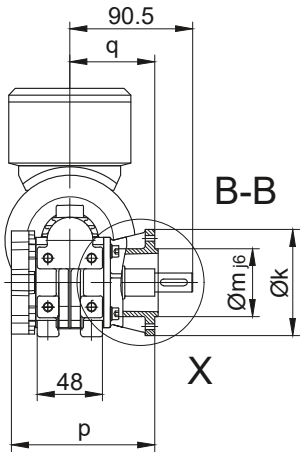
Dimension - Standard Metric

BS02

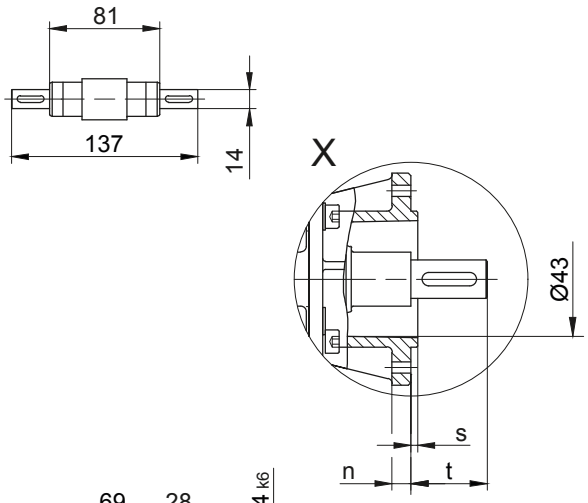
Flange with clearance holes at front

Code -3.V/
(Code -4.V/)

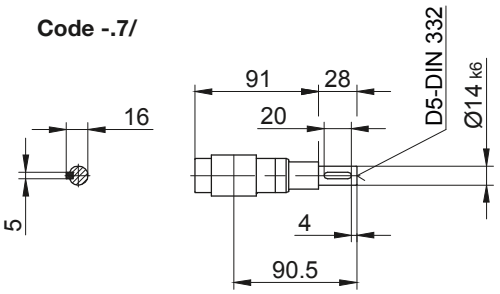




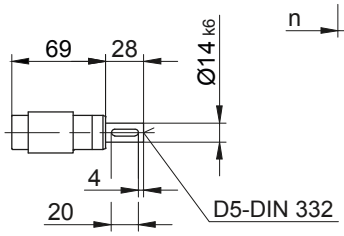
Code -.3/



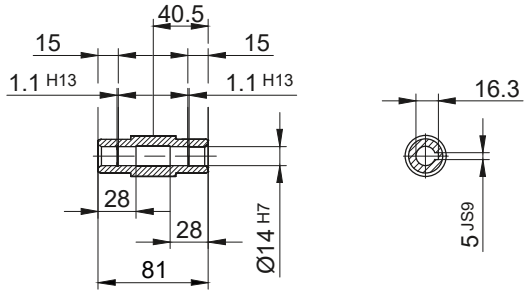
Code -.7/

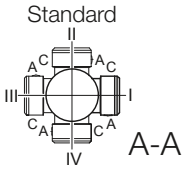


Code -.1/



Code -.4/





* optional 4xM5 for code -3.
* optional 4xM6 for code -4.

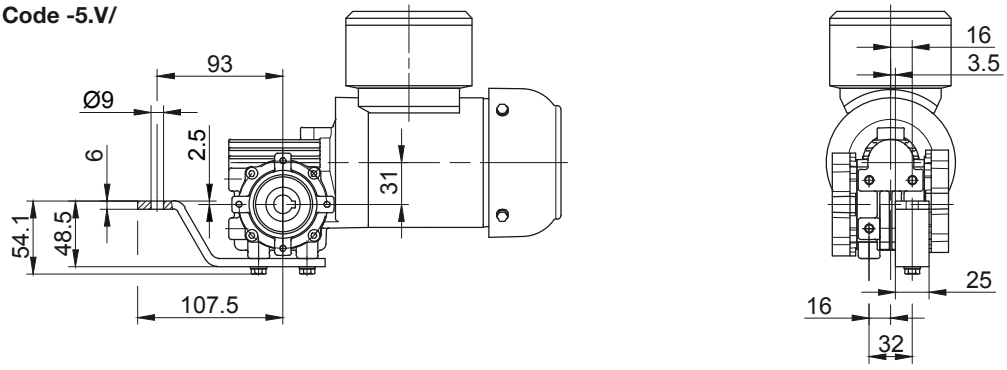
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS02	Code -3.V/	80	65	50	7.5	5.5	105.5	62.5	2.5	28
BS02	Code -4.V/	110	80	60	8	6.6	105.5	62.5	2.5	28
Dimensions in millimetres (mm)										

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS02-../D04.A.	142.5	63.5	110.5	246	90	112	289.5	333.5	377	-
BS02-../D..05.A.	170.5	65.5	123	276	101,5	117	318	378.5	416	-
BS02-../D..06.A.	170.5	65.5	123	276	101,5	119	318	378.5	416	-
BS02-../D..07.A.	190.5	65.5	123	296	101,5	119	338	398.5	436	-
Dimensions in millimetres (mm)										

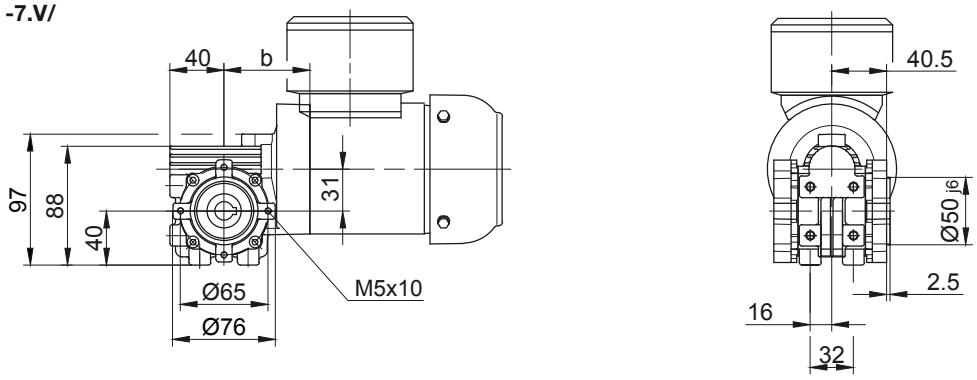
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS02

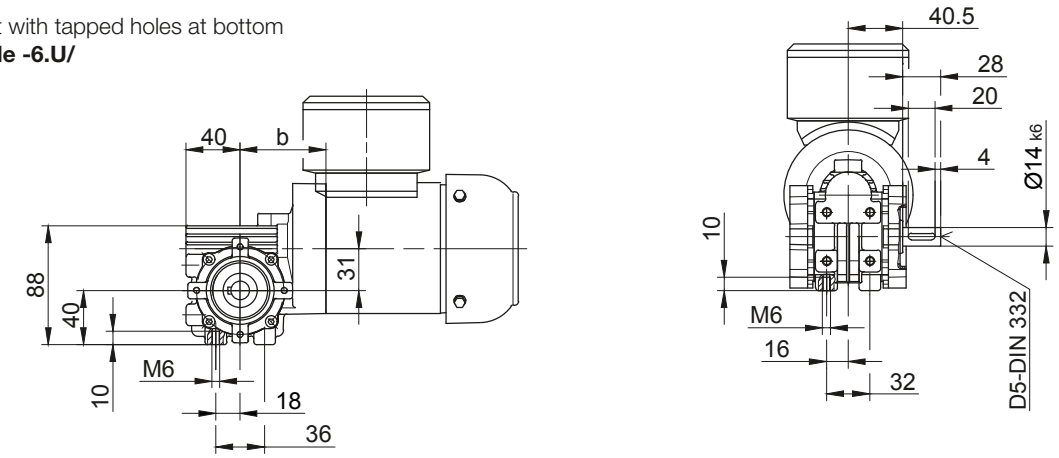
Torque arm at front
Code -5.V/



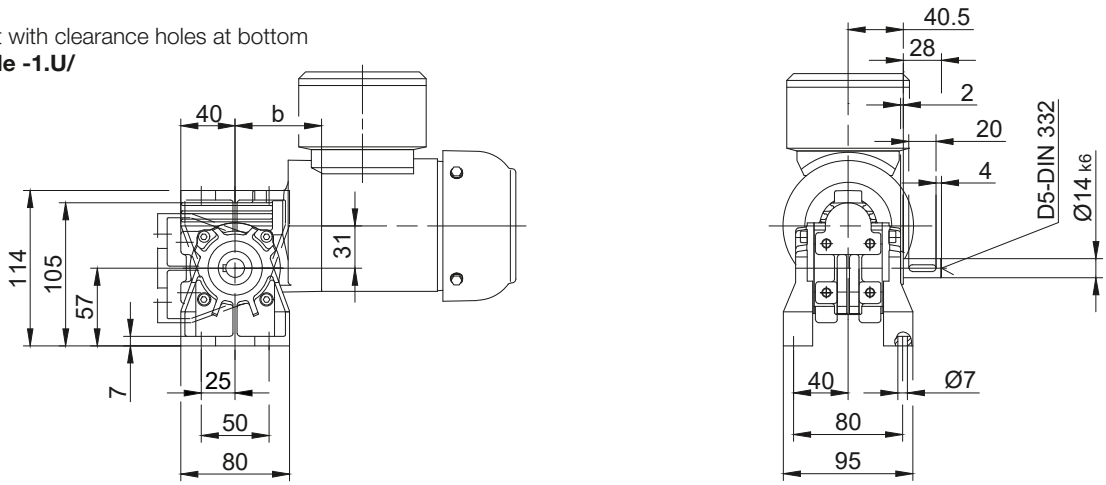
Foot with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

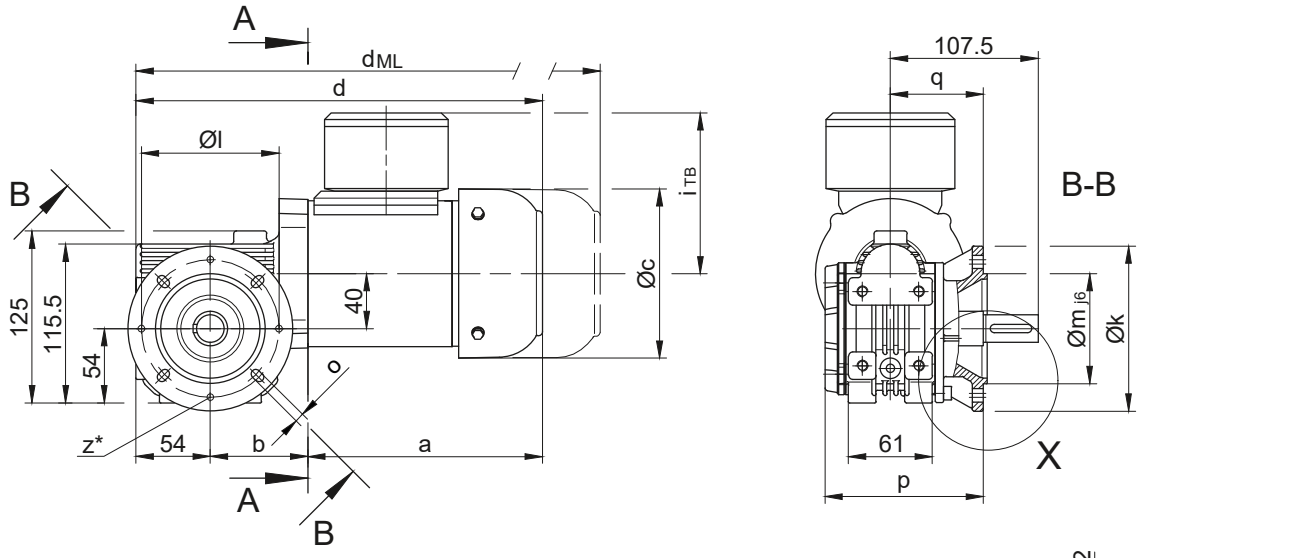
BS-series worm-geared motors

Dimension - Standard Metric

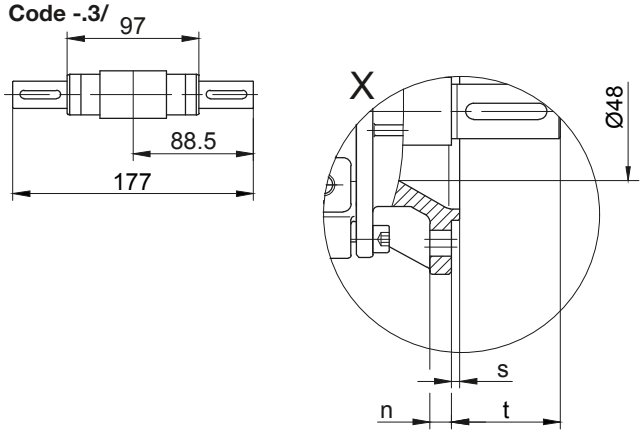
BS03

Flange with clearance holes at front

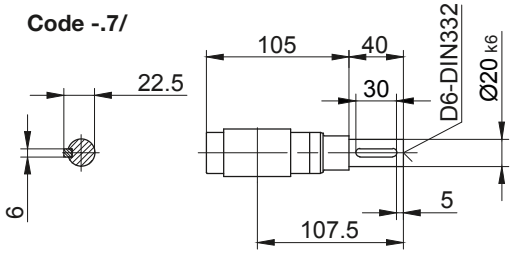
Code -3.V/



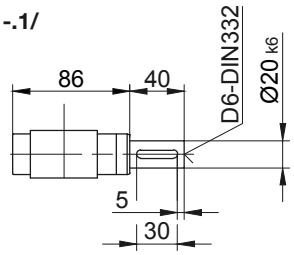
Code -.3/

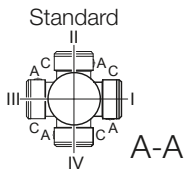


Code -.7/

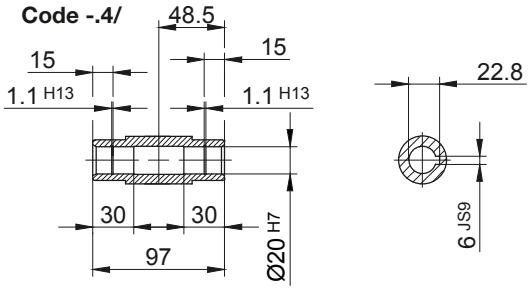


Code -.1/





Code -.4/



* optional 4xM6 for code -3.

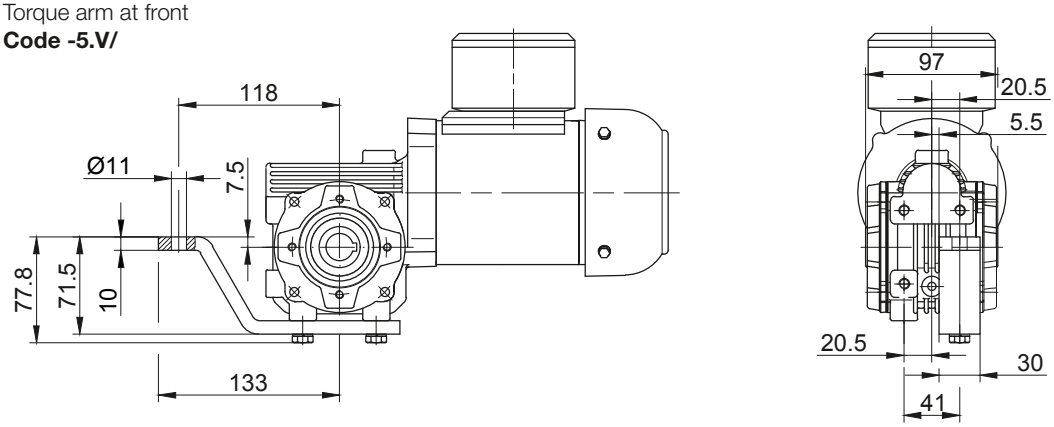
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS03	Code -3.V/	120	100	80	8	6.6	115	67.5	3	40
Dimensions in millimetres (mm)										

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS03-../D..05.A.	170.5	71	123	295.5	101,5	117	337.5	398	435.5	-
BS03-../D..06.A.	170.5	71	123	295.5	101,5	119	337.5	398	435.5	-
BS03-../D..07.A.	190.5	71	123	315.5	101,5	119	357.5	418	455.5	-
BS03-../D..08.A.	199.5	115	156	368.5	116	136.5	434.5	480.5	542	434.5
BS03-../D..08.B.	229.5	115	156	398.5	116	136.5	464.5	510.5	571.5	464.5
Dimensions in millimetres (mm)										

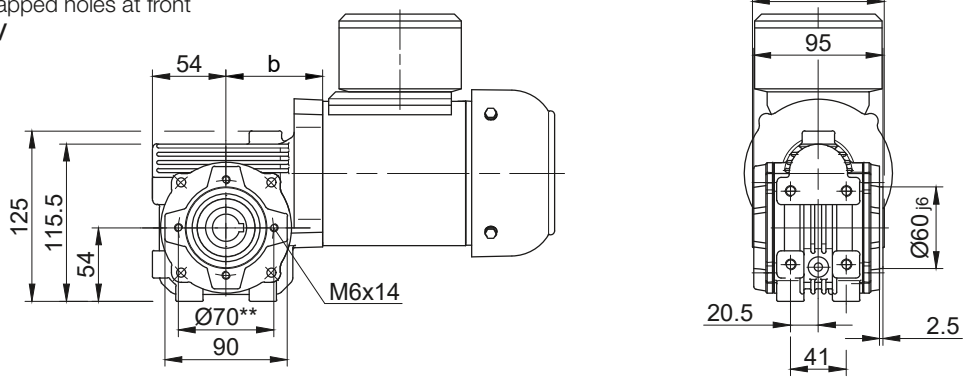
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS03

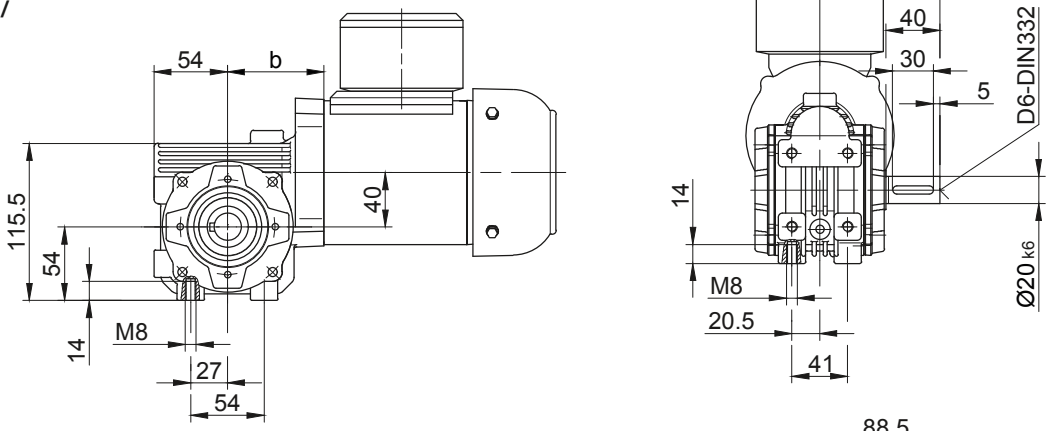
Torque arm at front
Code -5.V/



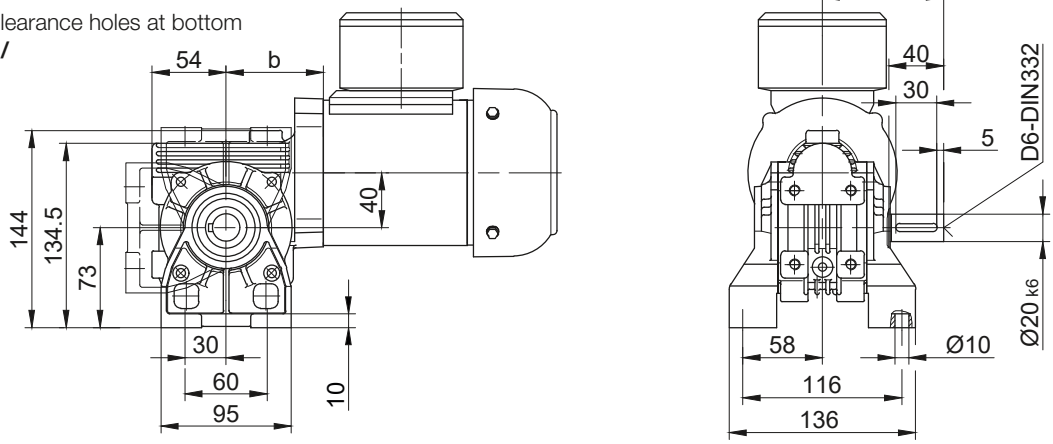
Foot with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



** not for D..08.. with PTO shaft (code -.1, -.2, -3., -.7, -.8, -.9)

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

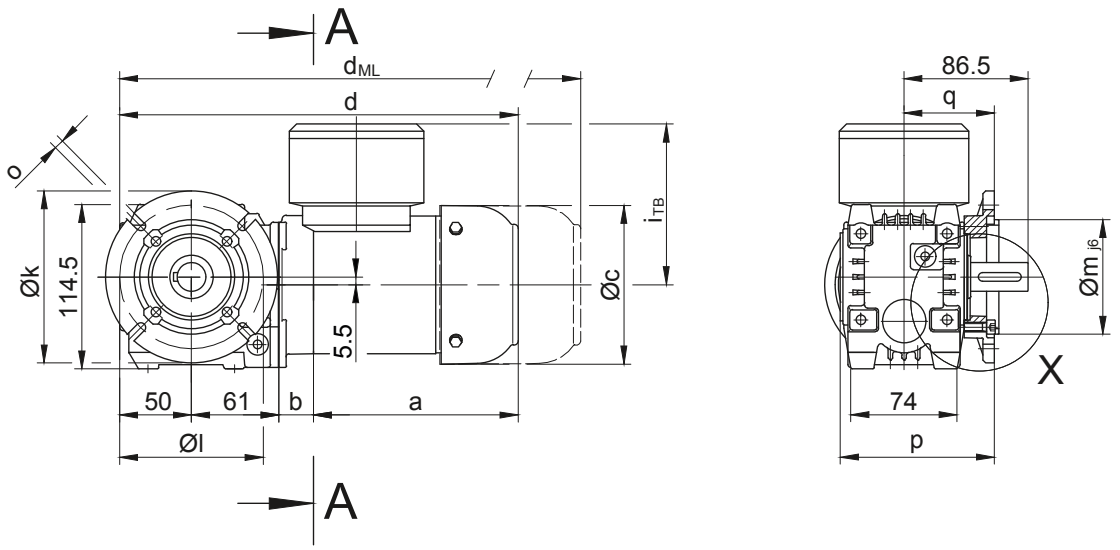
BS-series worm-geared motors

Dimension - Standard Metric

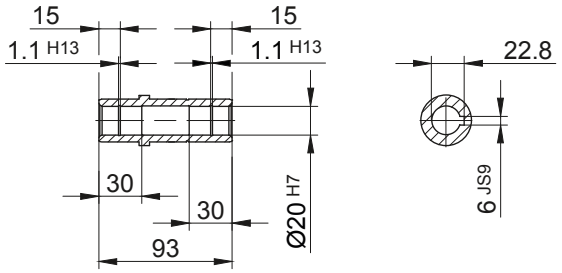
BS04

Flange with clearance holes at front

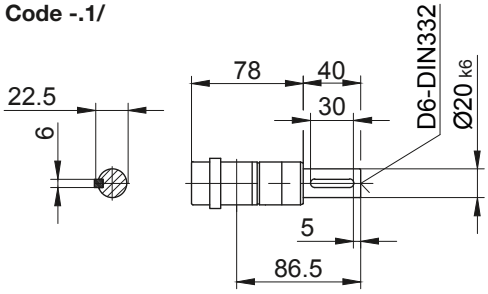
Code -3.V/

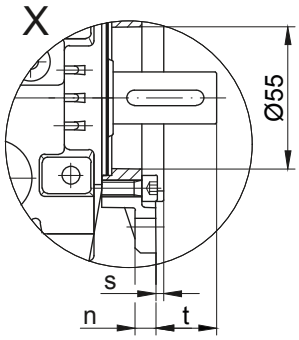


Code -.4/

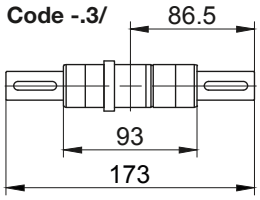


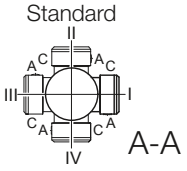
Code -.1/





Code -.3/





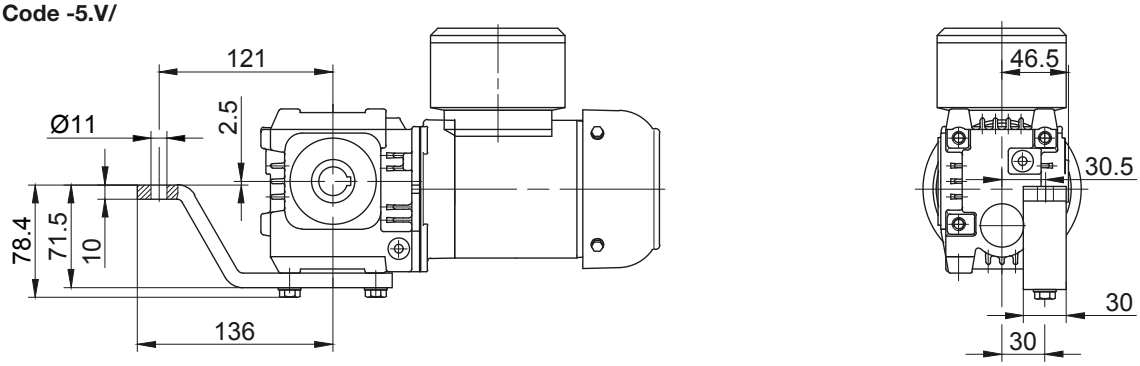
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS04	Code -3.V/	120	100	80	8	6.6	107.5	63	3	23.5
Dimensions in millimetres (mm)										

Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS04-../D04.A.	142.5	24	110.5	277.5	90	112	321	365	408.5	-
BS04-../D..05.A.	170.5	26	123	307.5	101,5	117	349.5	410	447.5	-
BS04-../D..06.A.	170.5	26	123	307.5	101,5	119	349.5	410	447.5	-
BS04-../D..07.A.	190.5	26	123	327.5	101,5	119	369.5	430	467.5	-
Dimensions in millimetres (mm)										

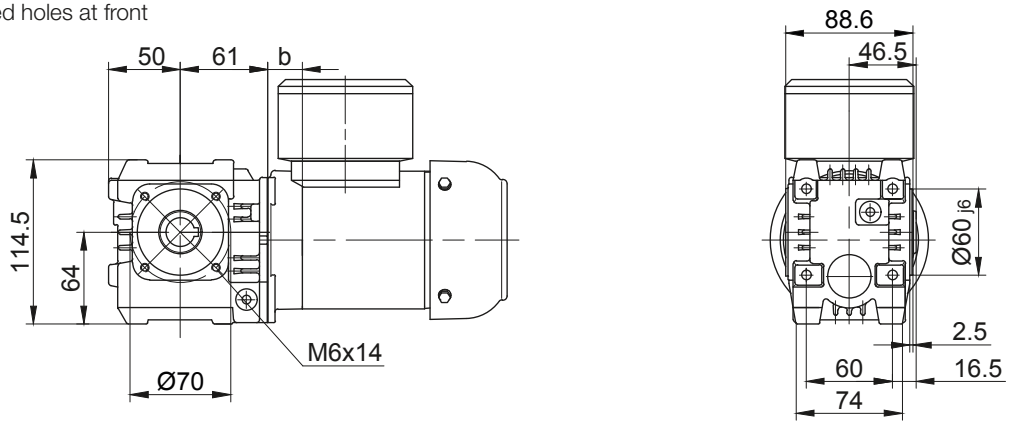
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS04

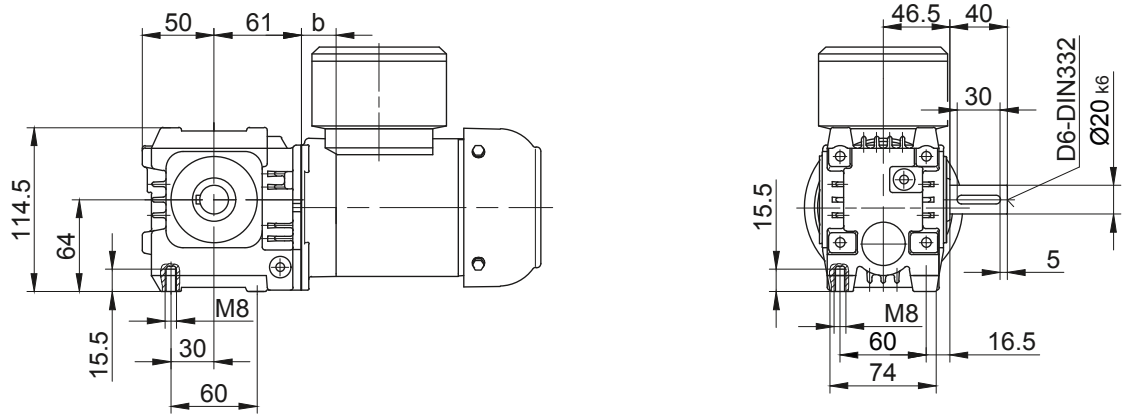
Torque arm at front
Code -5.V/



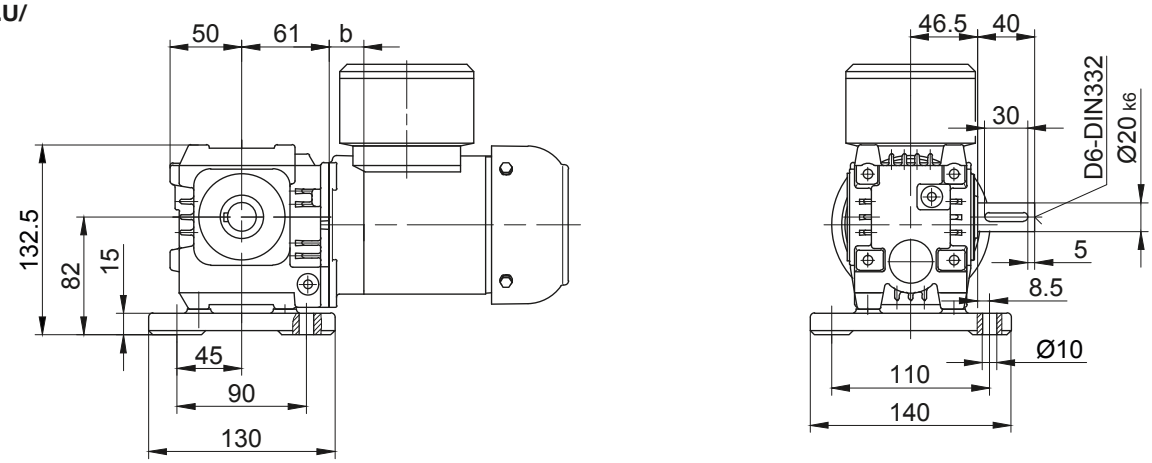
Foot with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

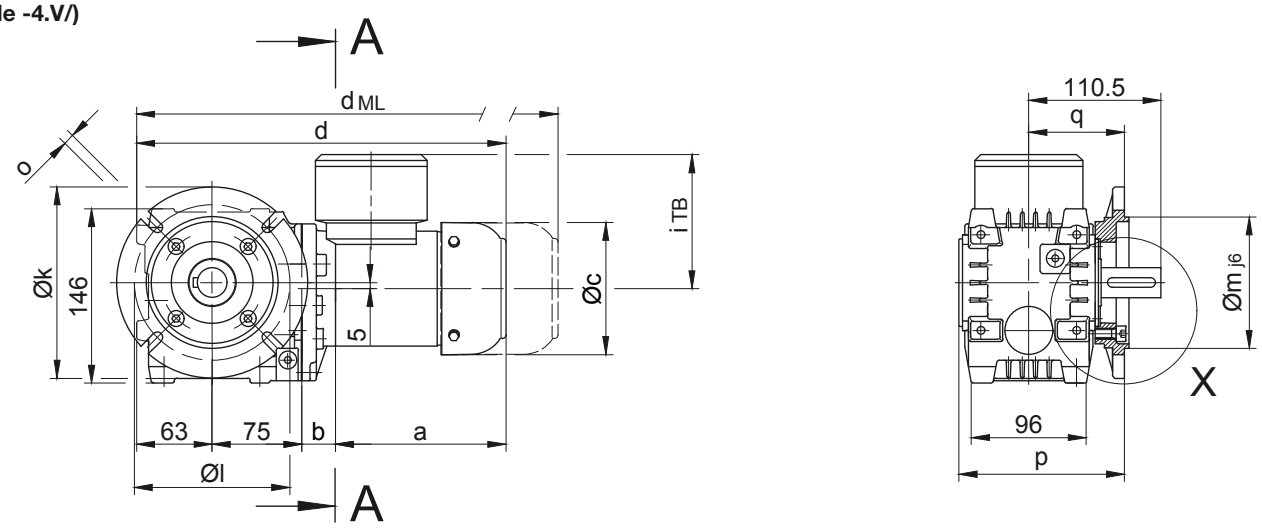
BS-series worm-geared motors

Dimension - Standard Metric

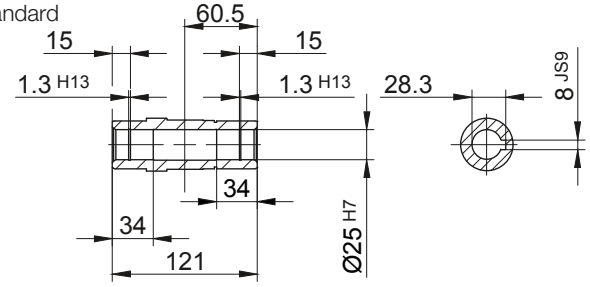
BS06

Flange with clearance holes at front

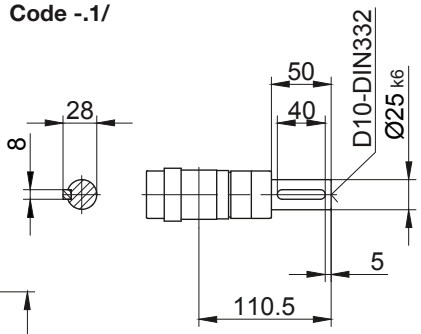
Code -3.V/
(Code -4.V/)

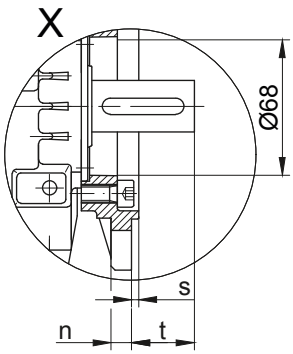


Code -.4/
Standard

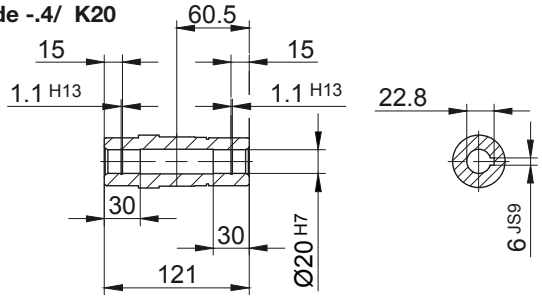


Code -.1/

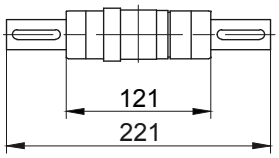


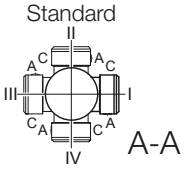


Code -.4/ K20



Code -.3/





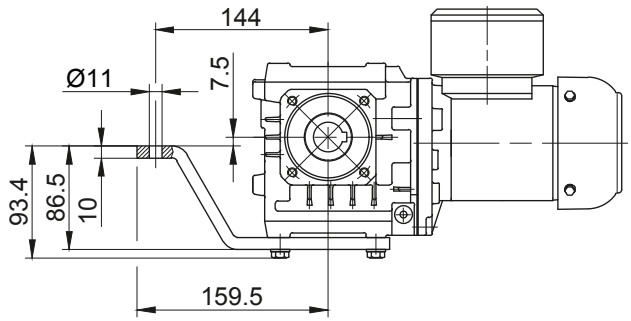
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS06..	Code -3.V/	140	115	95	10	9	138.3	80	3	30.5
BS06..	Code -4.V/	160	130	110	10	9	138.3	80	3.5	30.5
Dimensions in millimetres (mm)										

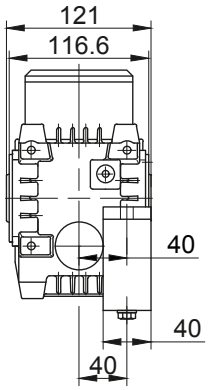
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS06-../D04.A.	142.5	28	110.5	308.5	90	112	352	396	439.5	-
BS06-../D..05.A.	170.5	30	123	338.5	101,5	117	380.5	441	478.5	-
BS06-../D..06.A.	170.5	30	123	338.5	101,5	119	380.5	441	478.5	-
BS06-../D..07.A.	190.5	30	123	358.5	101,5	119	400.5	461	498.5	-
BS06-../D..08.A.	199.5	74	156	411.5	116	136.5	477.5	523.5	585	477.5
BS06-../D..08.B.	229.5	74	156	441.5	116	136.5	507.5	553.5	614.5	507.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

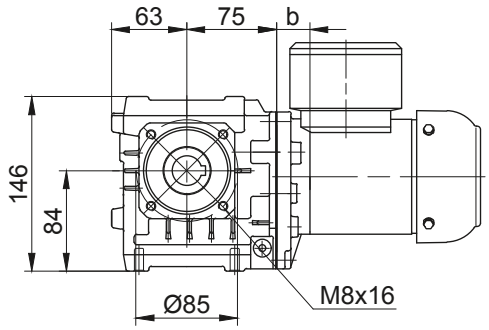
BS06

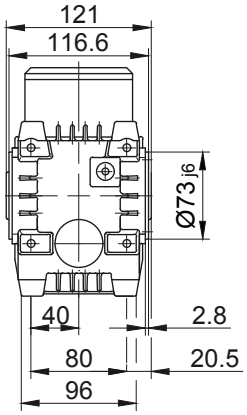
Torque arm at front
Code -5.V/



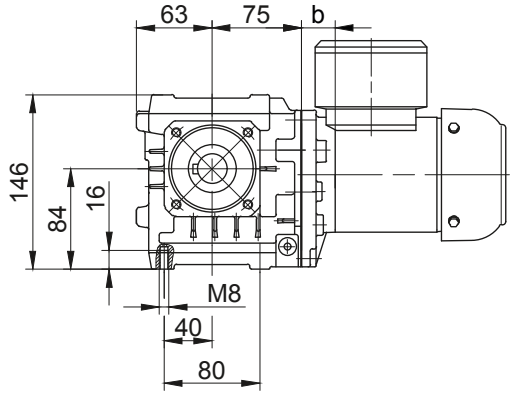


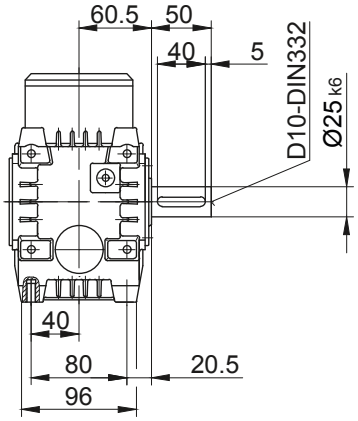
Foot with tapped holes at front
Code -7.V/



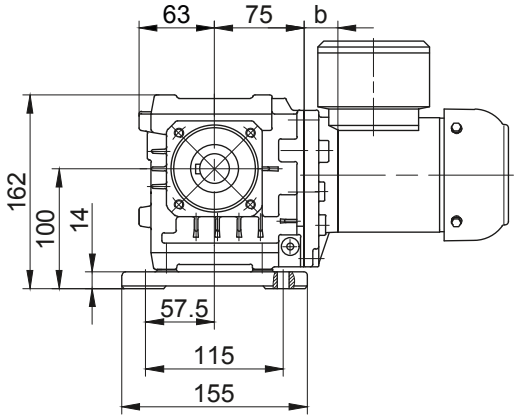


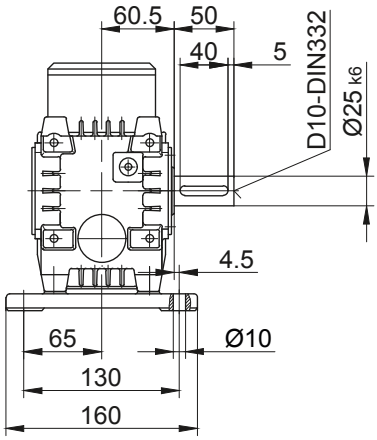
Foot with tapped holes at bottom
Code -6.U/





Foot with clearance holes at bottom
Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

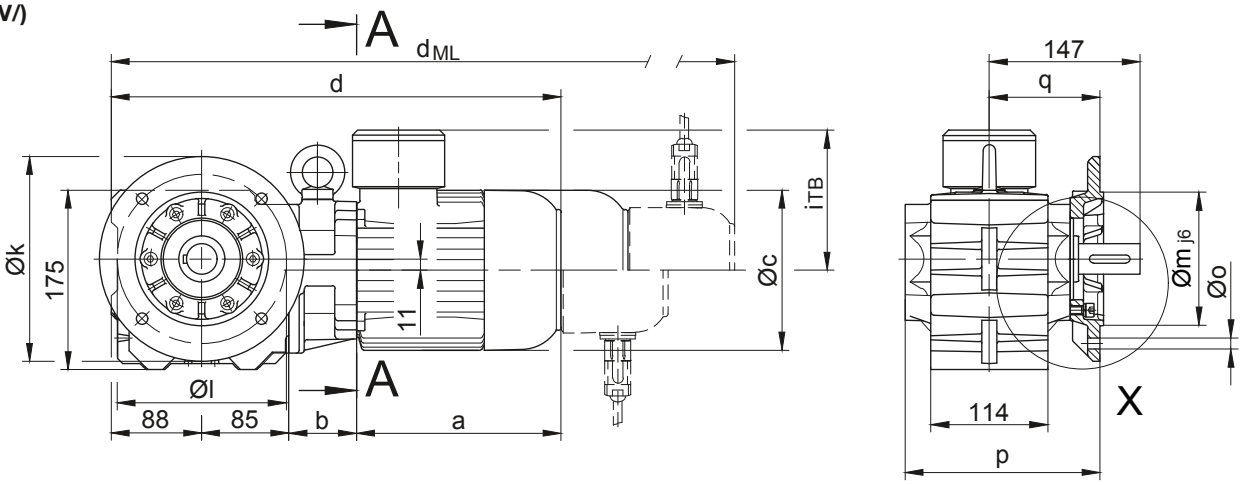
BS-series worm-geared motors

Dimension - Standard Metric

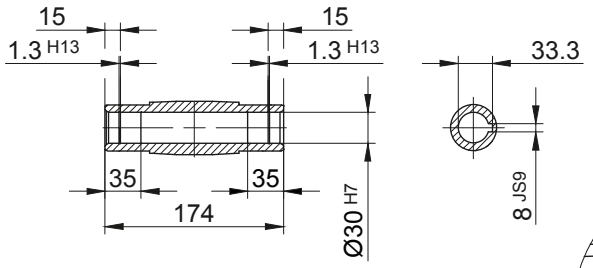
BS10 - BS10Z

Flange with clearance holes at front

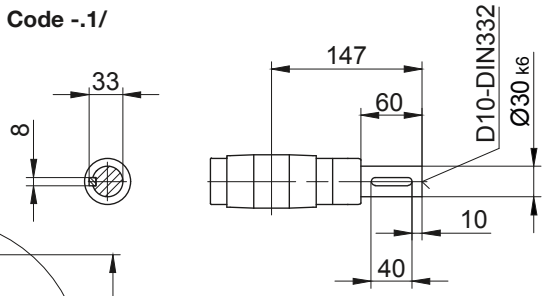
Code -3.V/
(Code -2V/)

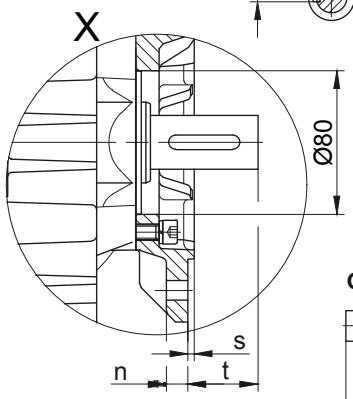


Code -.4/

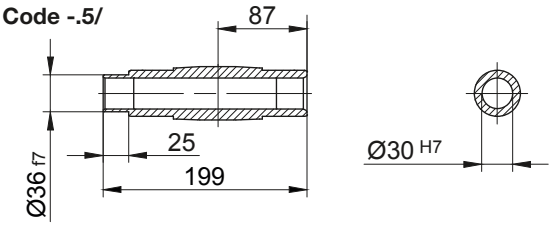


Code -.1/

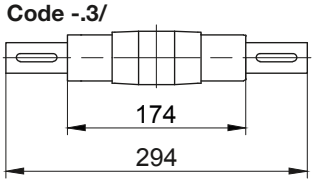




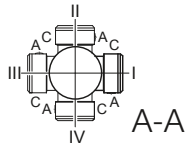
Code -.5/



Code -.3/



Standard



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS10..	Code -3.V/	200	165	130	12	11	190	108	3.5	39
BS10..	Code -2.V/	160	130	110	10	9	183	101	3.5	46
Dimensions in millimetres (mm)										

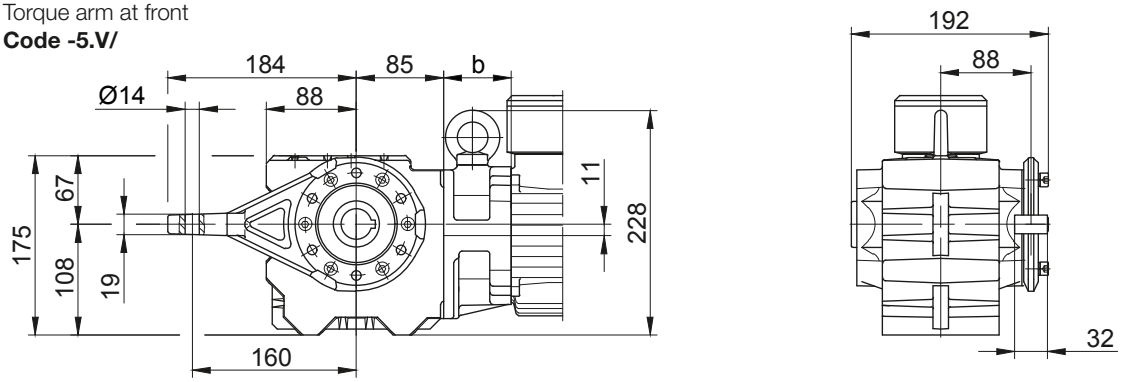
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS10Z-../D04.A.	142.5	86	110.5	401.5	90	112	445	489	532.5	-
BS10-../D..05.A.	170.5	62	123	405.5	101,5	117	447.5	508	545.5	-
BS10Z-../D..05.A.	170.5	88	123	431.5	101,5	117	473.5	534	571.5	-
BS10-../D..06.A.	170.5	62	123	405.5	101,5	119	447.5	508	545.5	-
BS10Z-../D..06.A.	170.5	88	123	431.5	101,5	119	473.5	534	571.5	-
BS10-../D..07.A.	190.5	62	123	425.5	101,5	119	467.5	528	565.5	-
BS10Z-../D..07.A.	190.5	88	123	451.5	101,5	119	493.5	554	591.5	-
BS10-../D..08.A.	199.5	66	156	438.5	116	136.5	504.5	550.5	612	504.5
BS10Z-../D..08.A.	199.5	132	156	504.5	116	136.5	570.5	616.5	678	570.5
BS10-../D..08.B.	229.5	66	156	468.5	116	136.5	534.5	580.5	641.5	534.5
BS10Z-../D..08.B.	229.5	132	156	534.5	116	136.5	600.5	646.5	707.5	600.5
BS10-../D..09.A.	250.5	80.5	176	504	125,5	157	597	611.5	701	597
BS10-../D..09.B.	308.5	80.5	176	562	125,5	157	655	669	759	655
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS10 - BS10Z

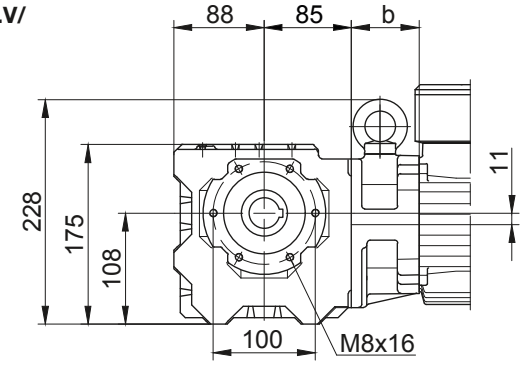
Torque arm at front

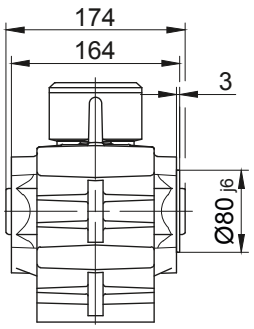
Code -5.V/



Foot with tapped holes at front

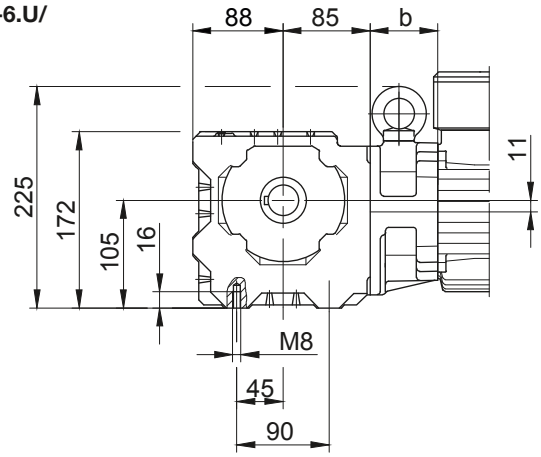
Code -7.V/

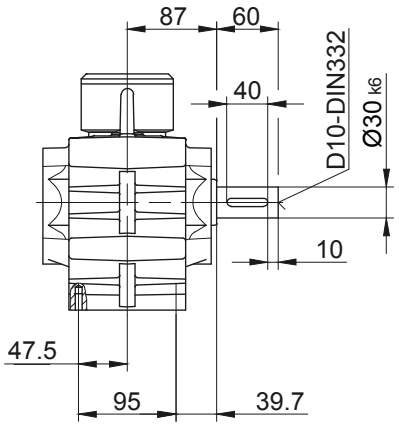




Foot with tapped holes at bottom

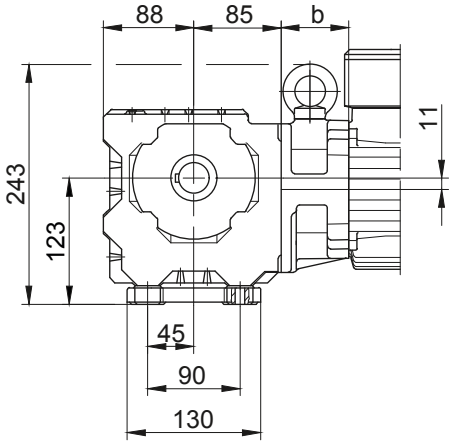
Code -6.U/

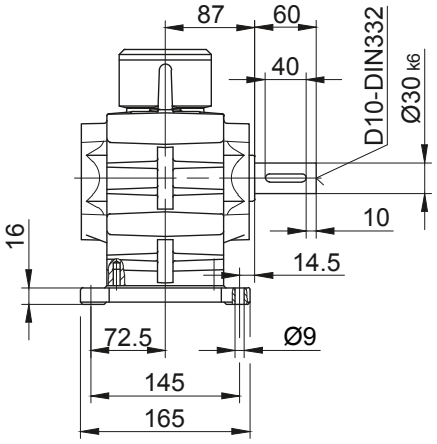




Foot with clearance holes at bottom

Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

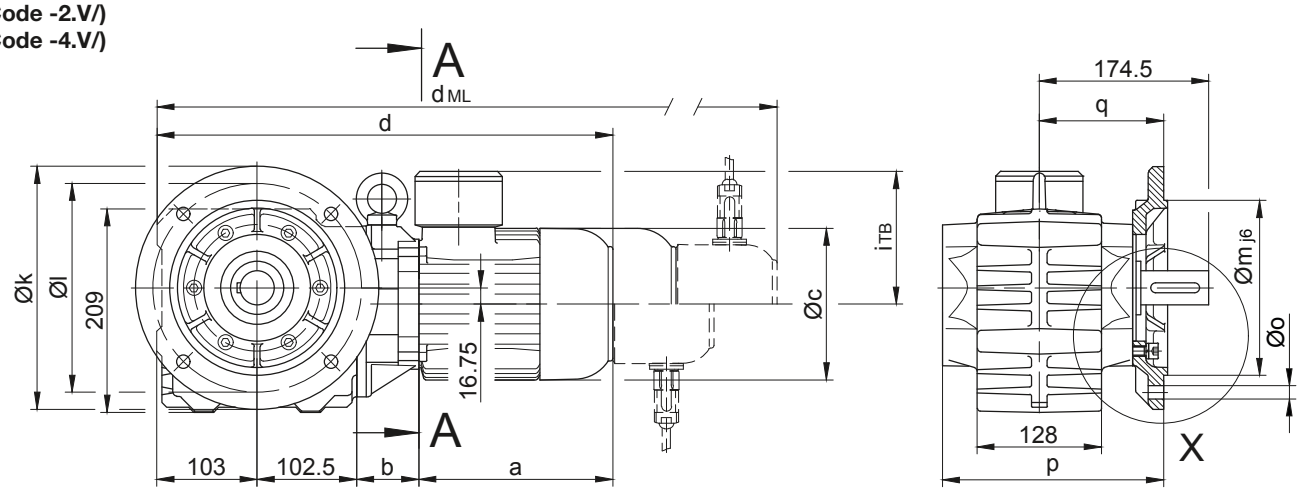
BS-series worm-geared motors

Dimension - Standard Metric

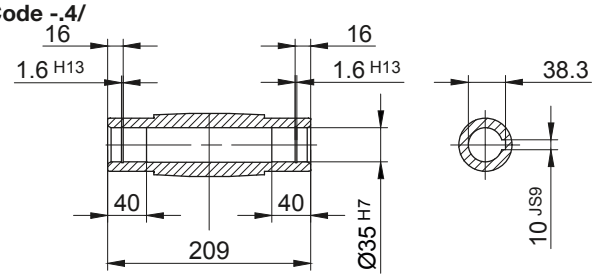
BS20 - BS20Z

Flange with clearance holes at front

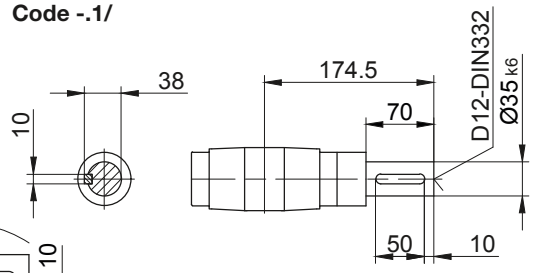
Code -3.V/
(Code -2.V/)
(Code -4.V/)

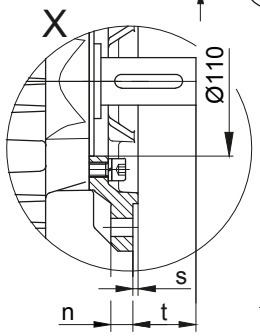


Code -.4/

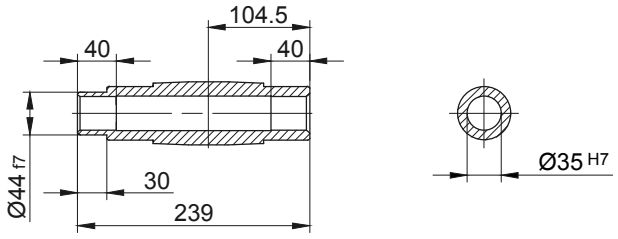


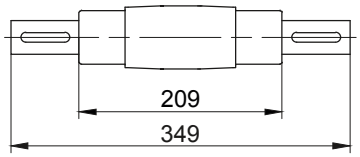
Code -.1/

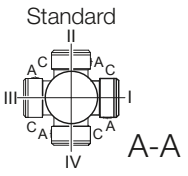




Code -.5/







Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS20..	Code -3.V/	250	215	180	16	13.5	227.5	128	4	46.5
BS20..	Code -2.V/	200	165	130	12	11	224.5	125	3.5	49.5
BS20..	Code -4.V/	300	265	230	20	13.5	233.5	134	4	40.5
Dimensions in millimetres (mm)										

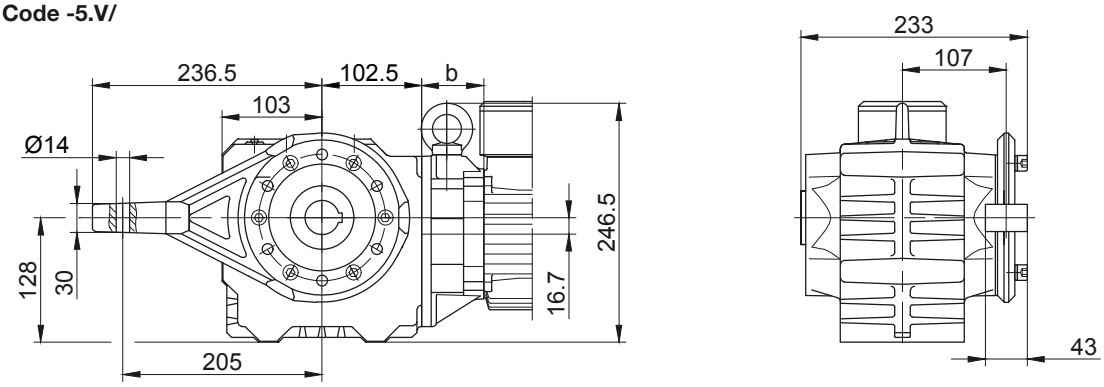
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS20Z-../D04.A.	142.5	100	110.5	448	90	112	491.5	535.5	579	-
BS20-../D..05.A.	170.5	60	123	436	101,5	117	478	538.5	576	-
BS20Z-../D..05.A.	170.5	102	123	478	101,5	117	520	580.5	618	-
BS20-../D..06.A.	170.5	60	123	436	101,5	119	478	538.5	576	-
BS20Z-../D..06.A.	170.5	102	123	478	101,5	119	520	580.5	618	-
BS20-../D..07.A.	190.5	60	123	456	101,5	119	498	558.5	596	-
BS20Z-../D..07.A.	190.5	102	123	498	101,5	119	540	600.5	638	-
BS20-../D..08.A.	199.5	64	156	469	116	136.5	535	581	642.5	535
BS20Z-../D..08.A.	199.5	146	156	551	116	136.5	617	663	724.5	617
BS20-../D..08.B.	229.5	64	156	499	116	136.5	565	611	672	565
BS20Z-../D..08.B.	229.5	146	156	581	116	136.5	647	693	754	647
BS20-../D..09.A.	250.5	78.5	176	534.5	125,5	157	627.5	642	731.5	627.5
BS20-../D..09.B.	308.5	78.5	176	592.5	125,5	157	685.5	699.5	789.5	685.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS20 - BS20Z

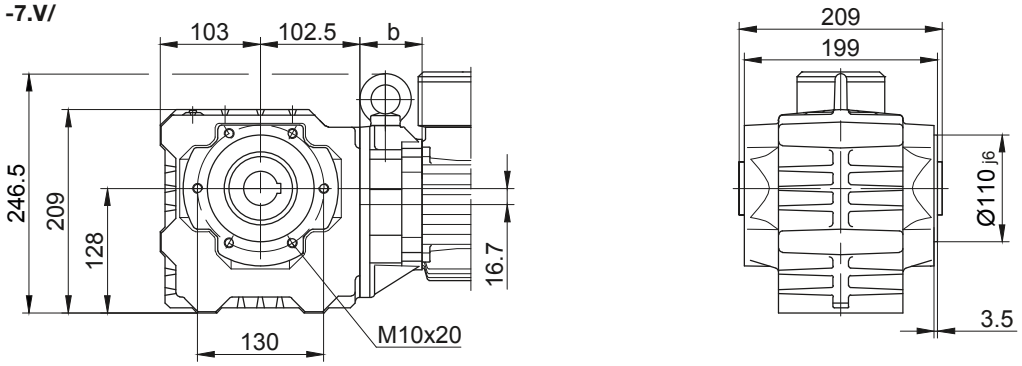
Torque arm at front

Code -5.V/



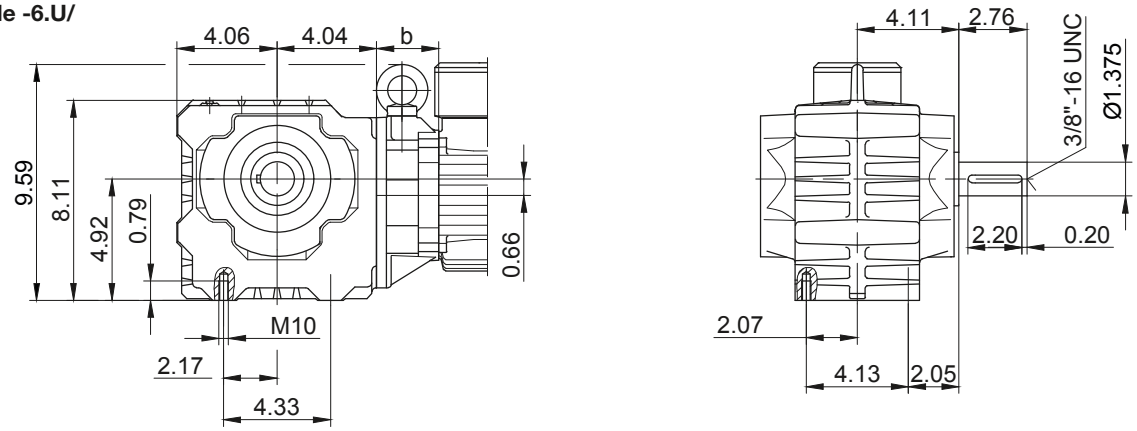
Foot with tapped holes at front

Code -7.V/



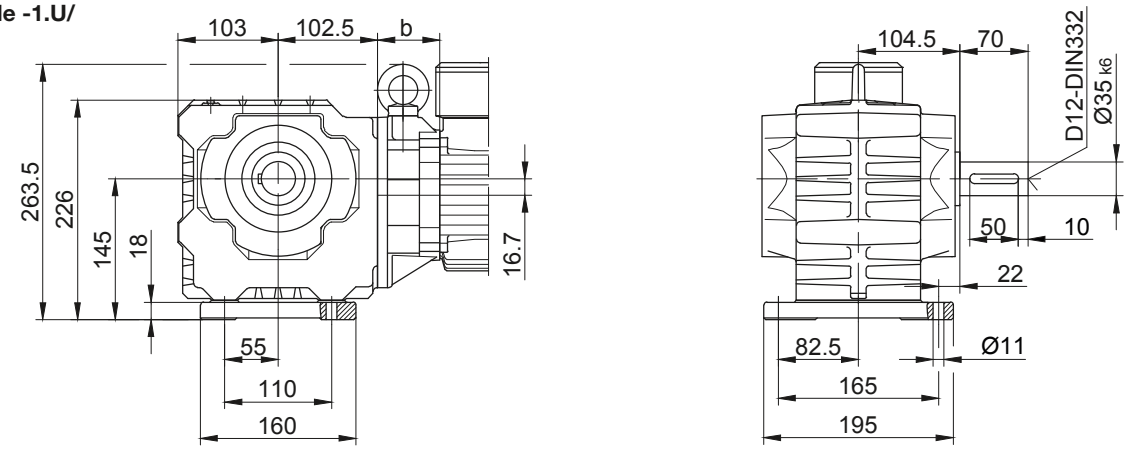
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

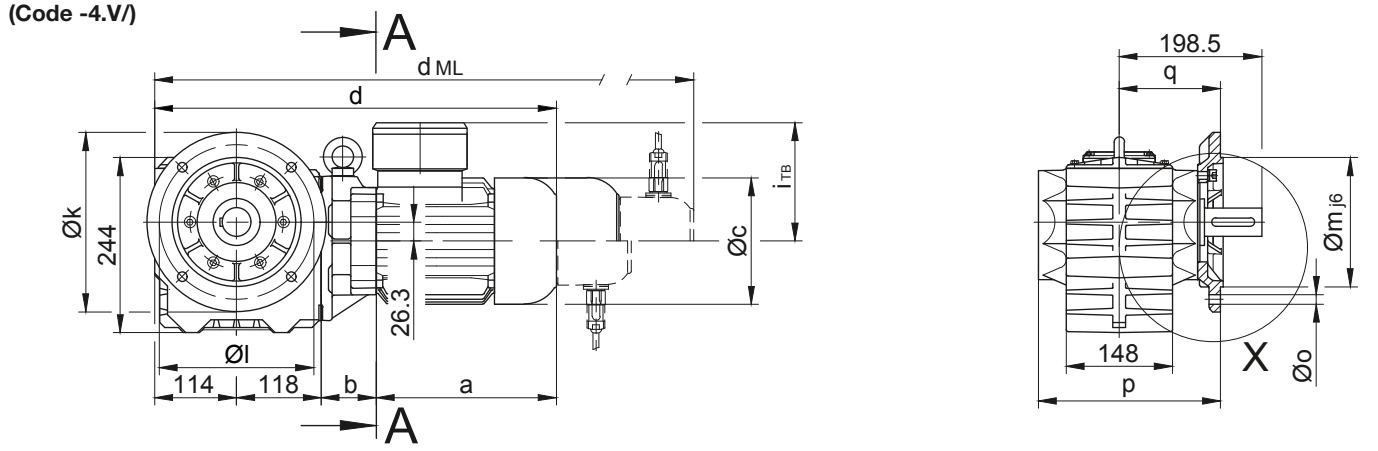
BS-series worm-geared motors

Dimension - Standard Metric

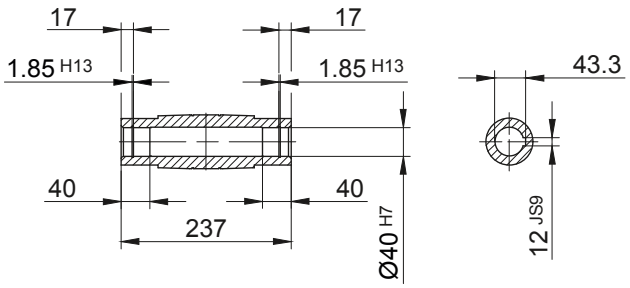
BS30 - BS30Z

Flange with clearance holes at front

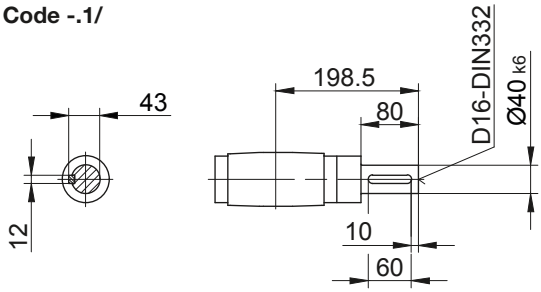
Code -3.V/
(Code -4.V/)

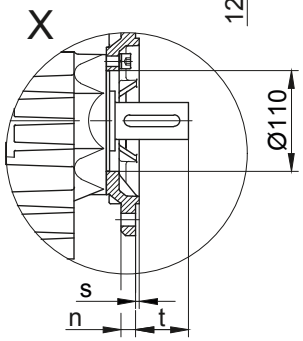


Code -.4/

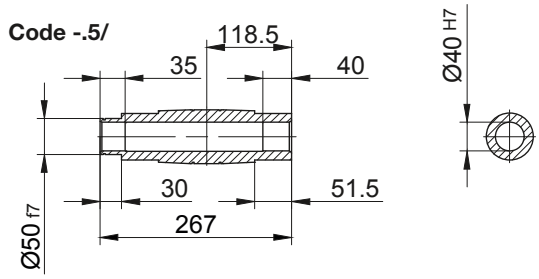


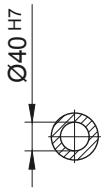
Code -.1/



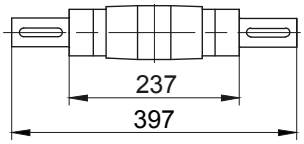


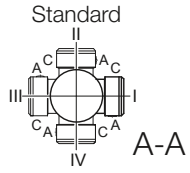
Code -.5/





Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS30..	Code -3.V/	250	215	180	16	13.5	253.5	141	4	57.5
BS30..	Code -4.V/	300	265	230	20	13.5	259.5	147	4	51.5
Dimensions in millimetres (mm)										

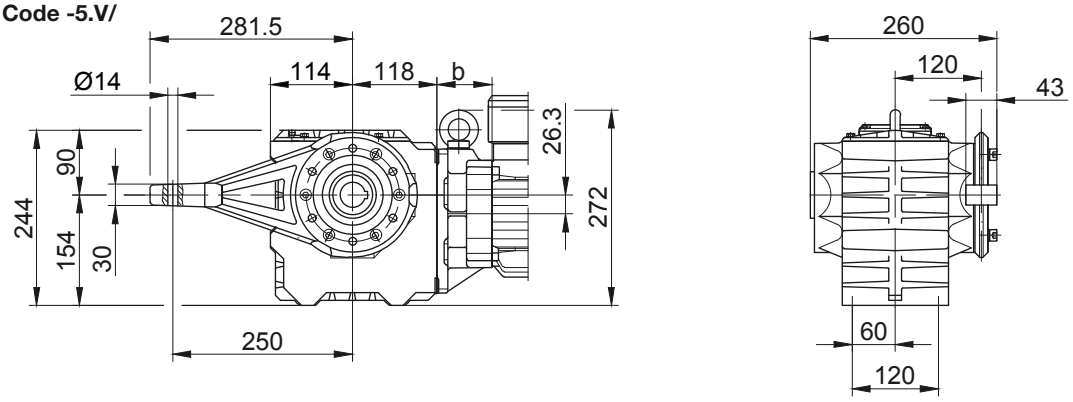
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS30-../D..05.A.	170.5	58	123	460.5	101,5	117	502.5	563	600.5	-
BS30Z-../D..05.A.	170.5	133.5	123	536	101,5	117	578	638.5	676	-
BS30-../D..06.A.	170.5	58	123	460.5	101,5	119	502.5	563	600.5	-
BS30Z-../D..06.A.	170.5	133.5	123	536	101,5	119	578	638.5	676	-
BS30-../D..07.A.	190.5	58	123	480.5	101,5	119	522.5	583	620.5	-
BS30Z-../D..07.A.	190.5	133.5	123	556	101,5	119	598	658.5	696	-
BS30-../D..08.A.	199.5	62	156	493.5	116	136.5	559.5	605.5	667	559.5
BS30Z-../D..08.A.	199.5	137.5	156	569	116	136.5	635	681	742.5	635
BS30-../D..08.B.	229.5	62	156	523.5	116	136.5	589.5	635.5	696.5	589.5
BS30Z-../D..08.B.	229.5	137.5	156	599	116	136.5	665	711	772	665
BS30-../D..09.A.	250.5	76.5	176	559	125,5	157	652	666.5	756	652
BS30Z-../D..09.A.	250.5	152	176	634.5	125,5	157	727.5	742	831.5	727.5
BS30-../D..09.B.	308.5	76.5	176	617	125,5	157	710	724	814	710
BS30Z-../D..09.B.	308.5	152	176	692.5	125,5	157	785.5	799.5	889.5	785.5
BS30-../D..11.A.	319	83	218	634	165	176	732	741.5	834	732
BS30-../D..11.B.	387	83	218	702	165	176	798	809.5	902	798
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS30 - BS30Z

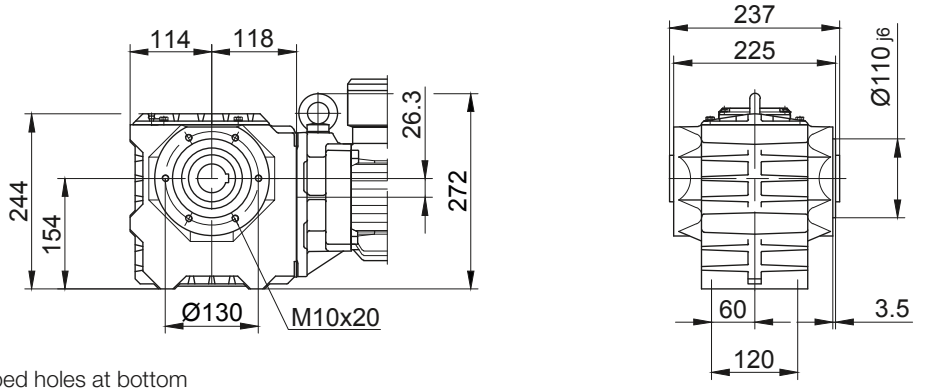
Torque arm at front

Code -5.V/



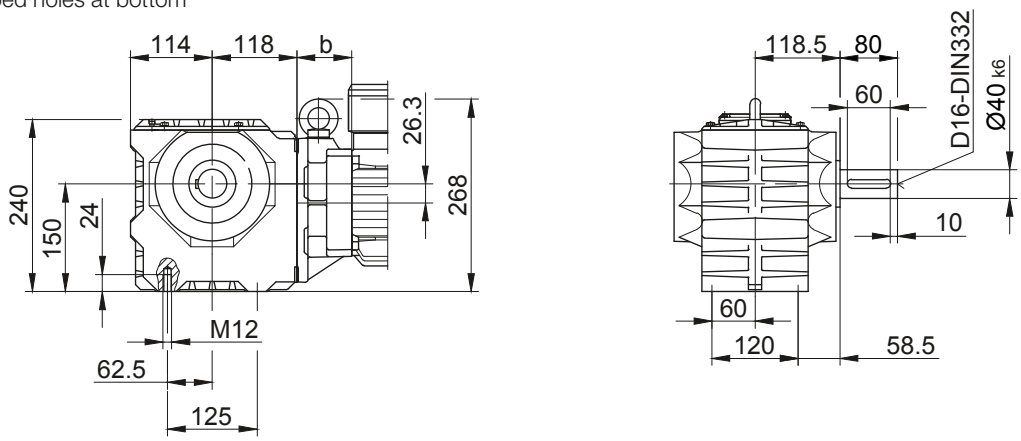
Foot with tapped holes at front

Code -7.V/



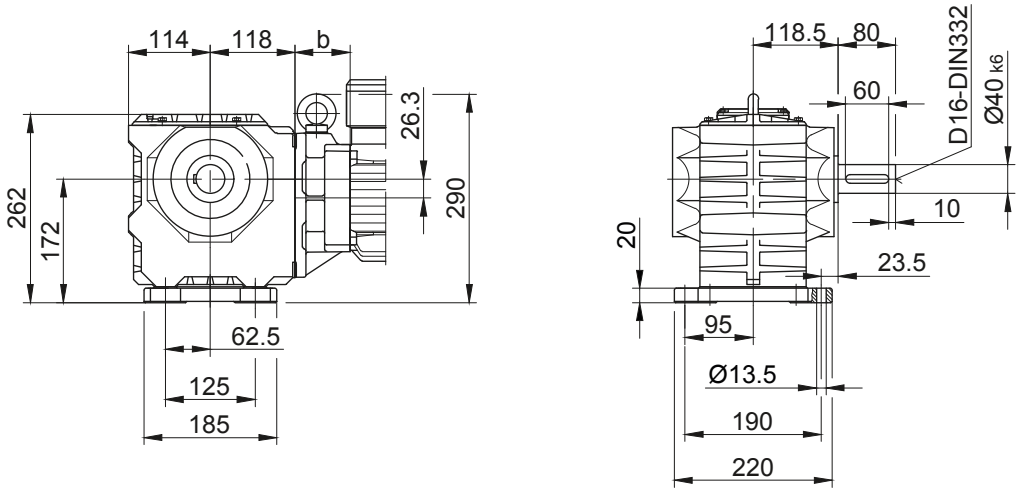
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

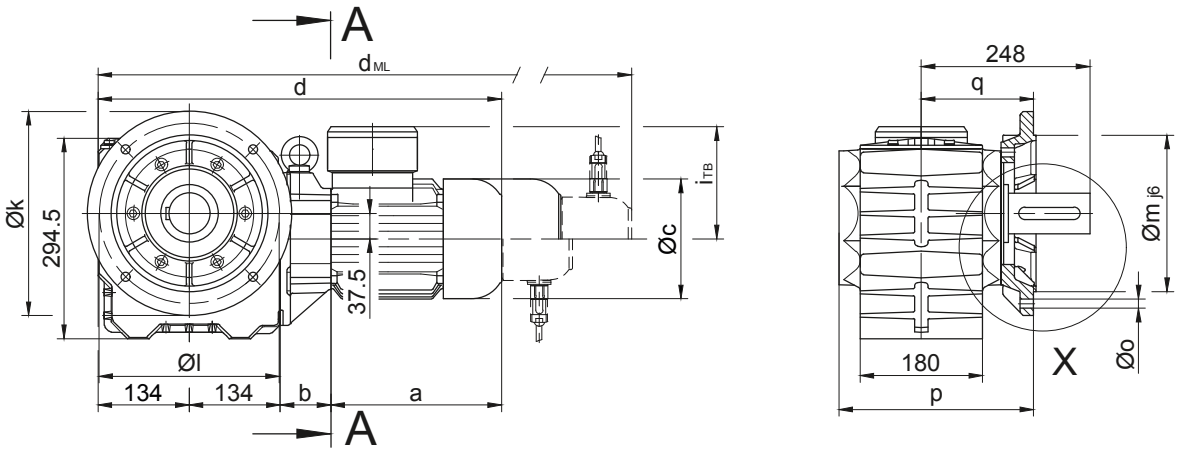
BS-series worm-geared motors

Dimension - Standard Metric

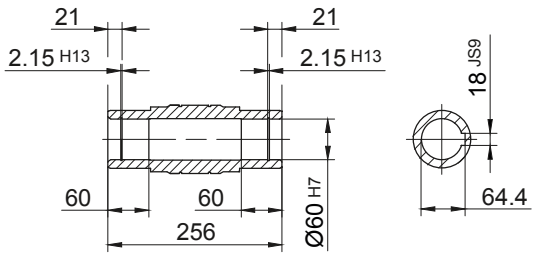
BS40 - BS40Z

Flange with clearance holes at front

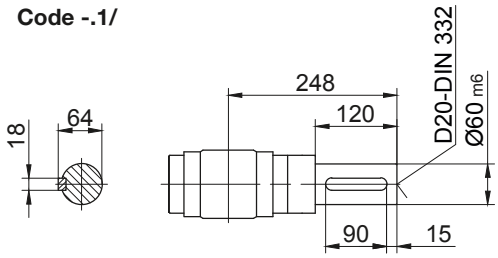
Code -3.V/

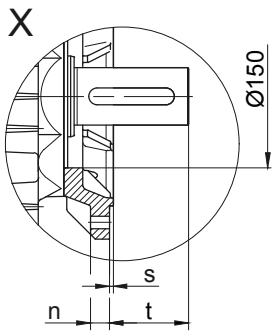


Code -.4/

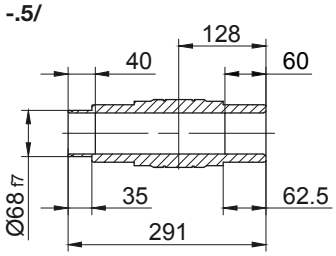


Code -.1/

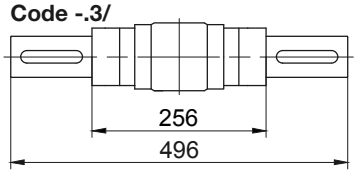


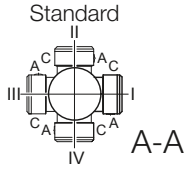


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS40..	Code -3.V/	300	265	230	20	13.5	286	165	4	83
Dimensions in millimetres (mm)										

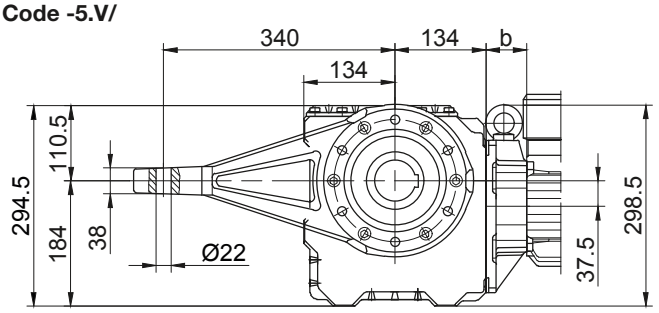
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS40Z-../D..05.A.	170.5	138.5	123	577	101,5	117	619	679.5	717	-
BS40Z-../D..06.A.	170.5	138.5	123	577	101,5	119	619	679.5	717	-
BS40Z-../D..07.A.	190.5	138.5	123	597	101,5	119	639	699.5	737	-
BS40-../D..08.A.	199.5	60	156	527.5	116	136.5	593.5	639.5	701	593.5
BS40Z-../D..08.A.	199.5	142.5	156	610	116	136.5	676	722	783.5	676
BS40-../D..08.B.	229.5	60	156	557.5	116	136.5	623.5	669.5	730.5	623.5
BS40Z-../D..08.B.	229.5	142.5	156	640	116	136.5	706	752	813	706
BS40-../D..09.A.	250.5	74.5	176	593	125,5	157	686	700.5	790	686
BS40Z-../D..09.A.	250.5	157	176	675.5	125,5	157	768.5	783	872.5	768.5
BS40-../D..09.B.	308.5	74.5	176	651	125,5	157	744	758	848	744
BS40Z-../D..09.B.	308.5	157	176	733.5	125,5	157	826.5	840.5	930.5	826.5
BS40-../D..11.A.	319	81	218	668	165	176	766	775.5	868	766
BS40-../D..11.B.	387	81	218	736	165	176	832	843.5	936	832
Dimensions in millimetres (mm)										

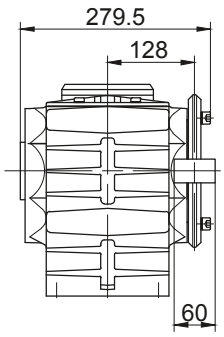
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS40 - BS40Z

Torque arm at front

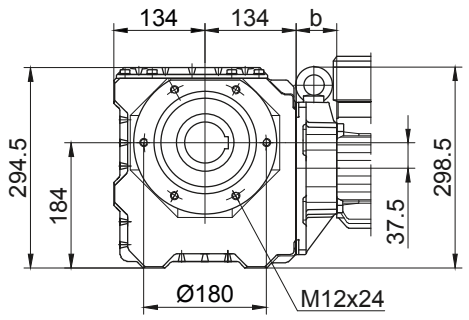
Code -5.V/

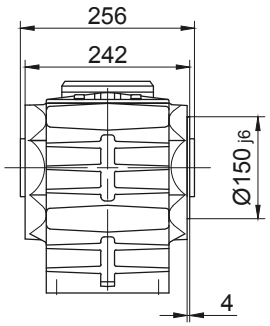




Foot with tapped holes at front

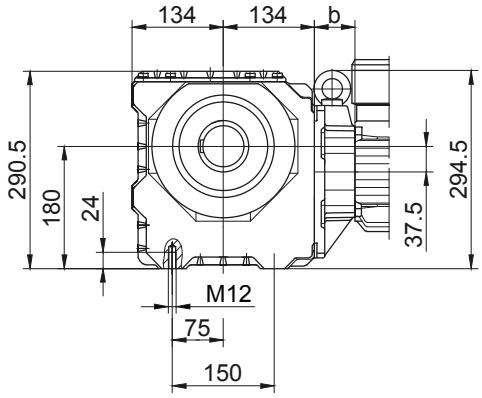
Code -7.V/

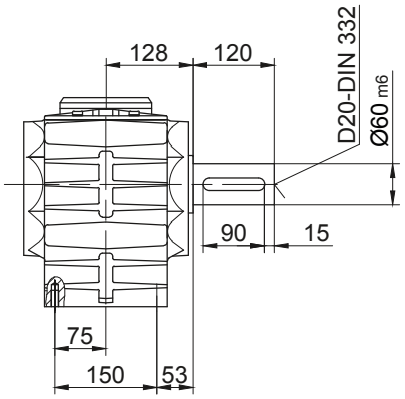




Foot with tapped holes at bottom

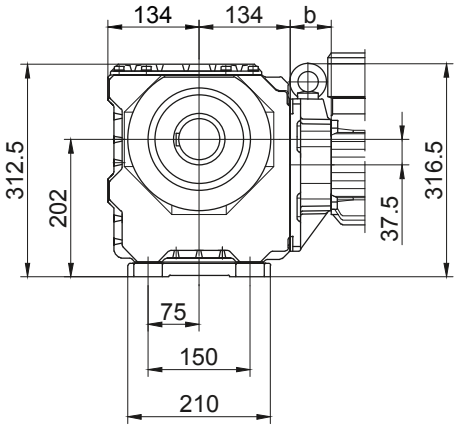
Code -6.U/

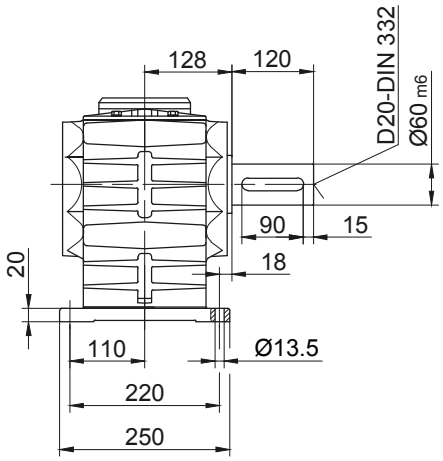




Foot with clearance holes at bottom

Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

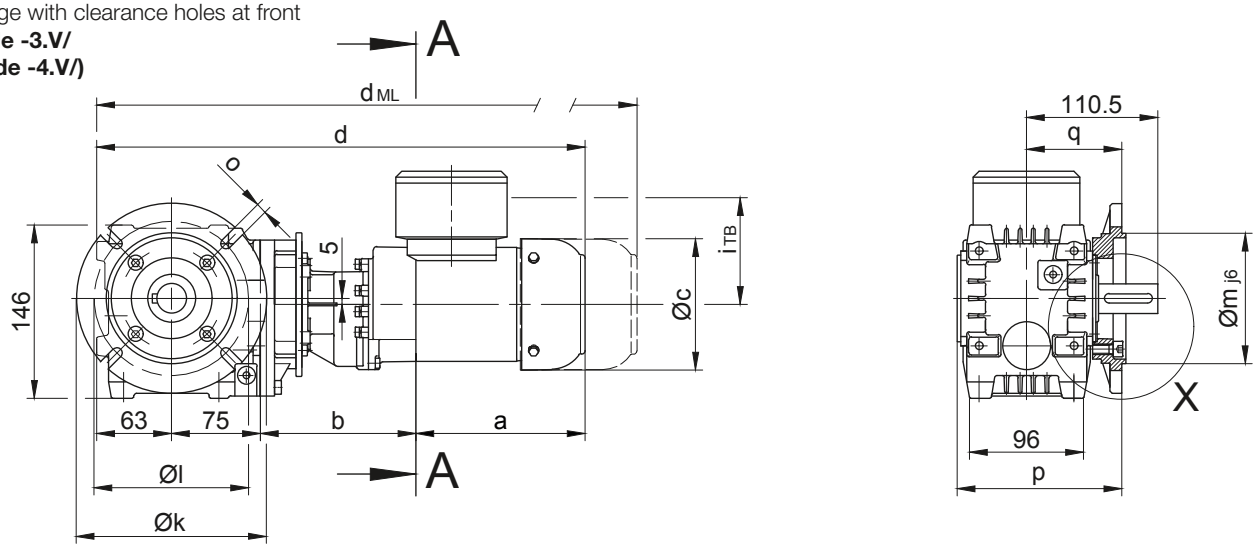
BS-series worm-geared motors

Dimension - Tandem Gearbox Metric

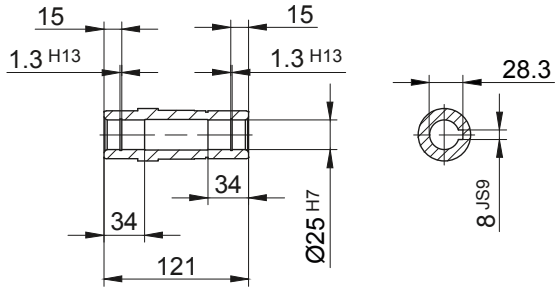
BS06G04

Flange with clearance holes at front

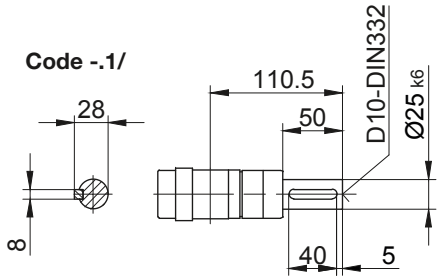
Code -3.V/
(Code -4.V/)

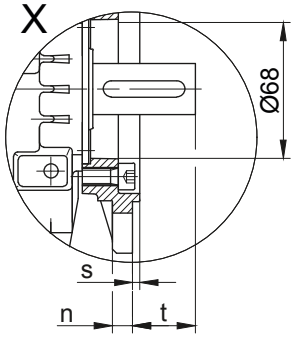


Code -.4/
Standard

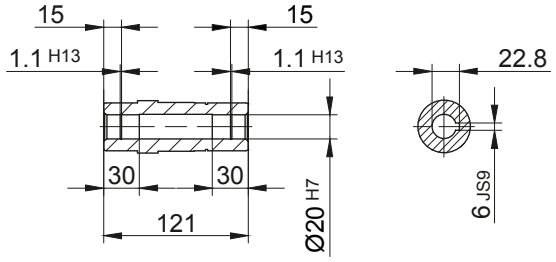


Code -.1/

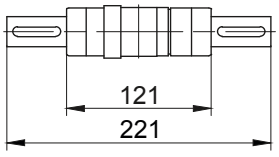




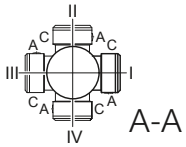
Code -.4/K20



Code -.3/



Standard



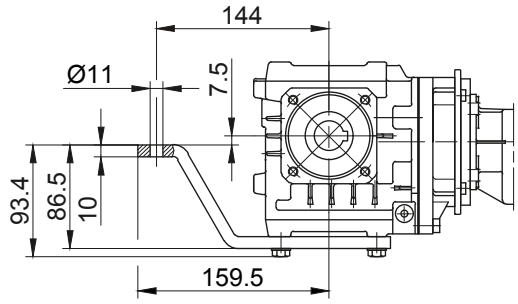
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS06..	Code -3.V/	140	115	95	10	9	138.3	80	3	30.5
BS06..	Code -4.V/	160	130	110	10	9	138.3	80	3.5	30.5
Dimensions in millimetres (mm										

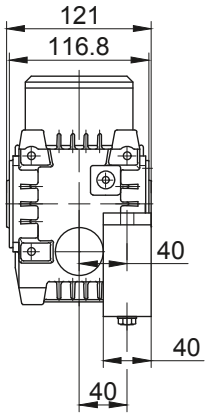
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS06G04-../D04.A.	142.5	131	110.5	411.5	90	112	455	499	542.5	-
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

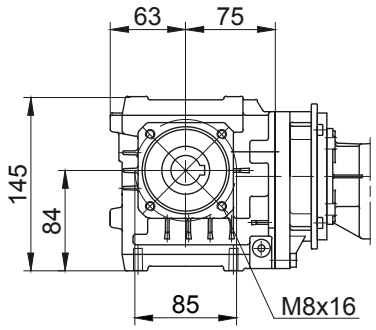
BS06G04

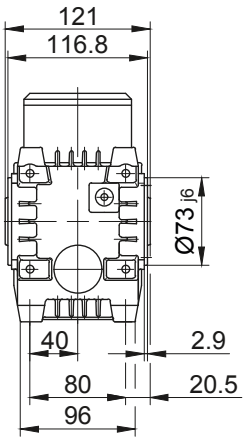
Torque arm at front
Code -5.V/



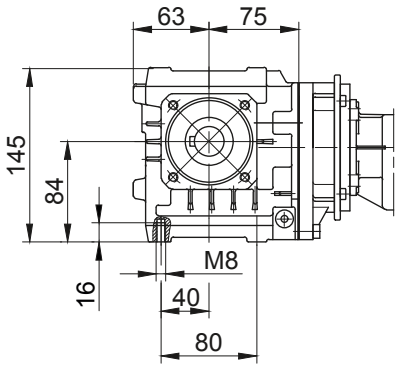


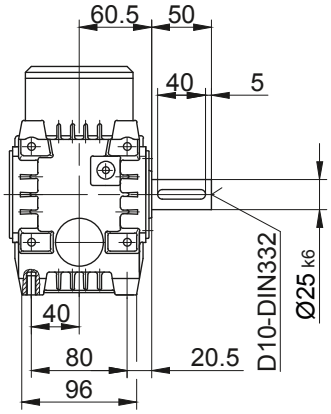
Flange with tapped holes at front
Code -7.V/



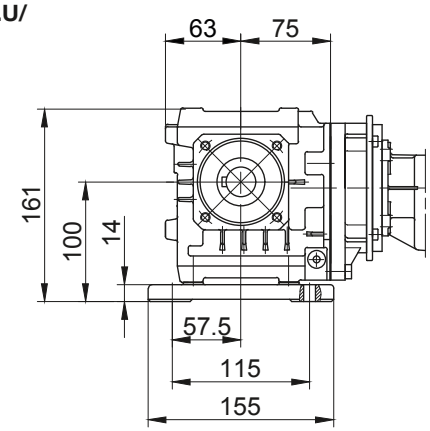


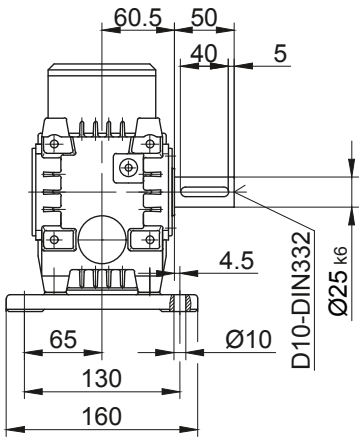
Foot with tapped holes at bottom
Code -6.U/





Foot with clearance holes at bottom
Code -1.U/





The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

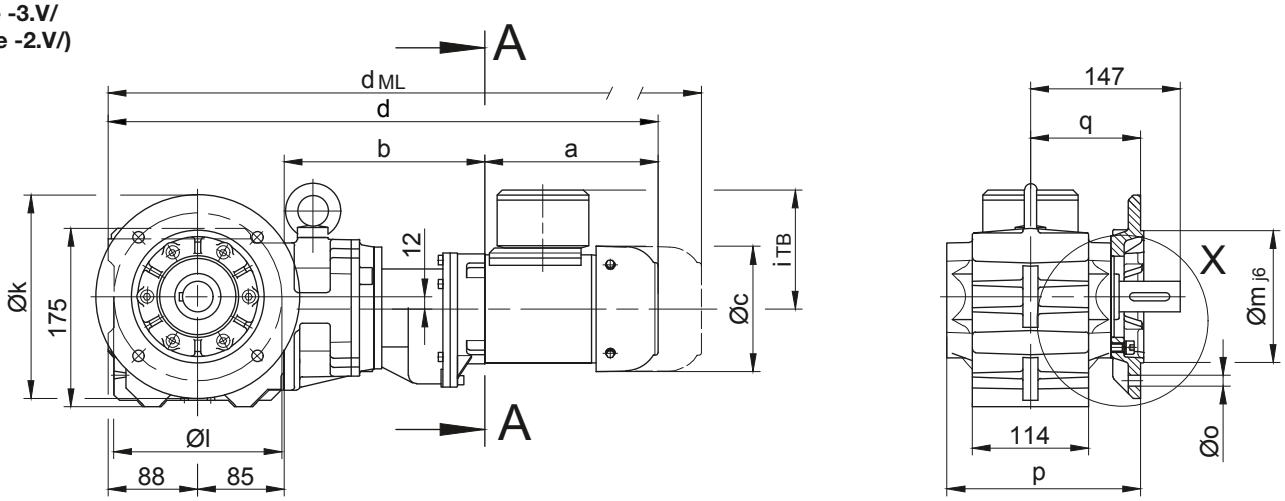
BS-series worm-geared motors

Dimension - Tandem Gearbox Metric

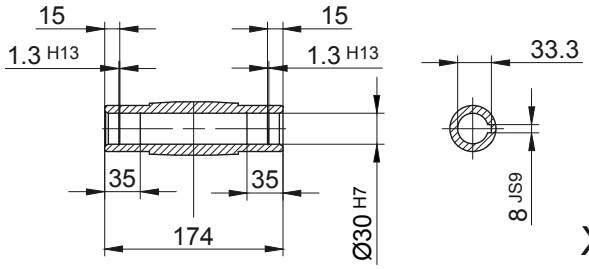
BS10G06

Flange with clearance holes at front

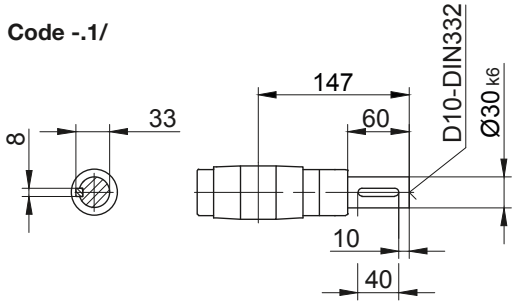
Code -3.V/
(Code -2.V/)



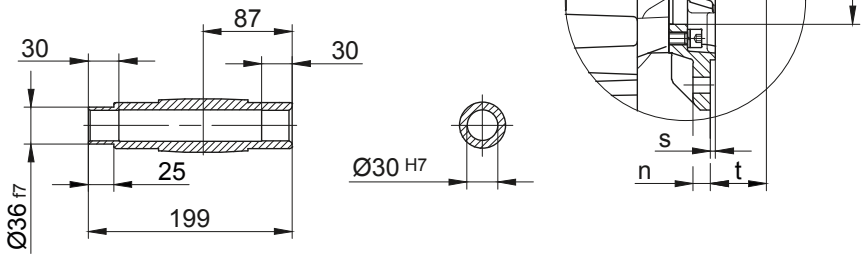
Code -.4/



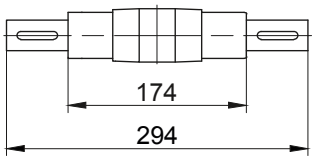
Code -.1/

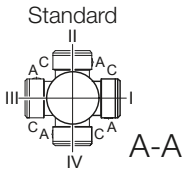


Code -.5/



Code -.3/





Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS10..	Code -3.V/	200	165	130	12	11	190	108	3.5	39
BS10..	Code -2.V/	160	130	110	10	9	183	101	3.5	46
Dimensions in millimetres (mm										

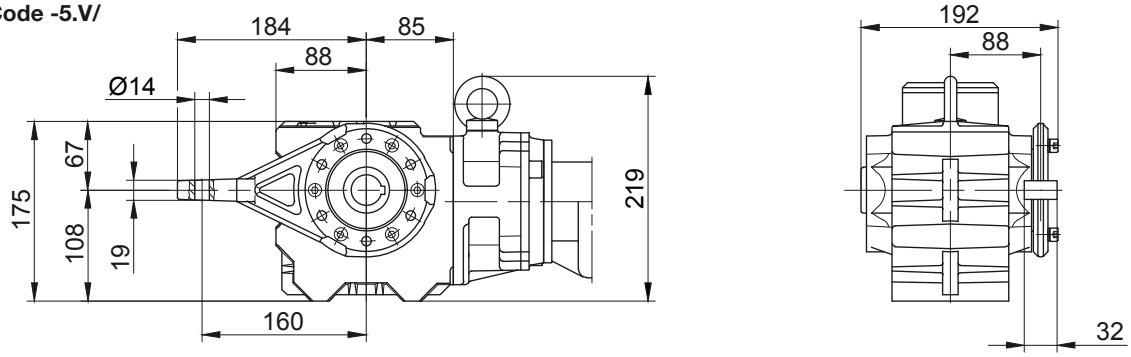
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS10G06-../D04.A.	142.5	195	110.5	510.5	90	112	554	598	641.5	-
BS10G06-../D..05.A.	170.5	197	123	540.5	101,5	117	582.5	643	680.5	-
BS10G06-../D..06.A.	170.5	197	123	540.5	101,5	119	582.5	643	680.5	-
BS10G06-../D..07.A.	190.5	197	123	560.5	101,5	119	602.5	663	700.5	-
BS10G06-../D..08.A.	199.5	241	156	613.5	116	136.5	679.5	725.5	787	679.5
BS10G06-../D..08.B.	229.5	241	156	643.5	116	136.5	709.5	755.5	816.5	709.5
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS10G06

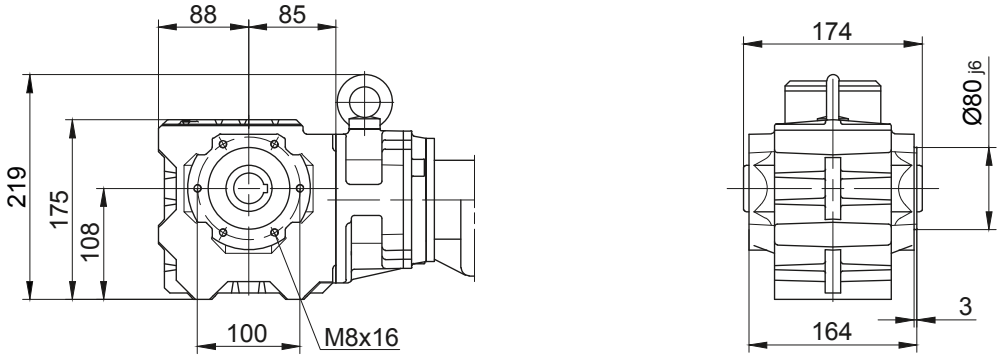
Torque arm at front

Code -5.V/



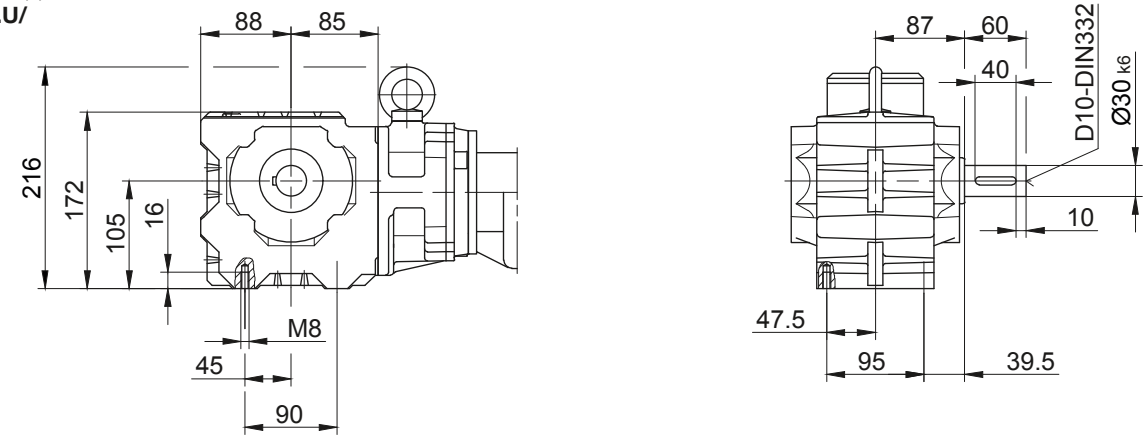
Flange with tapped holes at front

Code -7.V/



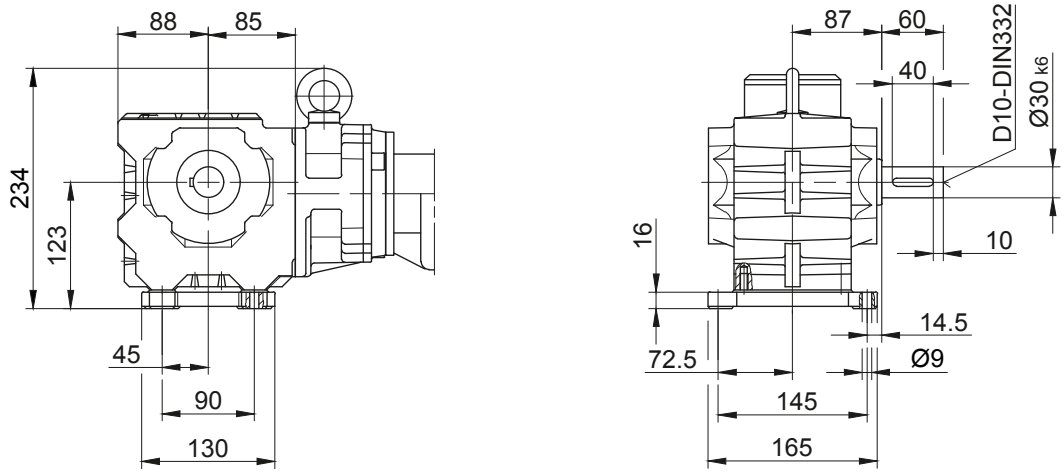
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

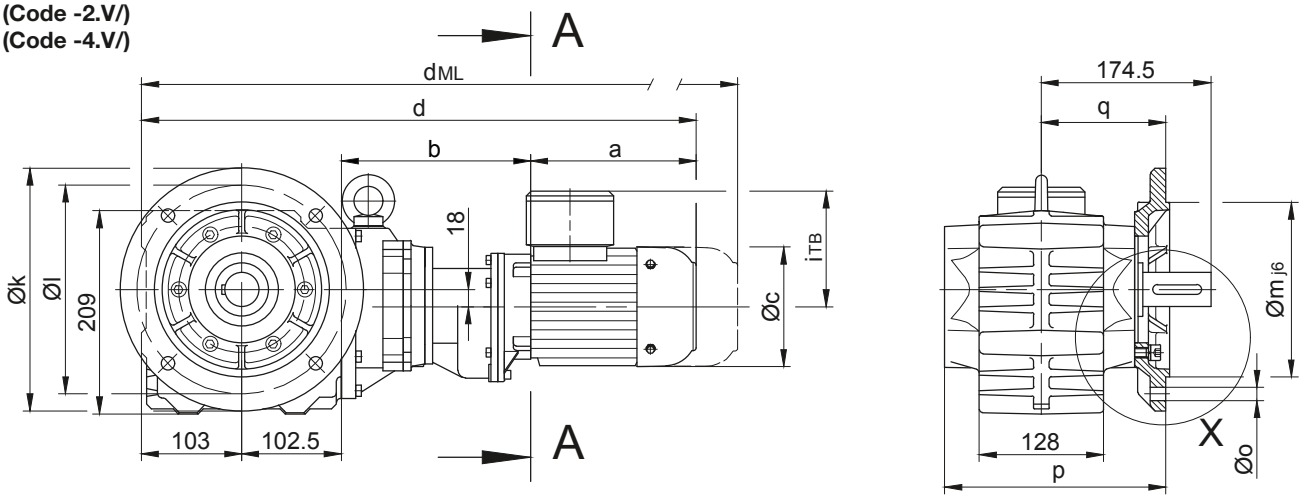
BS-series worm-geared motors

Dimension - Tandem Gearbox Metric

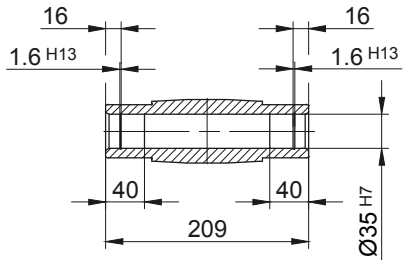
BS20G06

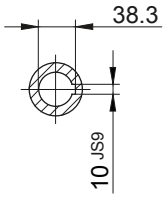
Flange with clearance holes at front

Code -3.V/
(Code -2.V/)
(Code -4.V/)

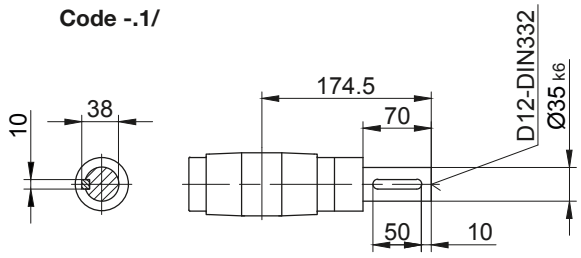


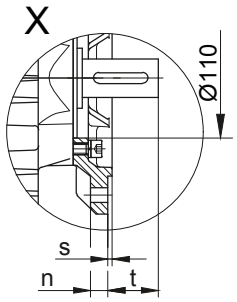
Code -.4/



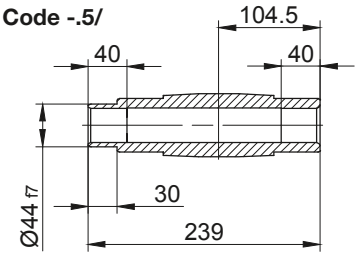


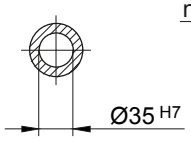
Code -.1/



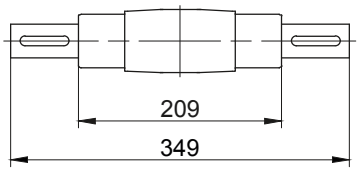


Code -.5/

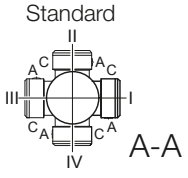




Code -.3/



Standard



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS20..	Code -3.V/	250	215	180	16	13.5	227.5	128	4	46.5
BS20..	Code -2.V/	200	165	130	12	11	224.5	125	3.5	49.5
BS20..	Code -4.V/	300	265	230	20	13.5	233.5	134	4	40.5
Dimensions in millimetres (mm										

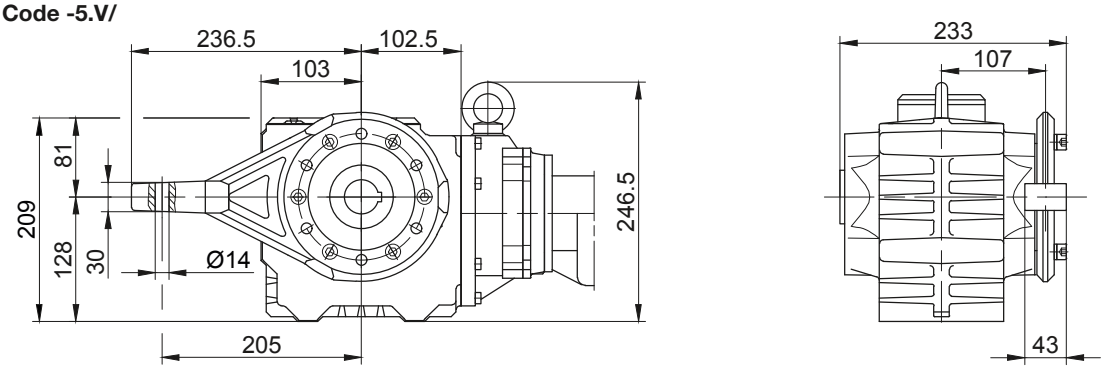
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS20G06-../D04.A.	142.5	193	110.5	541	90	112	584.5	628.5	672	-
BS20G06-../D..05.A.	170.5	195	123	571	101,5	117	613	673.5	711	-
BS20G06-../D..06.A.	170.5	195	123	571	101,5	119	613	673.5	711	-
BS20G06-../D..07.A.	190.5	195	123	591	101,5	119	633	693.5	731	-
BS20G06-../D..08.A.	199.5	239	156	644	116	136.5	710	756	817.5	710
BS20G06-../D..08.B.	229.5	239	156	674	116	136.5	740	786	847	740
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS20G06

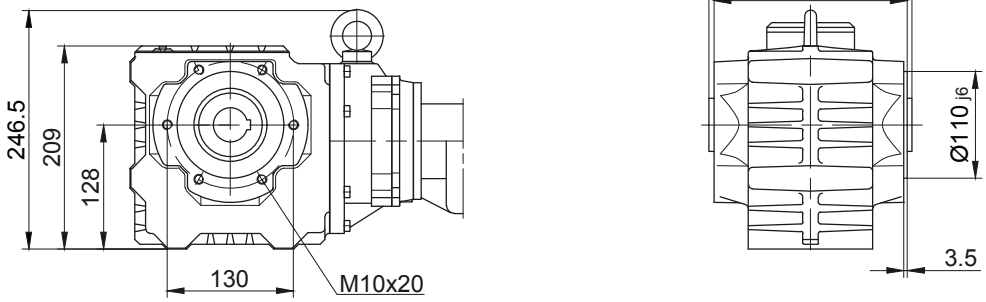
Torque arm at front

Code -5.V/



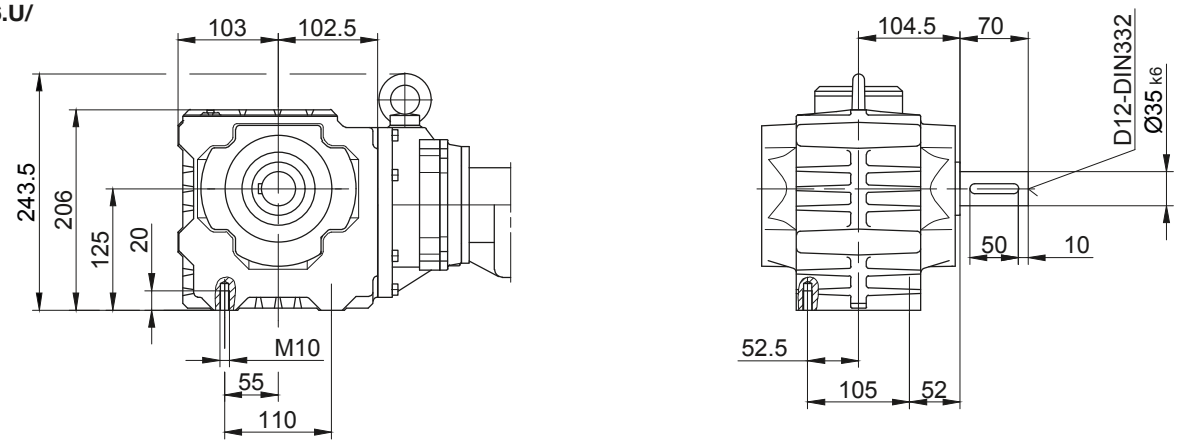
Flange with tapped holes at front

Code -7.V/



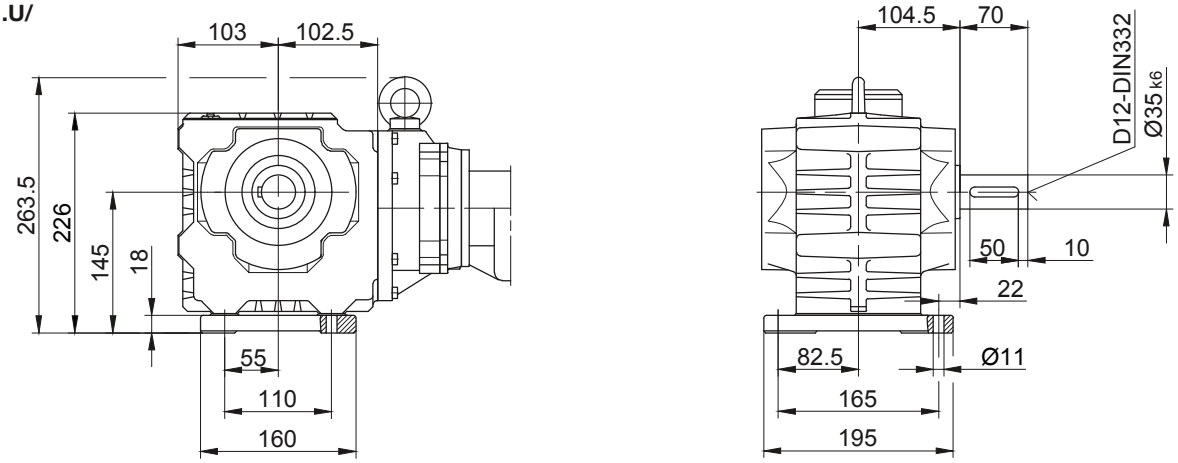
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

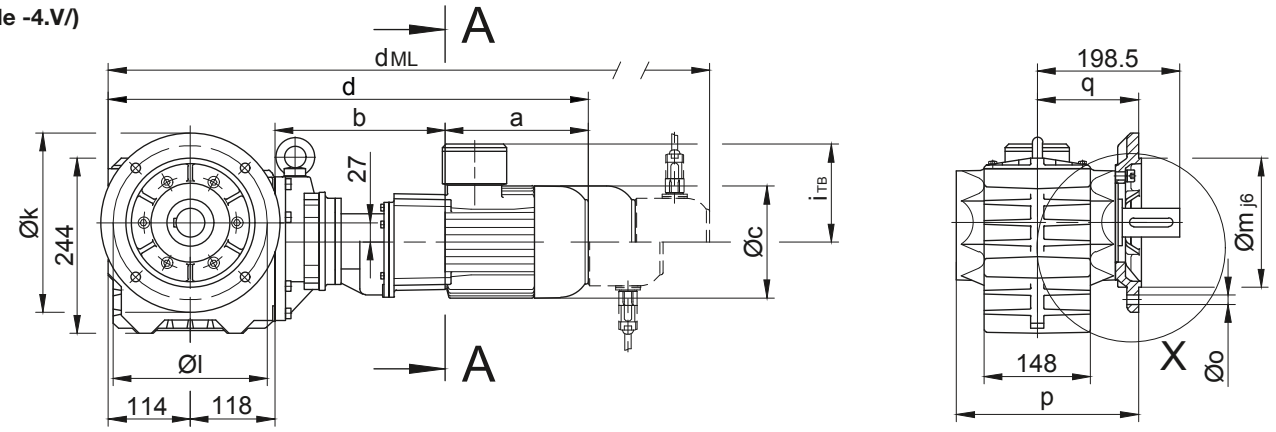
BS-series worm-geared motors

Dimension - Tandem Gearbox Metric

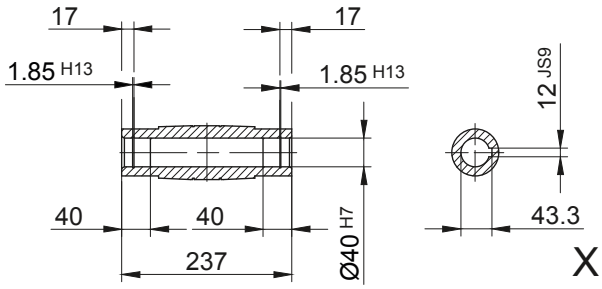
BS30G06

Flange with clearance holes at front

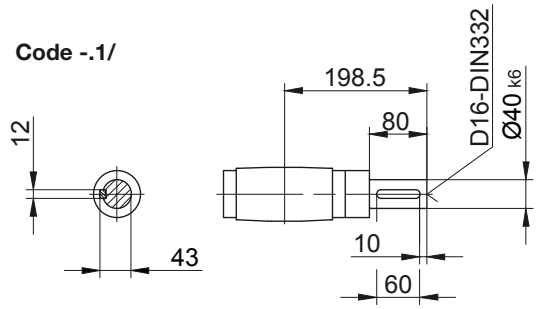
Code -3.V/
(Code -4.V/)

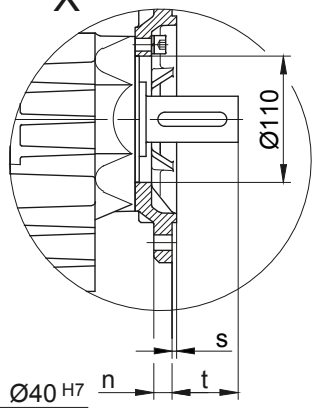


Code -.4/

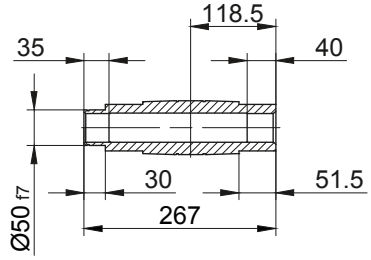


Code -.1/

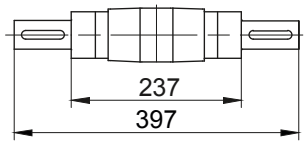




Code -.5/

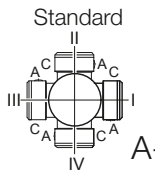


Code -.3/



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS30..	Code -3.V/	250	215	180	16	13.5	253.5	141	4	57.5
BS30..	Code -4.V/	300	265	230	20	13.5	259.5	147	4	51.5
Dimensions in millimetres (mm										

Standard

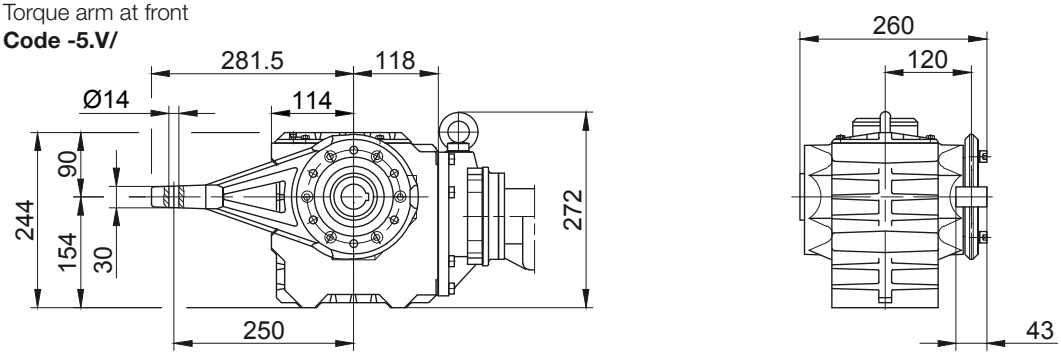


Type	a	b	c	d	i	Design with motor extensions				
						iTB	Brake	Encoder	Brake with Encoder	Back Stop
							dML	dML	dML	dML
BS30G06-../D04.A.	142.5	191	110.5	565.5	90	112	609	653	696.5	-
BS30G06-../D..05.A.	170.5	193	123	595.5	101,5	117	637.5	698	735.5	-
BS30G06-../D..06.A.	170.5	193	123	595.5	101,5	119	637.5	698	735.5	-
BS30G06-../D..07.A.	190.5	193	123	615.5	101,5	119	657.5	718	755.5	-
BS30G06-../D..08.A.	199.5	237	156	668.5	116	136.5	734.5	780.5	842	734.5
BS30G06-../D..08.B.	229.5	237	156	698.5	116	136.5	764.5	810.5	871.5	764.5
Dimensions in millimetres (mm)										

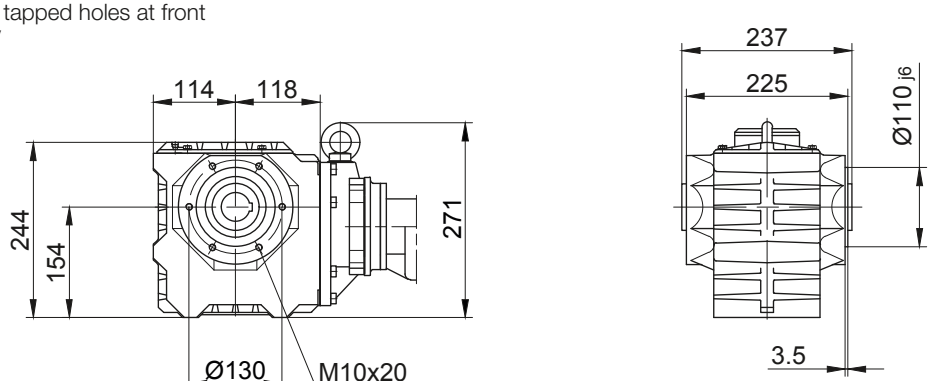
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS30G06

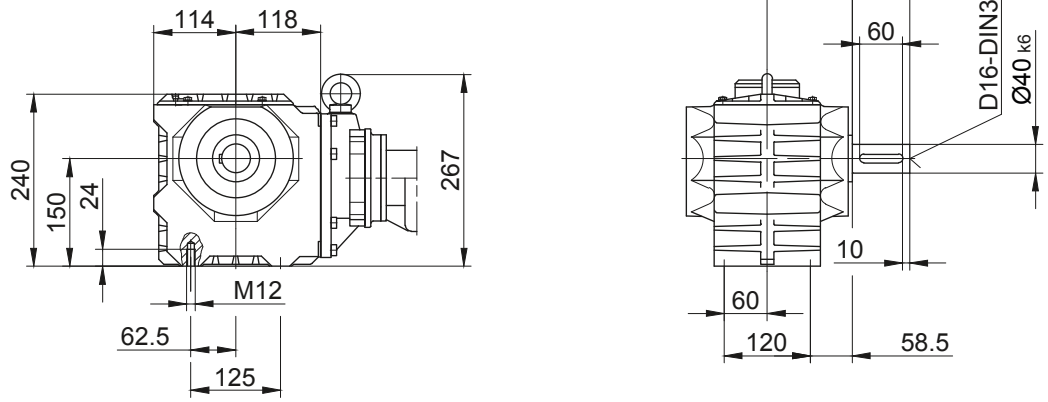
Torque arm at front
Code -5.V/



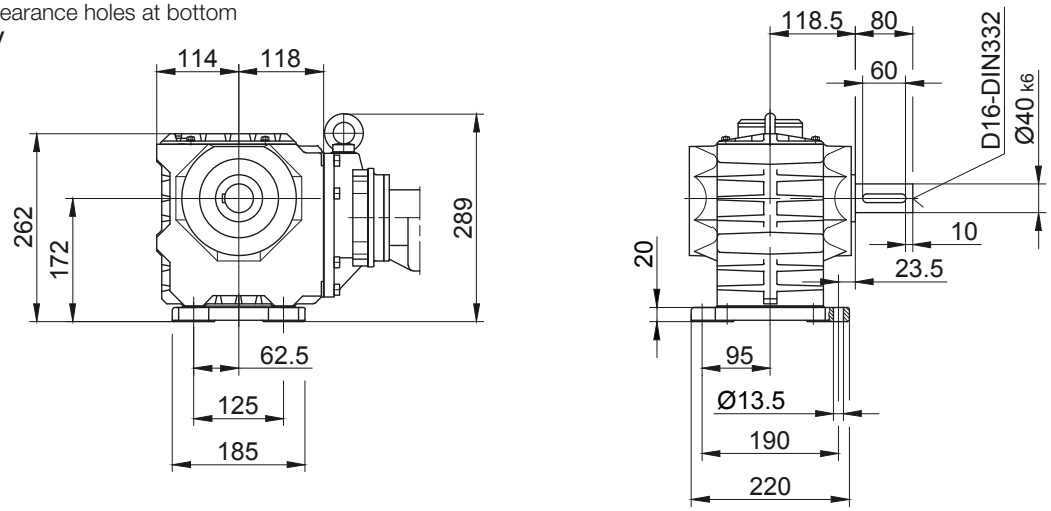
Flange with tapped holes at front
Code -7.V/



Foot with tapped holes at bottom
Code -6.U/



Foot with clearance holes at bottom
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

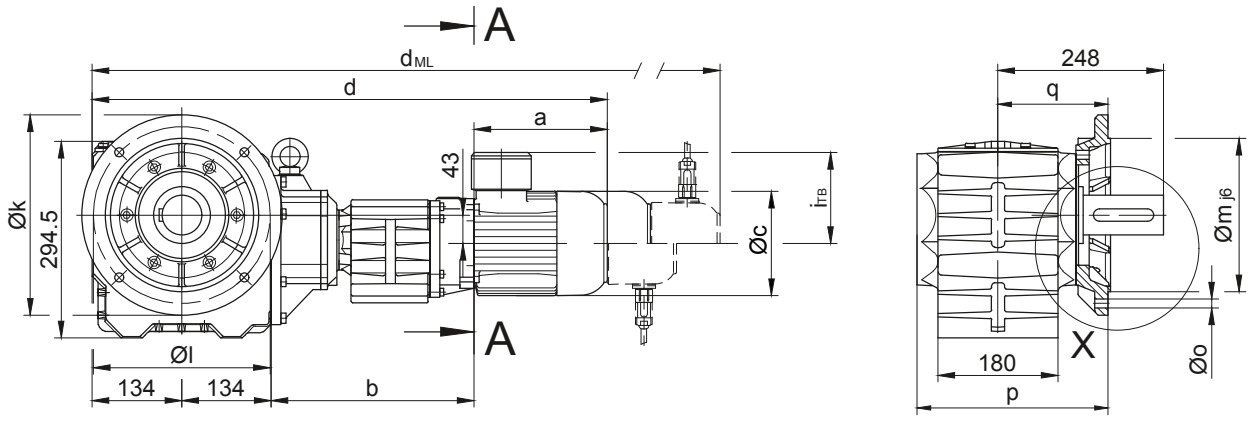
BS-series worm-geared motors

Dimension - Tandem Gearbox Metric

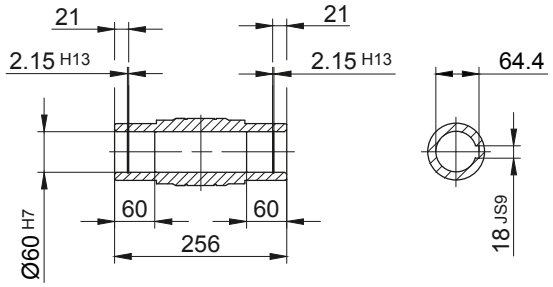
BS40G10

Flange with clearance holes at front

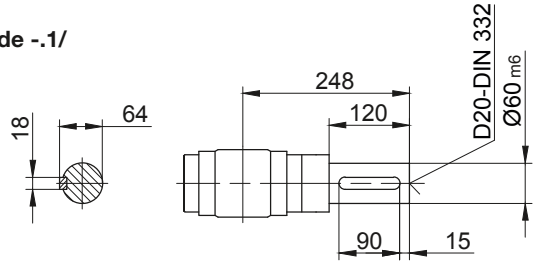
Code -3.V/

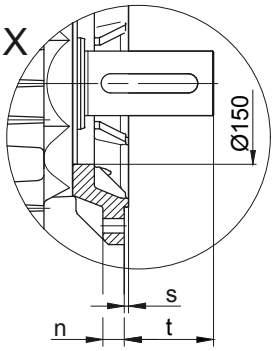


Code -.4/

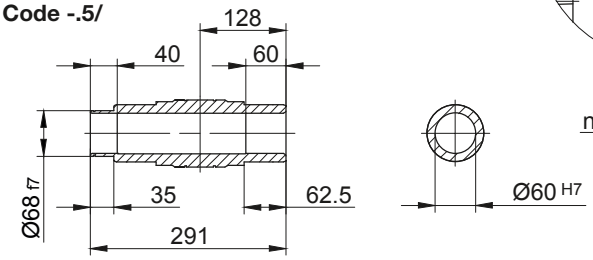


Code -.1/

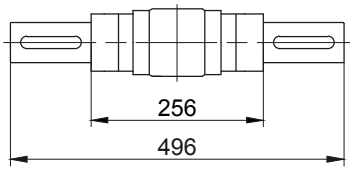




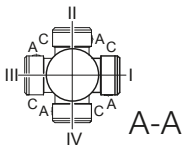
Code -.5/



Code -.3/



Standard



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BS40..	Code -3.V/	300	265	230	20	13.5	286	165	4	83
Dimensions in millimetres (mm										

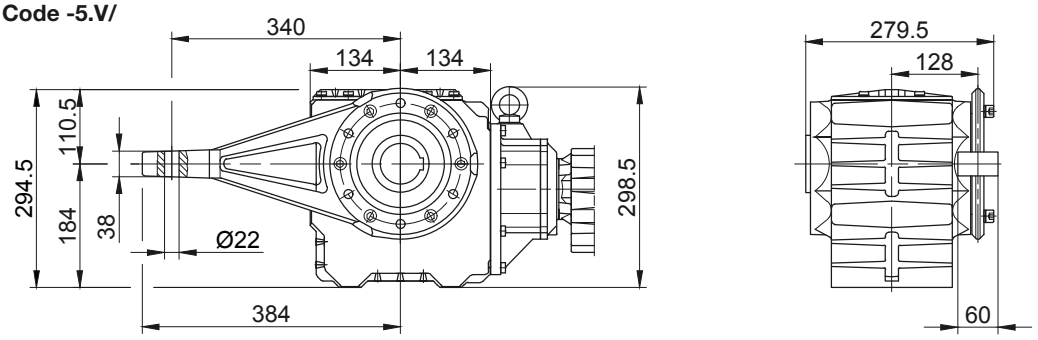
Type	a	b	c	d	i	Design with motor extensions				
						i_{TB}	Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BS40G10-../D..05.A.	170.5	300	123	738.5	101,5	117	780.5	841	878.5	-
BS40G10-../D..06.A.	170.5	300	123	738.5	101,5	119	780.5	841	878.5	-
BS40G10-../D..07.A.	190.5	300	123	758.5	101,5	119	800.5	861	898.5	-
BS40G10-../D..08.A.	199.5	304	156	771.5	116	136.5	837.5	883.5	945	837.5
BS40G10-../D..08.B.	229.5	304	156	801.5	116	136.5	867.5	913.5	974.5	867.5
BS40G10-../D..09.A.	250.5	318.5	176	837	125,5	157	930	944.5	1034	930
BS40G10-../D..09.B.	308.5	318.5	176	895	125,5	157	988	1002	1092	988
Dimensions in millimetres (mm)										

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS40G10

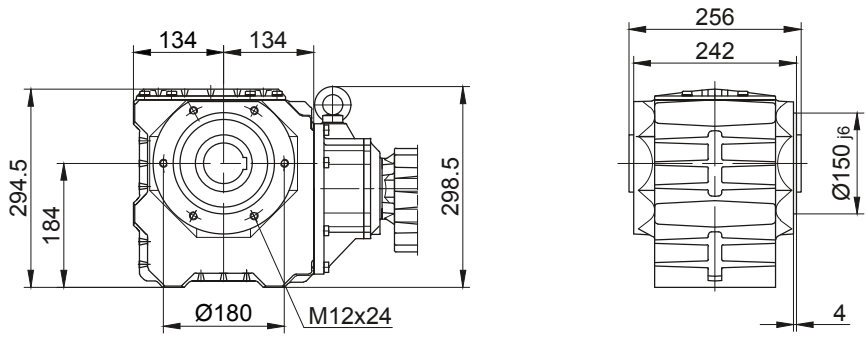
Torque arm at front

Code -5.V/



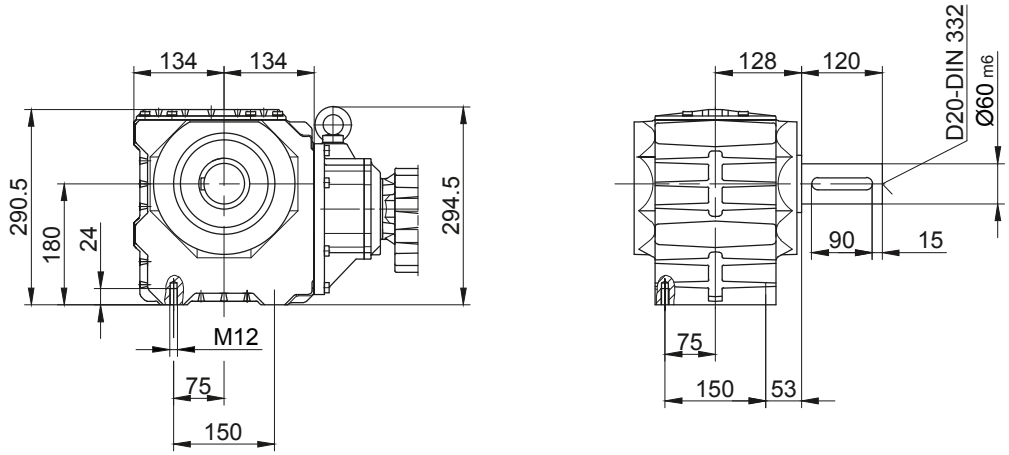
Flange with tapped holes at front

Code -7.V/



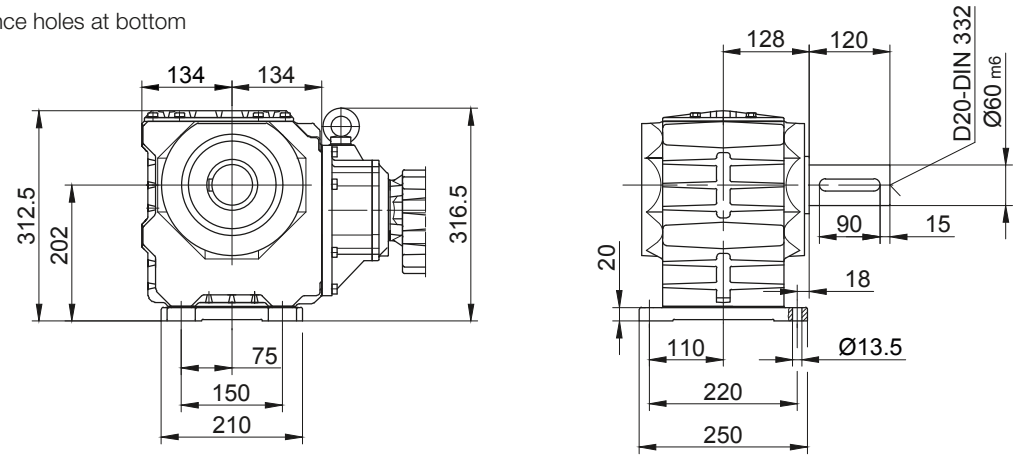
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

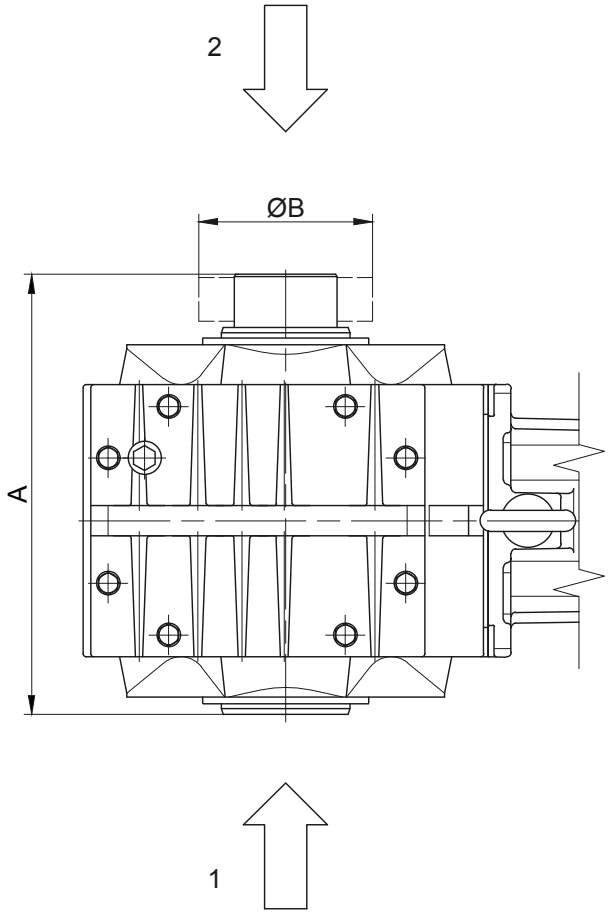
Code -1.U/



The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shrink disc coupling (SSV)

(Code BS10Z-.5/...)



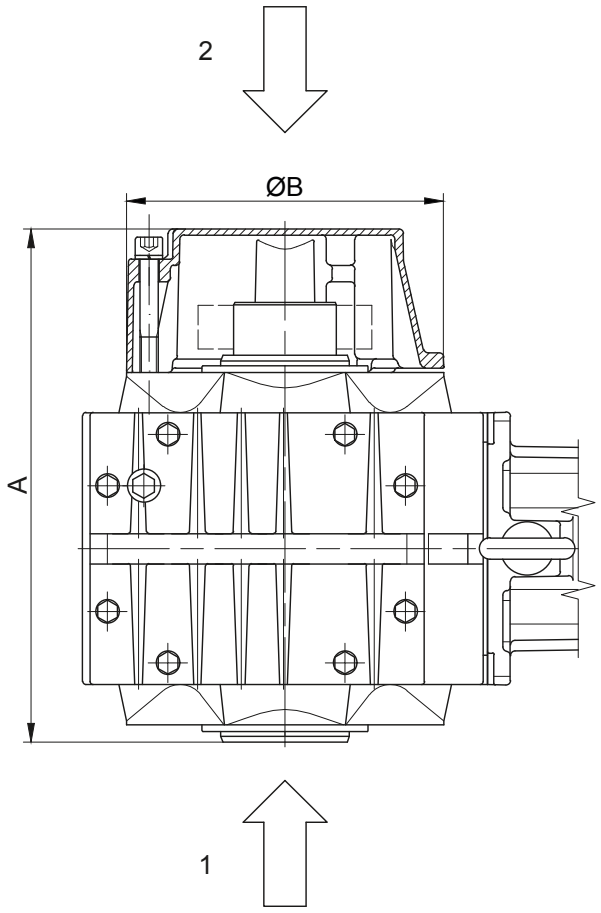
1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	SSV Ringfeder	SSV STÜWE	A	B
BS10	RfN 4161 036x072	HSD 36-22x36	199	72
BS20	RfN 4161 044x080	HSD 44-22x44	239	80
BS30	RfN 4161 050x090	HSD 50-22x50	267	90
BS40	RfN 4161 062x110	HSD 68-22x68	291	115
Dimensions in millimetres (mm)				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Shrink disc coupling with (SSV) cover

(Code BS10-.5A/...)



1 Gear side FRONT (V)
2 Gear side REAR (H)

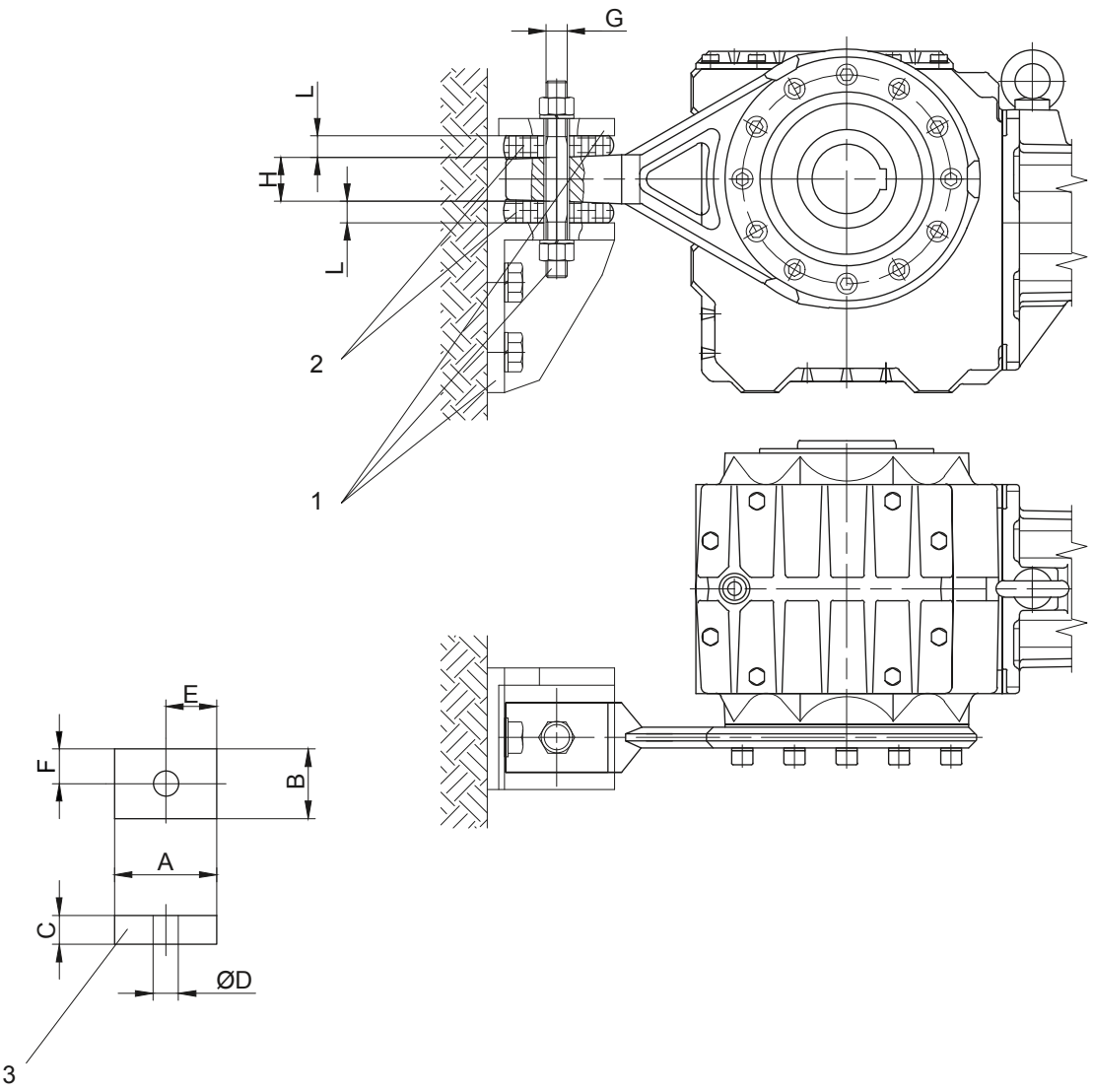
Type	SSV Ringfeder	SSV STÜWE	A	B
BS10	RfN 4161 036x072	HSD 36-22x36	221	120
BS20	RfN 4161 044x080	HSD 44-22x44	286	160
BS30	RfN 4161 050x090	HSD 50-22x50	313	160
BS40	RfN 4161 062x110	HSD 68-22x68	340	210
Dimensions in millimetres (mm)				

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS-series worm-geared motors

Additional Dimension Sheet Metric

Rubber buffer for torque arm



1 not included in delivery
2 Rubber buffers pretensioned
3 Rubber buffer - only for BS03-BS40
G maximaler Schraubendurchmesser

Material: Natural rubber
Hardness 50 +/-5 Shore A

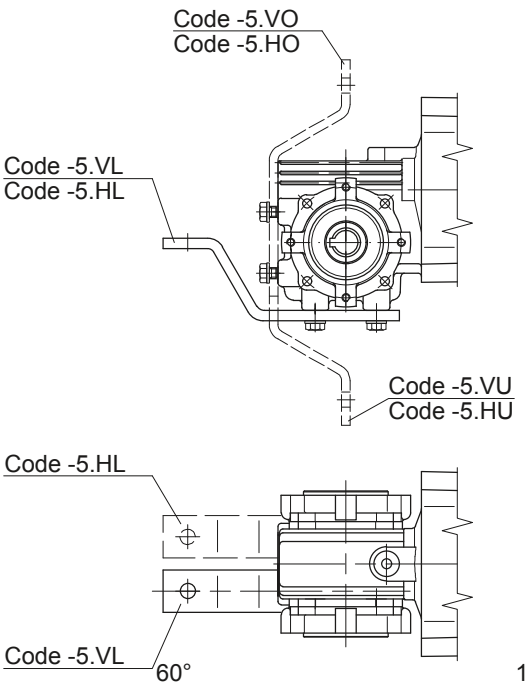
Dimensions of the transverse hole:
see dimensioned sketch of the respective shaft mounted gearbox

Gear	Position	A	B	C	D	E	F	G	H	L
BS02	-	-	-	-	-	-	-	M8	6	-
BS03	0	30	30	12	12	15	15	M8	10	10.5
BS04	0	30	30	12	12	15	15	M8	10	10.5
BS06	0	30	30	12	12	15	15	M10	10	10
BS10	1	48	32	15	14	24	16	M10	19	13
BS20	2	63	43	20	14	31.5	21.5	M10	30	17.5
BS30	2	63	43	20	14	31.5	21.5	M10	30	17
BS40	3	88	60	25	22	44	30	M18	38	22
Dimensions in millimetres (mm)										

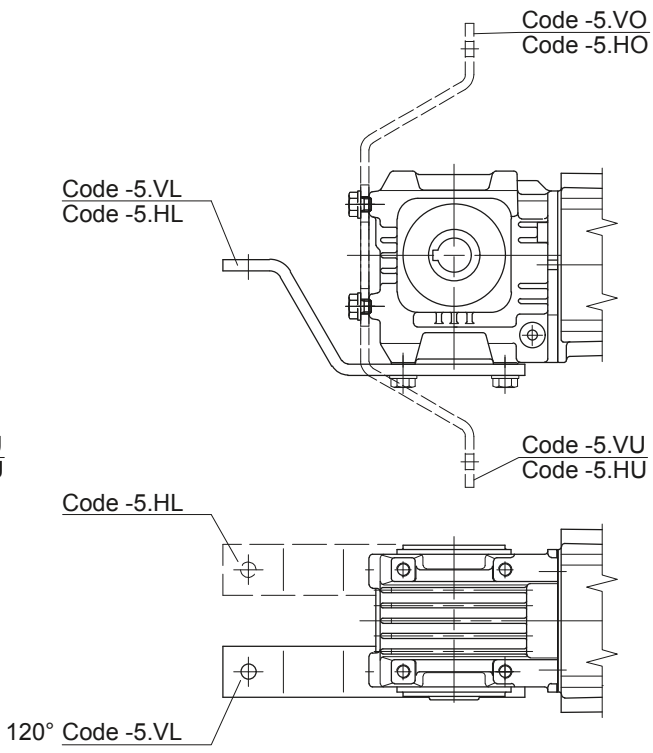
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Position of the torque arm

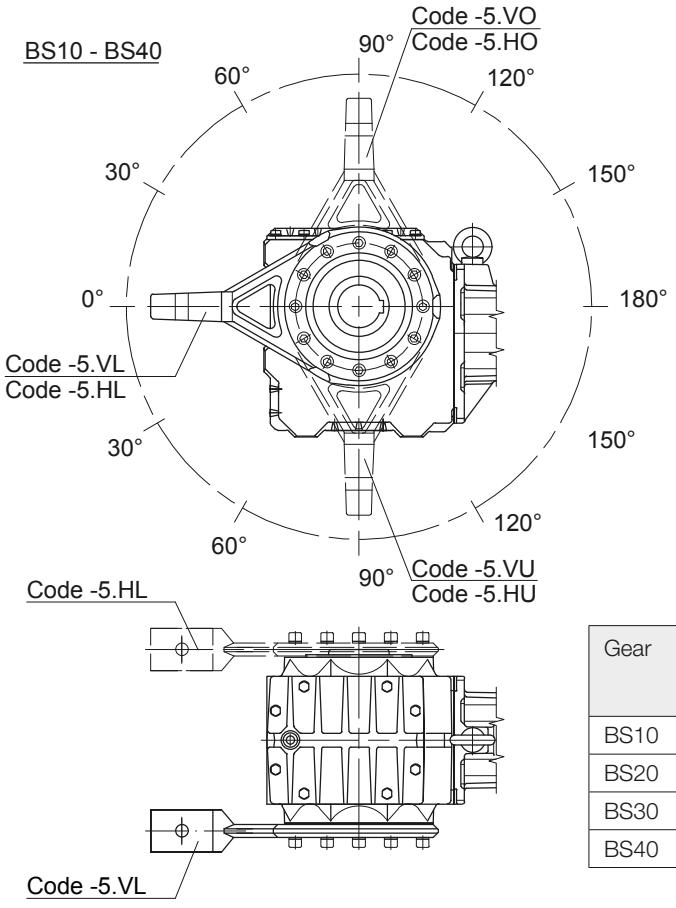
BS02 / BS03



BS04 / BS06



BS10 - BS40



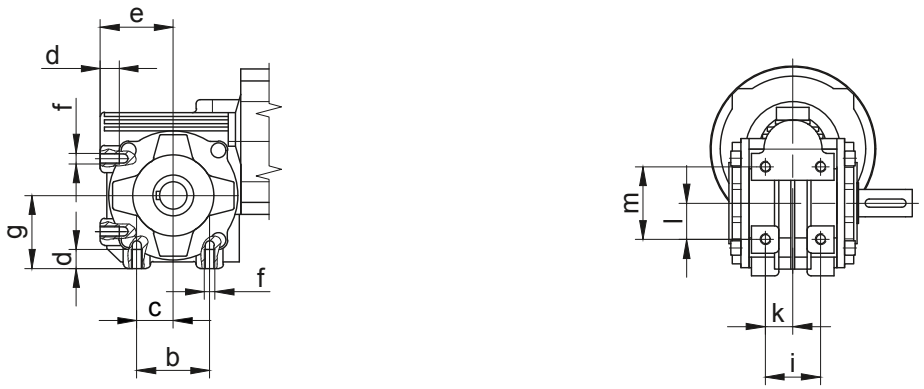
Gear	Position						
	VL/HL	VO/HO/VU/HU					VR/HR
BS10	0°	30°	60°	90°	120°	150°	-
BS20	0°	30°	60°	90°	120°	150°	-
BS30	0°	30°	60°	90°	120°	150°	-
BS40	0°	30°	60°	90°	120°	150°	-

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

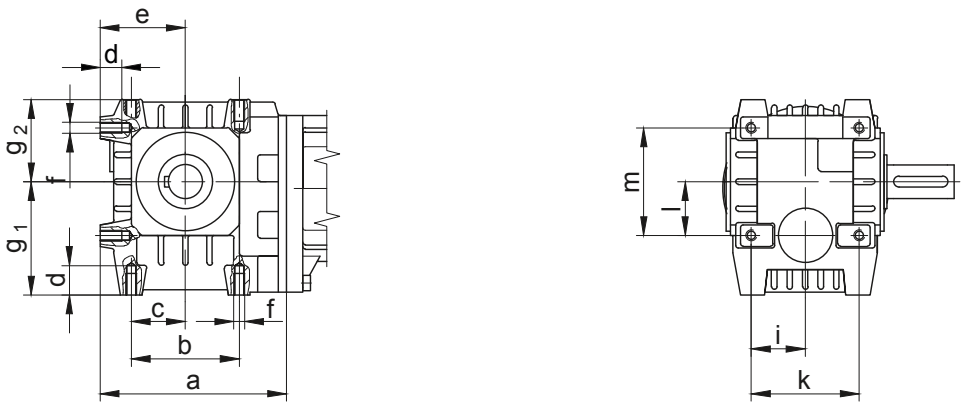
BS-series worm-geared motors

Additional Dimension Sheet Metric

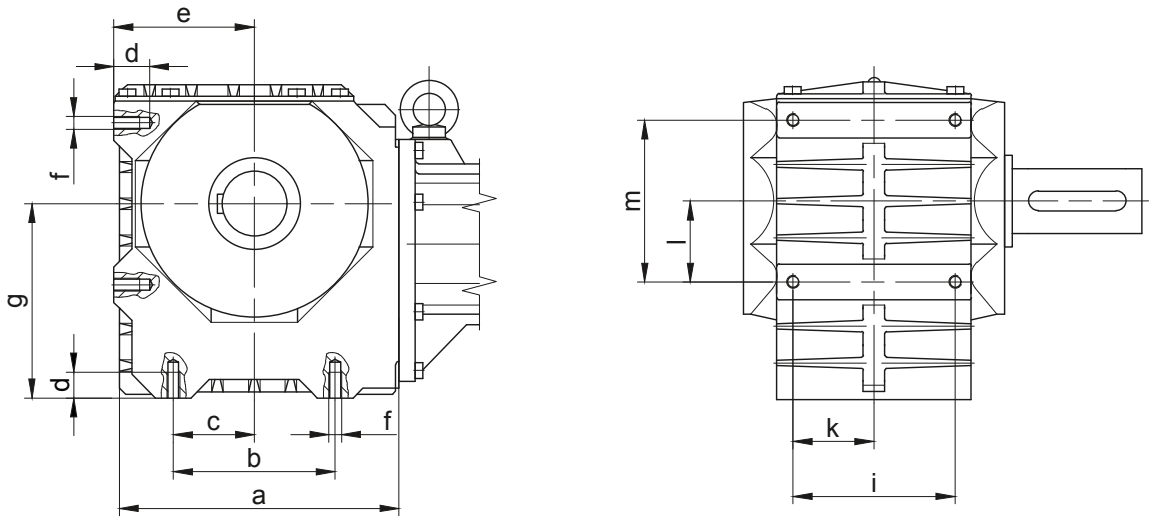
Threaded foot



Type	a	b	c	d	e	f	g	-	i	k	l	m
BS02	-	36	18	10	40	M6	40	-	32	16	18	36
BS03	-	54	27	14	54	M8	54	-	41	20.5	27	54



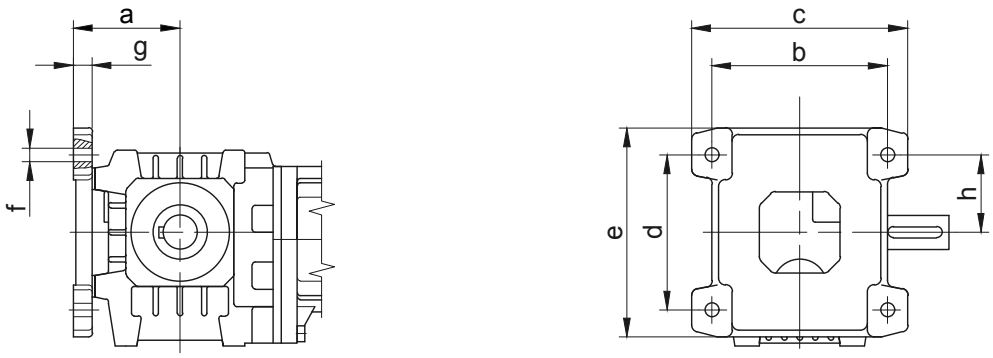
Type	a	b	c	d	e	f	g1	g2	i	k	l	m
BS04	111	60	30	15.5	50	M8	64	49.5	30	60	30	60
BS06	138	80	40	16	63	M8	84	61	40	80	40	80



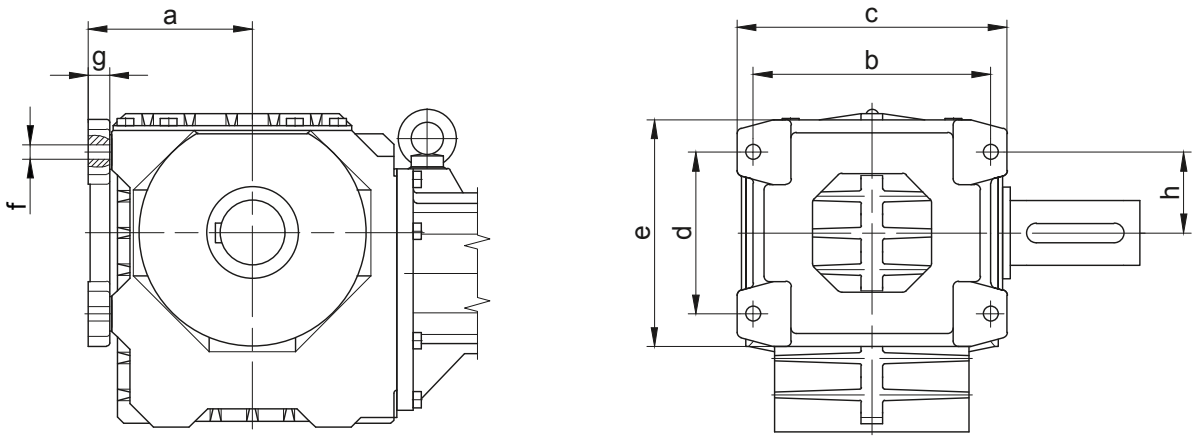
Type	a	b	c	d	e	f	g	-	i	k	l	m
BS10-BS10Z	170	90	45	16	85	M8	105	-	95	47.5	45	90
BS20-BS20Z	202.5	110	55	20	100	M10	125	-	105	52.5	55	110
BS30-BS30Z	228	125	62.5	24	110	M12	150	-	120	60	62.5	125
BS40-BS40Z	264	150	75	24	130	M12	180	-	150	75	75	150

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Foot plate, left



Type	a	b	c	d	e	f	g	h
BS04	68	110	140	90	130	10	15	45
BS06	79	130	160	115	155	10	14	57.5



Type	a	b	c	d	e	f	g	h
BS10-BS10Z	103	145	165	90	130	Ø9	16	72.5
BS20-BS20Z	120	165	195	110	160	Ø11	18	55
BS30-BS30Z	132	190	220	125	185	Ø13.5	20	62.5
BS40-BS40Z	152	220	250	150	210	Ø13.5	20	75

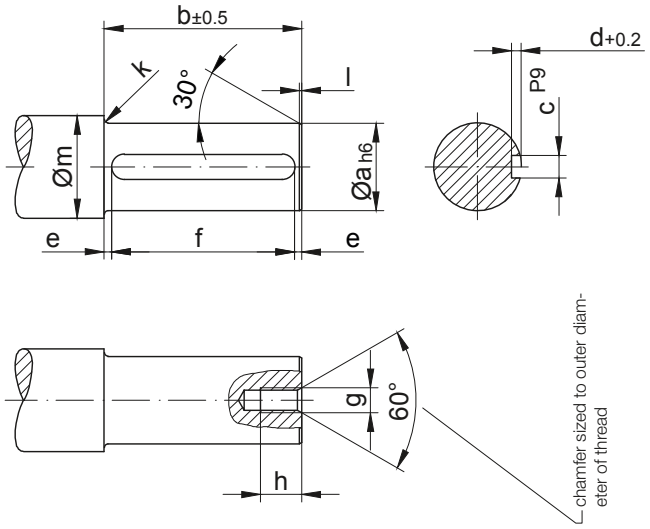
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS-series worm-geared motors

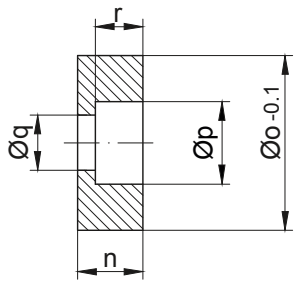
Additional Dimension Sheet Metric

Assembly tools for hollow shaft and keyway

Position 1 Shaft

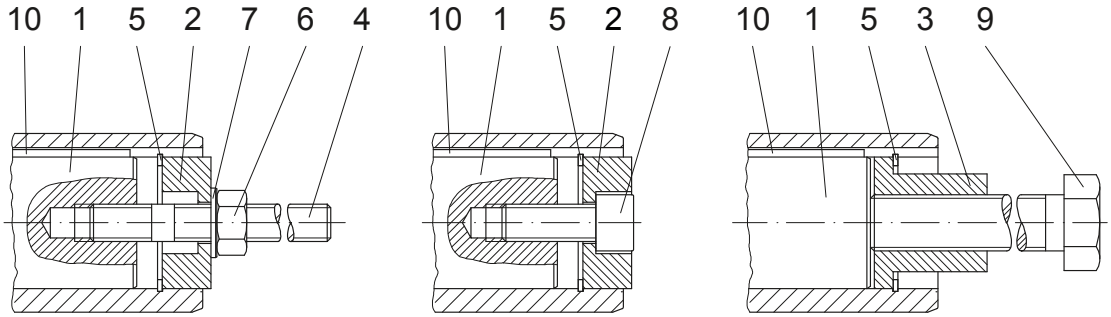


* Position 2 Disc



Material: Steel, tensile strength ≥ 470 N/mm²

Type	Dimensions (mm)															
	Postion 1 Shaft											Postion 2 Disc				
	a	b	c	d	e	f	g	h	k	l	m	n	o	p	q	r
BS03	20	75	6	3.5	6	$63^{+0.3}$	M6	16	2	1.5	28	13.5	19.8	11	6.6	6.5
BS04	20	71	6	3.5	7.5	$56^{+0.3}$	M6	16	2	1.5	28	13.5	19.8	11	6.6	6.5
BS06	25	99	8	4	9.5	$80^{+0.3}$	M8	18	2.5	1.5	33	13.5	24.8	15	9	8.5
BS10	30	152	8	4	6	$140^{+0.5}$	M10	20	3	1.5	38	15	29.8	18	11	10
BS20	35	186	10	5	13	$160^{+0.5}$	M10	20	3	1.5	43	16	34.8	18	11	10
BS30	40	212	12	5	6	$200^{+0.5}$	M12	22	3	2	48	18	39.8	20	13.5	12
BS40	60	227	18	7	13.5	$200^{+0.5}$	M20	38	3.5	2	68	24	59.8	33	22	18



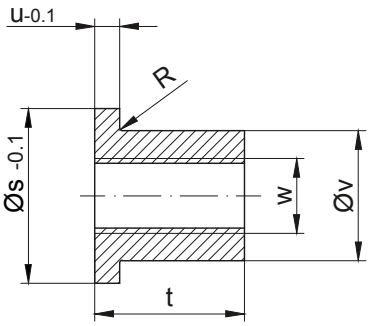
Installation Holding Dismantlement

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

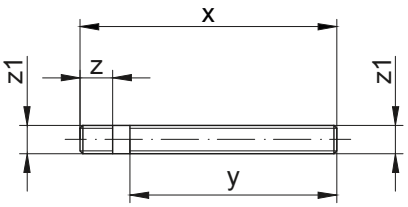
Assembly tools for hollow shaft and keyway

Position 3 Sleeve



Material: Steel, tensile strength ≥ 470 N/mm²

* Position 4 Stud bolt



Material: Steel, tensile strength ≥ 1000 N/mm² Thread rolled

Type	Dimensions (mm)										* Retaining ring DIN 472	Hexagon nut DIN 394-8	Disc DIN 125-St	* Filister head screw DIN 912-8.8	Starting torque (Nm)	Hexagon bolt DIN EN 24017-8.8	Key DIN 6885 Width/Height/Length
	Position 3 Sleeve						Position 4 Stud bolt										
	s	t	u	v	w	R	x	y	z	z1	Pos.5	Pos.6	Pos.7	Pos.8		Pos.9	Pos.10
BS03	19.8	24	5	11	M8	-	120	90	18	M6	20x1.0	M6	6.4	M6x25	5	M8x110	A 8x7x63
BS04	19.8	24	5	11	M8	-	120	90	18	M6	20x1.0	M6	6.4	M6x25		M8x110	A 8x7x56
BS06	19.8	24	5	15.4	M12	0.8	150	120	20	M8	25x1.2	M8	8.4	M8x30		M12x140	A 8x7x80
BS10	29.8	28	5	19.8	M14	0.8	210	175	23	M10	30x1.2	M10	10.5	M10x30	8	M14x190	A 8x7x140
BS20	34.9	28	5	23	M14	-	250	215	23	M10	35x1.5	M10	10.5	M10x35		M14x230	A 10x8x160
BS30	39.9	40	6	27.7	M20	0.8	280	240	28	M12	40x1.75	M12	13	M12x35	16	M20x270	A 12x8x200
BS40	59.8	60	6	44	M30	-	320	260	45	M20	60x2.0	M20	21	M20x50	42	M30x310	A 18x11x200

The parts shown are neccessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

Optional

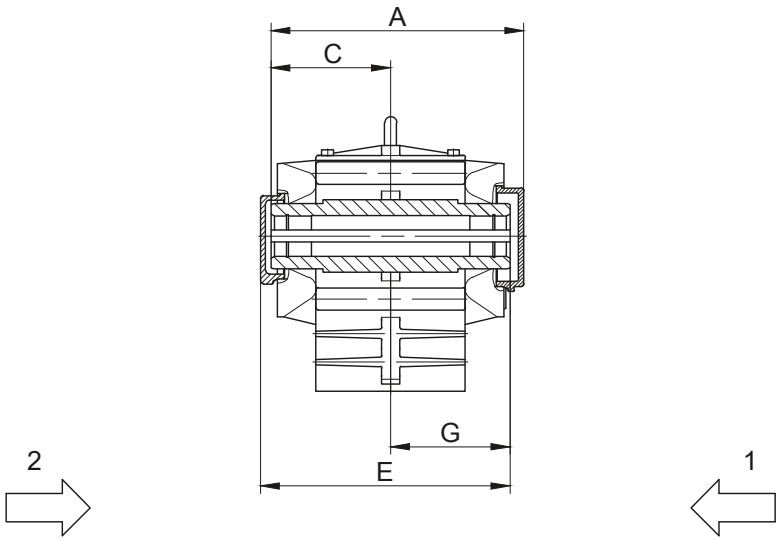
Type	Assembly tool „Holding“
BS03	Id.Nr. 4104013
BS04	Id.Nr. 4104013
BS06	Id.Nr. 4103921
BS10	Id.Nr. 4103939
BS20	Id.Nr. 4103947
BS30	Id.Nr. 4103955
BS40	Id.Nr. 4103971

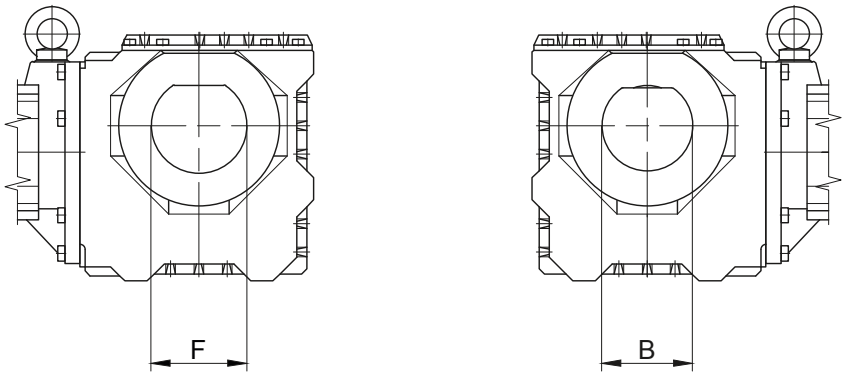
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BS-series worm-geared motors

Additional Dimension Sheet Metric

Shaft cap (VK)





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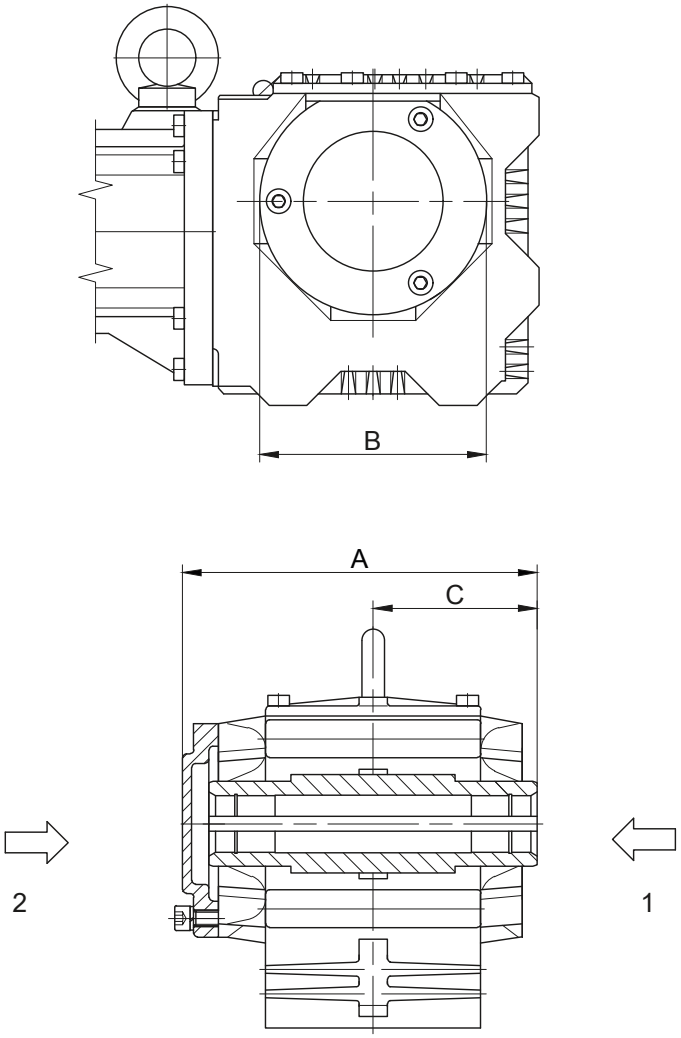
1 Gear side FRONT (V)
2 Gear side REAR (H)

Sealing cap REAR (H)			
Type	A	B	C
BS10	186	68	87
BS30	250.5	100	132
BS40	276	130	128
Dimensions in millimetres (mm)			

Sealing cap FRONT (V)			
Type	E	F	G
BS20	221	78	104.5
Dimensions in millimetres (mm)			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

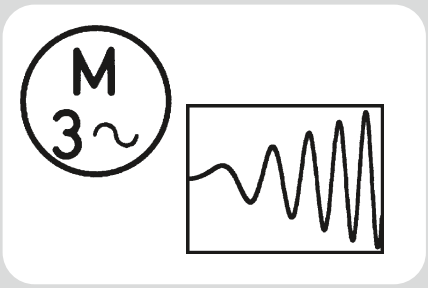
Shaft cover (VD)



1 Gear side FRONT (V)
2 Gear side REAR (H)

Type	A	B	C
BS04	99.5	68	46.5
BS06	128.5	81	60.5
BS10	185	Ø120	87
BS20	224.5	Ø160	104.5
BS30	251.5	Ø160	118.5
BS40	275	Ø210	128
Dimensions in millimetres (mm)			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.



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Motors

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Motor torques for frequency-converter range 5 Hz - 80 Hz. line frequency 60 Hz / Metric 673
Motor torques for frequency-converter range 5 Hz - 120 Hz, line frequency 60 Hz / Imperial 674
Motor torques for frequency-converter range 5 Hz - 120 Hz, line frequency 60 Hz / Metric 675
Notes on design 676
Increased torque with reduced duty factor 676
Increased torque with external fan 676

USA – Energy Policy and Conservation Act

Integral Horsepower Rule (IHP rule)

Department of Energy

10 CFR Part 431: Energy conservation Program: Energy Conservation Standards for Commercial and Industrial Electric Motors

Effective date: June 1, 2016

Motors, as shown below, covered under the IHP rule shall have a nominal full-load efficiency not less than Premium efficiency level shown under §431.25 and NEMA MG1, Table 12-12.

From the IHP rule covered Motors:

- Single speed motor
- Contains a squirrel-cage (MG 1) or cage (IEC) rotor
- Operated on polyphase alternating current (AC) 60-hertz sinusoidal line power
- Rated output PN between 1HP and 500 HP
- 2-, 4-, 6-, or 8-pole motors
- Rated voltage of UN up to 600 V
- Rated for continuous duty (MG 1) operation or for duty type S1 (IEC)

From the IHP rule exempt motors :
- Air-over electric motors
- Component sets of an electric motor
- Liquid-cooled electric motors
- Intermittent duty motors (S2-S8)
- Inverter-only electric motors (S9)
- Multi-speed motors (pole change motors)
- Submersible electric motors
- Where ambient temperatures exceed +40°C (NEMA MG1-2009 Part 14.2)
- Where ambient temperatures are less than -15°C (NEMA MG1-2009 Part 14.2)
- At altitudes exceeding 3300 feet (1000 meters) (NEMA MG1-2009 Part 14.2)
- Single phase motors
- Synchronous AC motors
- Permanent magnet rotor AC motors
- Servo motors

ErP Directive 2009/125/EC

Directive 2009/125/EC of the European Parliament and the Council, issued in 2009, specifies requirements for the environmentally responsible design of energy-related products (ErPs). In November 2009 it superseded Directive 2005/32/EC, which formed the framework for requirements for the environmentally responsible design of energy-using products (EuPs). This change has no effect on already proclaimed implementation measures.

Objectives

The ErP Directive has several objectives:

1. **Mitigating the environmental impact of energy-using products**
   This objective is intended to be achieved by the documentation and labelling of products, by regulations for inspection, and by the formulation of individual requirements in implementation measures. As the entire product life cycle is taken into consideration, action must be taken as early as the design phase.

2. **Climate protection**
   Achievement of the EU climate protection objectives is to be supported. This can be implemented by reducing energy consumption and the emission of global warming gasses in the production, operation and disposal of energy-using products.

3. **Harmonised legislation**
   The directive creates a framework for the European regulation of environmental design requirements. This avoids trade impediments resulting from differences in national regulations. This can be achieved by means of the proclamation of legally binding implementation measures for the entire Community and protection of free trade in goods against further-reaching regulations of the Member States.

General

Regulation (EU) 2019/1781

To establish eco-design requirements for electric motors and variable speed drives pursuant to Directive 2009/125/EC

Valid from: 01.07.2021
- Frequency converter 0.12 - 1,000 kW: IE2
- 3-phase motors 0.12 < 0.75 kW/2.4, 6 or 8 poles: IE2 (Excluded: Ex eb (DXE))
- 3-phase motors 0.75 - 1,000 kW/2.4, 6 or 8 poles: IE3 (Excluded: Ex eb (DXE)

ATTENTION:
Brake motors are no longer exempt!!
IE2 for inverter operation is no longer permitted!!!

Valid from: 01.07.2023
- 1-phase motors ≥ 0.12 kW: IE2
- Ex eb (DXE) Motors ≥ 0,12 kW: IE2
- 3-phase motors 75 kW – 200 kW 2, 4 or 6 pole: IE4
  (Exempt: brake motor and all explosion-proof motors)

Scope
Induction electric motors without brushes, commutators, slip rings or electrical connections to the rotor, rated for operation on a 50 Hz, 60 Hz or 50/60 Hz sinusoidal voltage and having the following characteristics:
- 2-, 4-, 6- and 8-pole motors
- Rated power PN between 0,12 kW and 1000 kW
- Rated voltage UN over 50 V up to and including 1,000 V
- are designed for continuous operation (S1, S3 ≥ 80 % ED, S6 ≥ 80 % ED) and are intended for direct mains operation

Which engines are excluded from the scheme?

- Motors designed to be operated completely immersed in a liquid
- Motors fully integrated into a product (e.g. a gearbox, a pump, a fan or a compressor) whose energy efficiency cannot be measured independently of that product
- Motors with integrated frequency converter (compact drives) whose energy efficiency cannot be tested independently of the frequency converter
- Motors specifically designed and specified to operate exclusively
  - at altitudes exceeding 4000 m above sea-level
  - at ambient temperatures above 60 °C
  - at ambient temperatures below -30 °C
- Motors with integrated brake, which is an integral part of the inner motor construction and cannot be removed or supplied from a separate power source when testing the motor efficiency.
- Motors specifically qualified for the safety of nuclear installations, as defined in Article 3 of Council Directive 2009/71/EURATOM
- Motors with mechanical commutators
- Totally enclosed Non-Ventilated motors (TENV)
- Engines from the respective scope of application of the two deadlines 01.07.2021 or 01.07.2023, which were placed on the market before these deadlines, may continue to be placed on the market until 30.06.2029 as 1:1 replacements and may be specifically marketed as such
- Multi-speed motors, i.e. pole-changing motors
- Motors designed specifically for the traction of electric vehicles
- Motors in portable equipment whose weight is supported by hand during operation
- Motors in hand-held mobile equipment which are moved during operation
- Motors in cordless or battery-operated equipment
- Motors for underground mining (mines)

Method for determining the motor efficiency according to IEC 60034-2-1

Individual loss procedure
Additional losses according to residual loss method
Low measurement uncertainty

Motors

General

Bauer geared motors for connection to three-phase supply are supplied with specially designed induction motors. This design ensures maximum operating safety with high starting torque and minimum starting current.

The torque/speed characteristic is largely free of torque dips. Torque is optimized to suit requirements and application parameters. See “www.bauergears.com” for more information.

Torques

The torques as stated in the selection tables are fully available at the output shaft. These figures apply for continuous operation (S1-100%) at a maximum ambient temperature of 40 °C and at site elevations up to 1000 m above sea level. Drives for higher ambient temperatures and site elevations are available on request. Gear efficiencies, which are lower than the usual values for spur gears, are taken into account in the torques listed in the selection tables.

Line voltages

BAUER motors are available as standard for the following three-phase line voltages:

- 230 V / 460 V 60 HZ (Standard)
- 230 V / 400 V 50 Hz*
- 240 V / 415 V 50 Hz
- 440 V / 60 Hz
- 460 V / 60 Hz
- 480 V / 60 Hz
- 575 V / 60 Hz
- 380 V / 660 V 50 Hz
- 400 V / 690 V 50 Hz*
- 415 V / 50 Hz

*Voltage recommended world-wide by IEC 38 and in Europe by CENELEC.

**= Insulation Class F is necessary.

Designs for other voltages available on request and at extra cost.

Unless otherwise specified, motors for operation in conjunction with frequency converters with a 50 or 60 Hz frequency have a Y-circuit to optimise operating noise and winding load.

Unless otherwise stated, the tolerance for the rated voltage is +/- 5 %, in accordance with IEC 60034-1.

The D..04.. to D..18.. motors in 4 pole design can be operated within a tolerance of +/- 10 % of the rated voltage (400 V 50 Hz).

Line frequencies

All motors are available with the same power ratings for either 50 or 60 Hz. Increased power models are available on request.

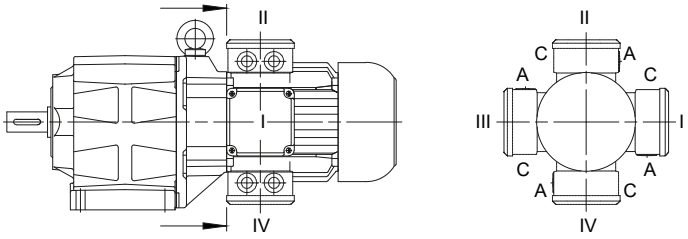
Rating plate

Bauer geared motors are supplied with a corrosion-proof rating plate as standard. The standard rating plate is made of special plastic tried and tested in many years of practical use and approved for hazardous areas by the Physikalisch-Technische-Bundesanstalt (PTB).



Terminal box

The cables of motors with and without brakes can be introduced into the motor terminal box from side A, B, C or side D.

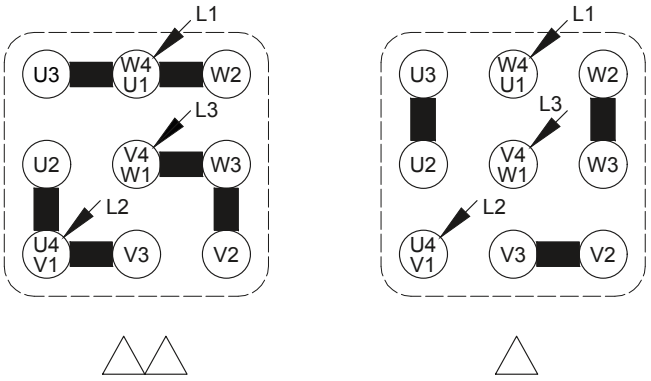


The standard position for the motor terminal box is shown in the dimensional drawings for the geared motors (see chapter 10,11,12 and 13). The terminal box can be installed at any of 3 other positions on request, if on-site space is restricted. The 4 possible positions are 90° offsets around the axis of the motor (dimensional drawing and designation for standard terminal box, see chapter 17 “Dimensional drawing standard terminal box”).

Screw- on terminal boxes, see pages 705 and 719 for inlet screw dimensions.

Please note holes on terminal box sides are for brake installation and are metric.

Motor for dual voltage connection 1 : 2 DD/D

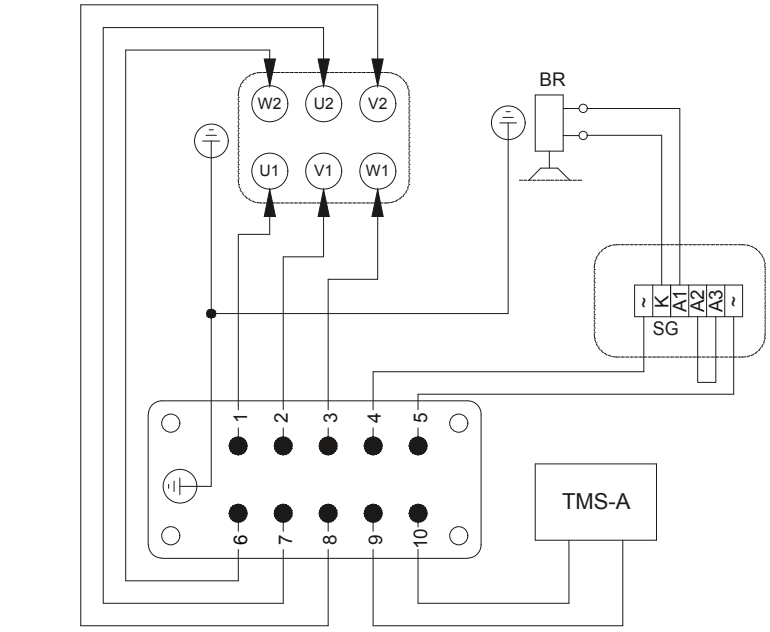


	IEC / EN 60034-8	NEMA MG 1	Colour
Supply lines	L1	L1	
	L2	L2	
	L3	L3	
Motor winding	U1 - U2	T1 - T4	black-black
	U3 - U4	T7 - T10	yellow-yellow
	V1 - V2	T2 - T5	blue-blue
	V1 - V2	T8 - T11	red-red
	W1 - W2	T3 - T6	brown-brown
	W3 - W4	T9 - T12	violet-violet
DD	Connections for the low rated voltage (e.g.: 230 V)		
D	Connections for the high rated voltage (e.g.: 460 V)		

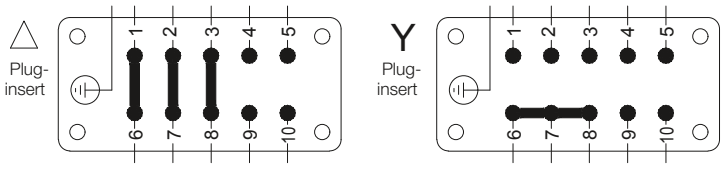
Plug-and-socket connection

D..06.. to D..16.. Bauer motors are available with plug-in motor connection. The socket housing is mounted on the fan-cowl side of the terminal box as standard. This layout minimizes the protrusion caused by the plug.
The standard plug-and-socket type connection incorporates the attachment housing, pin insert and cover. Grommet-type housings and jack inserts are available on request at extra cost. Pin assignments on request (dimensional drawing, see chapter 17 “Dimensional drawing, plug-connector terminal box”).

A design with single clamp lever according to the DESINA regulation of the „Verbandes Deutscher Werkzeugmaschinenhersteller“ (VDW) is also available.



△- or Y-Connection in the plughousing or installation cabinet is performed by the machine manufacturer.



Han 10ESS

Caution !
Motor shaft rotates clockwise for this connection looking at the motor A-side. The final rotation of the gear shaft is dependent on the gear design.

The motors are also available with a low-cost round plug connector as an alternative. This is fitted at the factory in the standard terminal box and is also suitable for brake connection, thermistors and thermostats. Additional information on request.

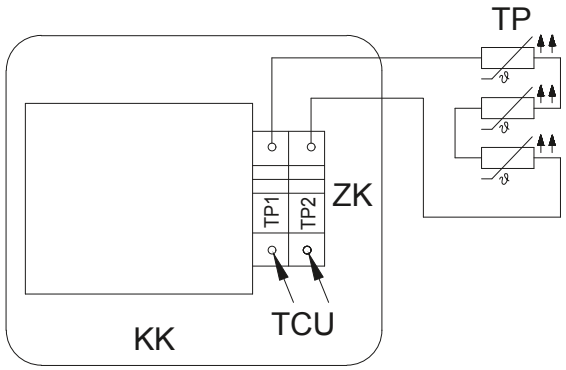
Bauer motors from D..08.. with motor-mounted brake are also available with plug-in brake connection. This means that if it requires attention, the brake can be replaced on site with no loss of time.

Motor protection

Each geared motor requires a current-dependent motor protection switch or an overcurrent relay with thermal delay in the switchgear to protect the motor windings. The rated motor currents required for settings are stated in the order acknowledgment. T hermal protection for the winding is recommended as an additional safety measure for special operating conditions (short-time or intermittent periodic duty, high switching frequency, severe voltage fluctuations or restricted cooling) and for operation in conjunction with a frequency converter.

Thermistors (PTC)

Thermistors are temperature-dependent resistors which are fitted in each phase winding. In conjunction with a motor protection switch, they ensure optimum protection for the winding in the event of rapid temperature rise. Characteristic to DIN 44081 and “Mark A” to IEC 34-11-2. Thermistors are available for all motors at extra cost. The requisite monitoring device is not included in the scope of supply.

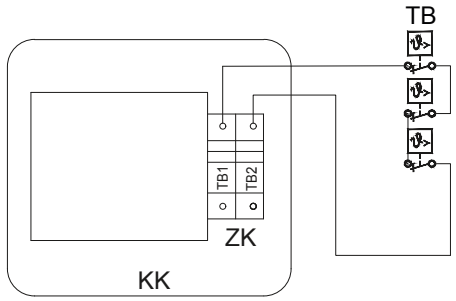


KK	Terminal box
ZK	Additional terminals
TP	PTC-thermistors DIN 44081/IEC 34-11-2 Mark A
TCU	Connection of thermistor control unit EN 60947 Max. permissible testing voltage 2.5 VDC / thermistor
	in case of Ex with auth. certificate: PTB 3.53 PTC/A

Thermostatic protection

Bimetal switches are used for slow-acting, independent temperature monitoring and are embedded in each winding section of the motor.
The bimetal disc is sized such that when the temperature rises above a specific, previously set value, the disc suddenly snaps from a convex state to a concave state and the contact moves vertically away from the contact plate. In this state the switch is either open (normally closed switch) or closed (normally open switch). A significant temperature change is necessary to allow the bimetal disc to independently snap back to its initial position. When it does, the switch is again closed (normally closed switch) or open (normally open switch). Thermal protection switches are available for all motors at additional cost. For technical reasons, this option is not recommended for large motors (D11 to D18).

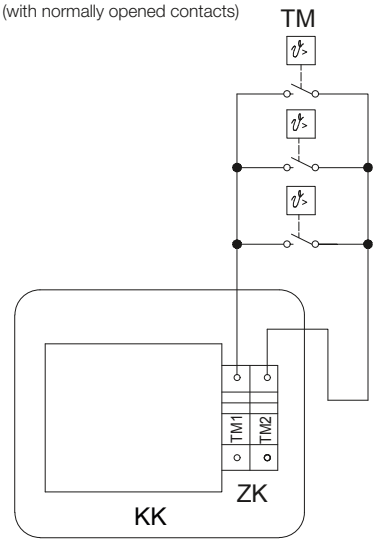
Thermal motor protection with thermostats
(with normally closed contacts)



KK	Terminal box
ZK	Additional terminals
TB	Thermostats with normally closed contacts max. 250VAC 1,6A

The location of the additional terminals in the drawing is not necessarily identical with the actual arrangement.

Thermal motor protection with thermostats
(with normally opened contacts)



KK	Terminal box
ZK	Additional terminals
TB	Thermostats with normally closed contacts max. 250VAC 1,6A

The location of the additional terminals in the drawing is not necessarily identical with the actual arrangement.

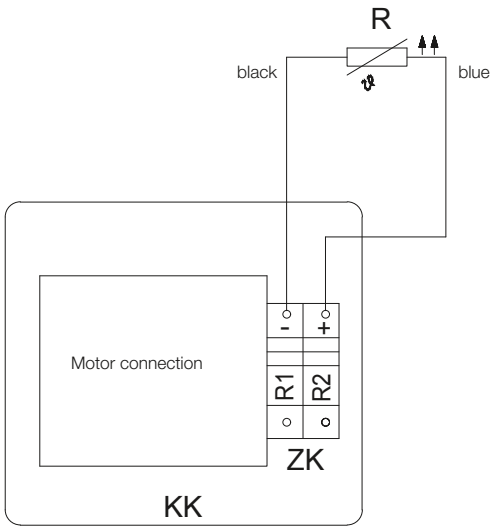
KTY sensors

KTY sensors with heat-shrink insulation can be used to measure and monitor critical surface temperatures and internal temperatures of motors and machines. These sensors are suitable for use in harsh industrial environments in all places where accurate measurements with a single sensor are required. KTY sensors are available for all types of motors at additional cost.

Type 84-130SH: primarily installed in motors that are operated with Siemens frequency converters.

Working principle: KTY sensors are temperature-dependent components. The resistance of the KTY sensor increases when its temperature rises. The characteristic curve is nearly linear in the sensor‘s measuring range; the reference resistance (at 100 °C) is 970 to 1030 ohms.

Resistance temperature sensor KTY84-130SH



KK	Terminal box
ZK	Additional terminals
TB	Resistance temperature sensor

The location of the additional terminals in the drawing is not necessarily identical with the actual arrangement.

PT100 sensors

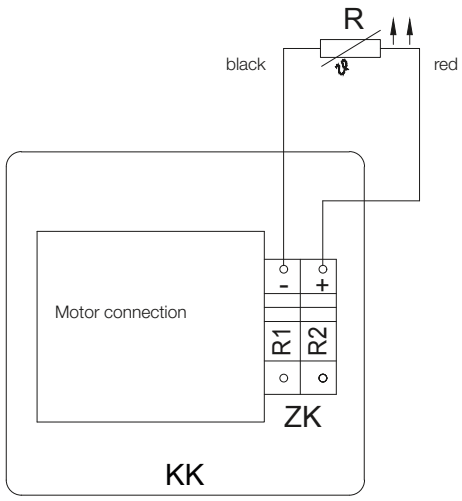
Precise monitoring of motor temperatures is necessary in many fields of industry. Pt100 sensors feature high accuracy, short response time and long-term stability, and they are suitable for use over a wide range of temperatures. Pt100 sensors are available for all motor types at additional cost.

Specifications

Nominal resistance: 100 Ω at 0 °C

The resistance characteristics are specified in EN 60751.

Resistance temperature sensor PT 100



KK	Terminal box
ZK	Additional terminals
TB	Resistance temperature sensor

The location of the additional terminals in the drawing is not necessarily identical with the actual arrangement.

Insulation

The gearmotors described in the selection tables of this catalog with the motor sizes D..04.., D..05.., D..06.., D..08.., D..09S and D..09L are executed in insulation class B. Temperature class F is available on request at extra cost.

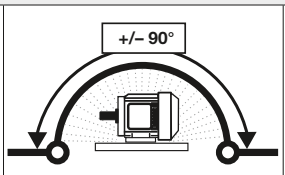
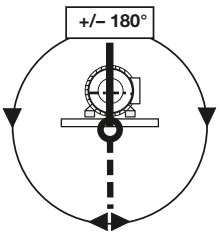
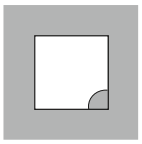
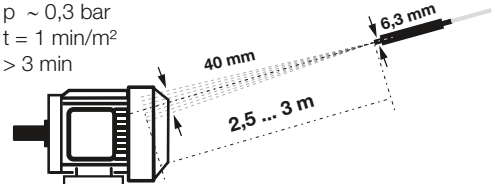
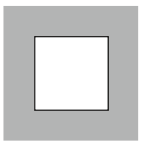
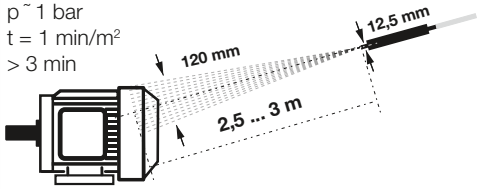
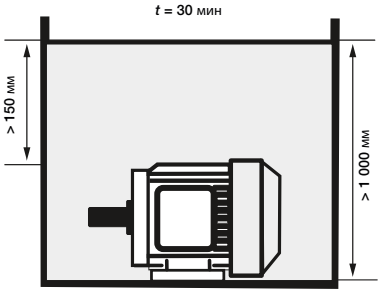
4-pole motors D..07.. and D..09XA4 (2.2 kW) to D..18XA4 (30 kW) and all multi-speed motors are rated in Temperature Class F as standard.
Insulation Class F bestows the winding a multiple protection against high humidity, acidic gases and heavy tropical influences while making the same shock resistant and more resistant to heat. Protection against insects (termites) is guaranteed through the complete enclosure (IP65) as long as the mains cables are encased in metal.

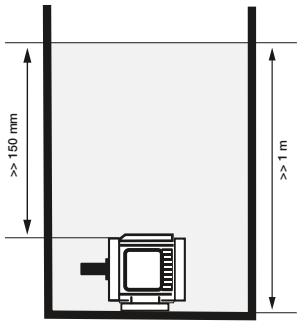
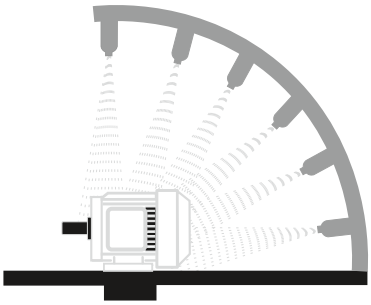
IP – Protection classes

Bauer motors from motor size D..06.. are manufactured to IP65 degree of protection as standard. Motor sizes D..04.. and D..05.. have smooth housings, degree of protection IP 54, on request in IP65 at extra cost. The motor terminal box is always IP 65.

Bauer motors from motor size D..06.. are manufactured to IP65 degree of protection as standard. Motor sizes D..04.. and D..05.. have a smooth motor housing of IP54. Higher IP protection classes on request.

Degrees of protection provided by enclosures for electrical equipment

First IP - code number after DIN EN 60529					Second IP - code number after DIN EN 60529		
	Protection against penetration of solid foreign bodies		Protection of persons against access to hazardous parts with			Protection against penetration of moisture or water	
4	diameter > = 1,0 mm		Wire		4	Splash water	 0,07 l/min per nozzle 
5	Dustproof				5	Jet water	qv = 12,5 l/min p ~ 0,3 bar t = 1 min/m² > 3 min 
6	Dust tight				6	Strong Jet water	qv = 100 l/min p ~ 1 bar t = 1 min/m² > 3 min 
					7	Temporary Submerge	

First IP - code number after DIN EN 60529			Second IP - code number after DIN EN 60529		
	Protection against penetration of solid foreign bodies	Protection of persons against access to hazardous parts with		Protection against penetration of moisture or water	
			8	Permanent Submerge	$t = \infty$ IPX8 > IPX7  x = 5 m (Standard) or by agreement
			9 (9K= DIN 40050-9)	High pressure and high jet water temperature	Housing >= 250 mm t = 1 min /m² > 3 min Water temperature (80 +- 5) °C 15 l/min, 100 bar Distance (175 +- 25) mm 

Speed of output shaft

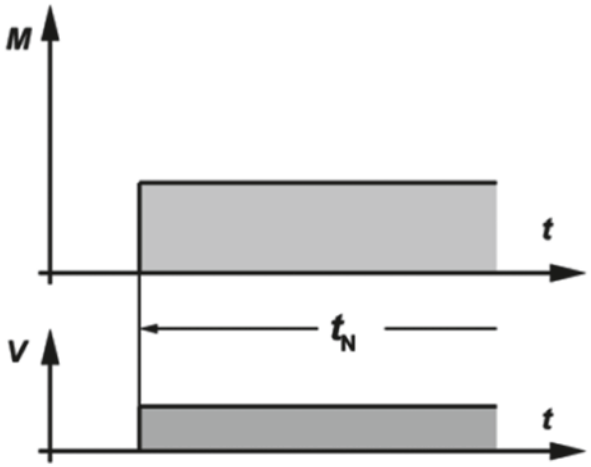
The rated speeds in the selection tables are guidelines for load at rated power. Speed can vary depending on degree of load and temperature (particularly in the case of relatively small motors). Combination gear units for lower speeds are available on request.

Duty types as defined by EN 60034

General

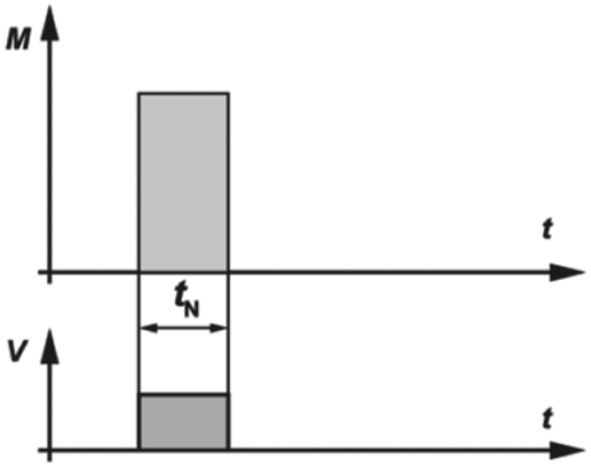
Aside from special drives (such as lifting equipment), standard motors are always designed for continuous running duty. If the drive is operated with frequent on/off cycles, it may be necessary to select a larger motor with a special design. On the other hand, with pronounced short-time duty it is often possible to select a smaller model. **For this reason, it is technically necessary or economically advantageous to inform the motor manufacturer of any duty type that differs from continuous running.**

Continuous running duty (S1)



Operation under rated load for sufficient time to allow temperature equilibrium to be attained, such that the temperature does not increase any more with continued operation. The equipment can operate continuously under the rated load without exceeding the allowable temperature.

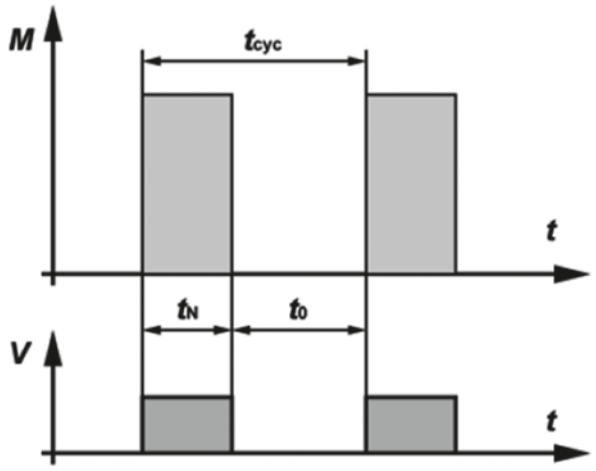
Short-time duty (S2)



The operating time under rated load is short compared with the subsequent rest period. The standard operating times are 10, 30, 60 and 90 minutes. The equipment can operate for this period under the rated load without exceeding the allowable temperature.

Example: S2 – 60 min

Intermittent periodic duty (S3)



S3 duty consists of a sequence of identical cycles, each composed of an operating time with constant load and a rest time with the windings de-energized. The cycle is such that the starting current does not significantly affect the temperature rise. The operating time under rated load and the subsequent pause are both short. The equipment can operate under load only during the period indicated by the duty cycle as a percentage of the total cycle time (cycle duration).
The standardized duty cycles are 15, 25, 40 and 60 %. The cycle duration is 10 minutes unless otherwise specified.

Intermittent periodic duty means that a state of thermal equilibrium is not reached during the load interval.

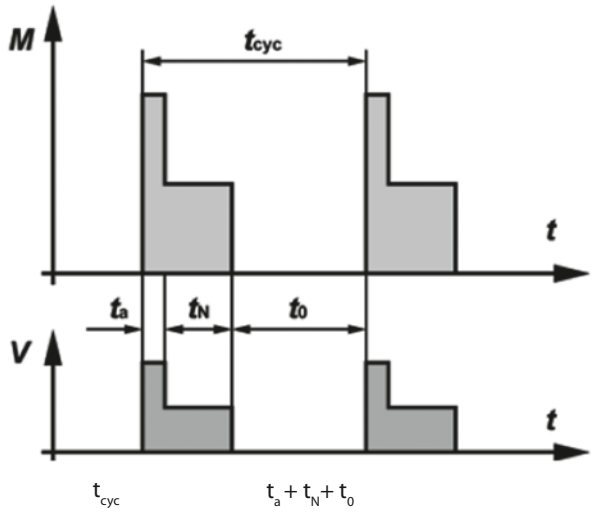
The duty cycle can be determined as follows:

$$ED = \frac{t_N}{t_{cyc}} \times 100\% = \frac{t_N}{t_N + t_0} \times 100\%$$

Example: S3 – 25%

Duty types as defined by EN 60034

Intermittent periodic duty with starting (S4)



S4 duty consists of a sequence of identical cycles, each of which is composed of a distinct starting time, a time of operation under constant load, and a rest period with the windings de-energized.

The operating time under rated load and the subsequent pause are both short. The equipment can operate under load only during the period indicated by the duty cycle as a percentage of the total cycle time (cycle duration).

The standardized duty cycles are 15, 20, 40 and 60 %. The cycle duration is 10 minutes unless otherwise specified.

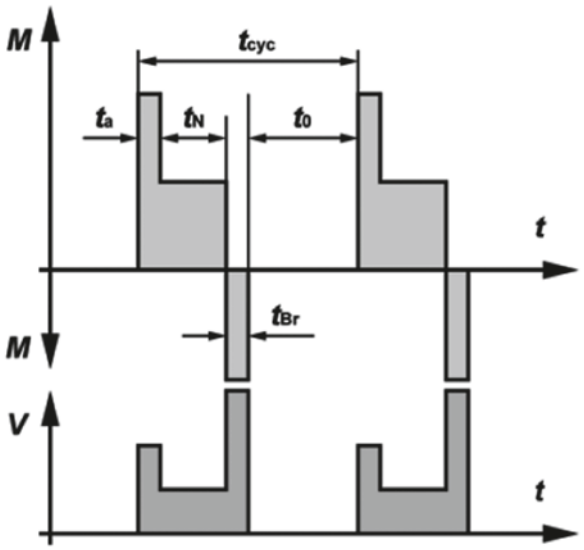
The load cycle corresponds to mode S3, but with additional heating during the starting time that must be taken into account.

The duty cycle can be determined as follows:

$$ED = \frac{(t_a + t_N)}{t_{cyc}} \times 100\% = \frac{t_a + t_N}{t_a + t_N + t_0} \times 100\%$$

Example: S4 – 25%, J_M = 0.15 kgm²

Intermittent periodic duty with electric braking (S5)



S5 duty consists of a sequence of identical cycles, each of which is composed of a starting time, a time of operation under constant load, a time of fast electric braking, and a rest period with the windings de-energized.
The operating time under rated load and the subsequent pause are both short. The equipment can operate under load only during the period indicated by the duty cycle as a percentage of the total cycle time (cycle duration).
The standardized duty cycles are 15, 20, 40 and 60 %. The cycle duration is 10 minutes unless otherwise specified.

The load cycle corresponds to S3 duty, but with additional warming during the starting time t_a and the braking time t_{Br} taken into account.

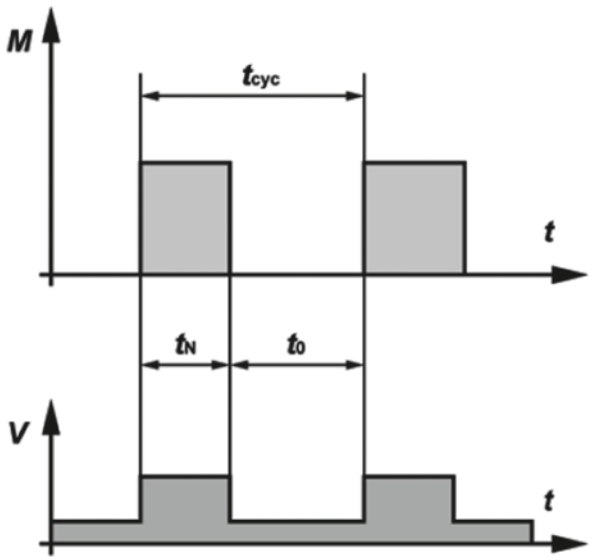
The duty cycle can be determined as follows:

$$ED = \frac{(t_a + t_N + t_{Br})}{t_{cyc}} \times 100\% = \frac{t_a + t_N + t_{Br}}{t_a + t_N + t_{Br} + t_0} \times 100\%$$

Example: S5 – 25%; J_M = 0.15 kgm², J_{ext} = 0.7 kgm²

Duty types as defined by EN 60034

Continuous-operation periodic duty (S6)



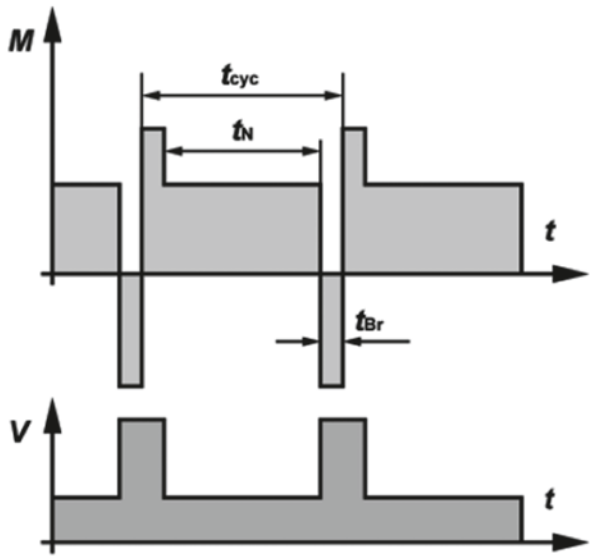
This type of duty corresponds to S3, with the exception that the equipment remains energized during the rest periods. In other words, it operates with no load during these periods. The duty cycle and cycle duration are specified the same way as for S3 duty.

The duty cycle can be determined as follows:

$$ED = \frac{t_N}{t_{cyc}} \times 100\% = \frac{t_N}{t_N + t_0} \times 100\%$$

Example: S6 – 40%

Continuous-operation periodic duty with electric braking (S7)

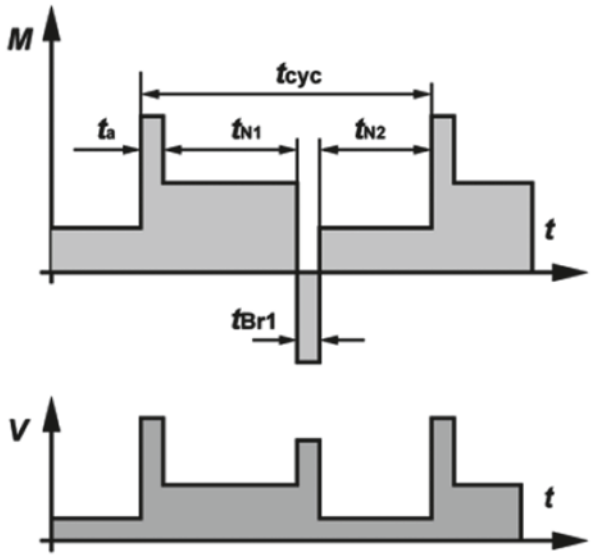


The machine starts up, operates under load, and then is braked electrically, for example by feeding it from a DC power source. Following this, it starts up again immediately. The machine can operate continuously in this manner if the specified moments of inertia of the motor J_M and of the load J_{Ext} as well as the specified duty cycle are not exceeded. If the cycle duration is not specified, it is assumed to be 10 minutes.

The duty cycle can be determined as follows: DC = 1

Example: S7 – J_M = 0.4 kgm², J_{ext} = 7.5 kgm²

Continuous-operation periodic duty with relative load/speed changes (S8)



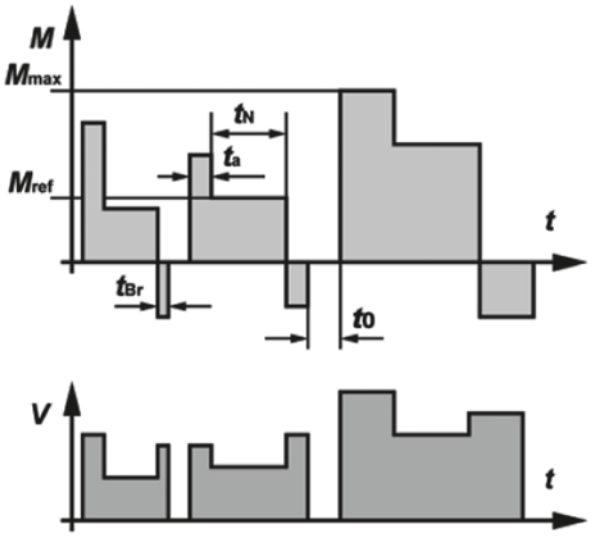
The machine runs continuously under variable load with frequent speed variations. The machine can operate continuously in this manner if at each speed the specified values are not exceeded (moments of inertia J_M and J_{Ext} cycle duration (if other than 10 minutes), rated output and duty cycle. With a moment of inertia of 1 kg m², the acceleration characteristics are the same as with a mass of 1 kg at a distance of 1 m from the axis of rotation).

The duty cycle can be determined as follows:

$$ED = \frac{t_a + t_{N1}}{t_{cyc}} \times 100\% = \frac{t_{Br} + t_{N2}}{t_{cyc}} \times 100\%$$

Example: S8 – J_M = 0.5 kgm², J_{ext} = 6 kgm²

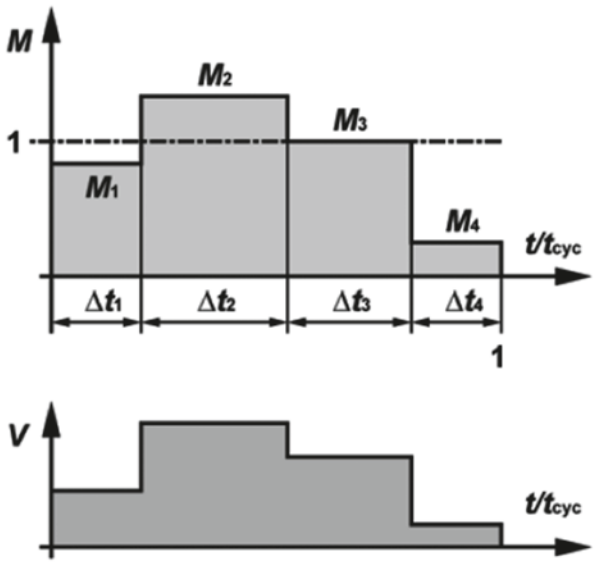
Duty with non-periodic load and speed variations (S9)



In S9 duty the load and the speed vary non-periodically within the permissible operating range. This includes frequently applied overloads, which must never exceed the reference load.
For this duty type, a constant load appropriately selected and based on duty type S1 shall be taken as the reference value M_{ref} for the overload.

Duty types as defined by EN 60034

Duty with discreet constant loads and speeds (S10)



S10 duty comprises operation with at most four different load levels, each of which is maintained long enough to allow the machine to reach thermal equilibrium.
The minimum load within a duty cycle may have a value of zero (no-load operation or at rest with the windings de-energized).
The appropriate abbreviation is S10 followed by the per unit quantities p/Δt for the respective load and its duration and the per unit quantity TL for the relative thermal life expectancy of the insulation system. The reference value for the thermal life expectancy is the thermal life expectancy at rating for continuous running duty and permissible limits of temperature rise based on duty type S1. For a time de-energized and at rest, the load shall be indicated by the letter r.

Example: S10 p/Δt = 1.1/0.4, 1/0.3, 0.9/0.2, r/0.1; TL = 0.6

4-pole TEFC motors for continuous running duty S1 and 60 Hz mains frequency (Y/D)

60 Hz

Except for brake motors

P		Type	n_N	M_N	Nm	I_N			cosφ	Nom. Eff. (100%-Load)	I_A/I_N	M_A/M_N	M_S/M_N	M_K/M_N	J_{rot}		Brake
HP	kW		[1/min]	lb.f-in		460 V A	575 V A			[%]					lbf.ft²	kgm²	
0.075	0.055	D04LA4	1620	2.8	0.32	0.27	0.22	Y	0.6	-	2.5	2.5	2.5	3	0.00415	0.000175	E003
0.1	0.075	D04LA4	1620	3.8	0.43	0.35	0.28	Y	0.6	-	2.2	2.1	2.1	2.4	0.00415	0.000175	
0.12	0.09	D04LA4	1620	4.6	0.52	0.38	0.3	Y	0.69	-	2.7	2.4	2.4	2.9	0.00415	0.000175	
0.15	0.11	D04LA4	1620	5.7	0.64	0.42	0.34	Y	0.73	-	2.5	2.1	2.1	2.3	0.00415	0.000175	
0.1	0.075	D05LA4	1620	4	0.45	0.32	0.26	Y	0.59	-	5.5	3.5	3.3	3.5	0.007	0.000295	E003
0.12	0.09	D05LA4	1620	4.7	0.53	0.35	0.28	Y	0.7	-	3.7	3.3	3.1	3.3	0.007	0.000295	
0.15	0.11	D05LA4	1620	5.8	0.65	0.38	0.3	Y	0.7	-	3.5	2.7	2.5	2.7	0.007	0.000295	
0.25	0.18	D05LA4	1620	9.4	1.06	0.6	0.48	Y	0.65	-	3.4	2.8	2.7	2.8	0.007	0.000295	
0.33	0.25	D05LA4	1620	13	1.47	0.8	0.64	Y	0.69	-	3.2	2.5	2.4	2.5	0.007	0.000295	
0.4	0.3	D05LA4	1620	15.5	1.75	0.93	0.74	Y	0.7	-	3.1	2.6	2.6	2.7	0.007	0.000295	
0.1	0.075	D06LA4	1620	4	0.45	0.32	0.26	Y	0.59	-	5.5	3.5	3.3	3.5	0.007	0.000295	E003
0.12	0.09	D06LA4	1620	4.7	0.53	0.35	0.28	Y	0.7	-	3.7	3.3	3.1	3.3	0.007	0.000295	
0.15	0.11	D06LA4	1620	5.8	0.65	0.38	0.3	Y	0.7	-	3.5	2.7	2.5	2.7	0.007	0.000295	
0.25	0.18	D06LA4	1620	9.4	1.06	0.6	0.48	Y	0.65	-	3.4	2.8	2.7	2.8	0.007	0.000295	
0.33	0.25	D06LA4	1620	13	1.47	0.8	0.64	Y	0.69	-	3.2	2.5	2.4	2.5	0.007	0.000295	
0.4	0.3	D06LA4	1620	15.5	1.75	1	0.8	Y	0.7	-	3.1	2.1	2	2.1	0.007	0.000295	
0.5	0.37	D07LA4	1620	18.6	2.1	1.24	0.99	Y	0.66	-	2.8	2.4	2.4	2.5	0.00914	0.000385	E003, E004
0.75	0.55	D08MA4	1680	27.4	3.1	1.4	1.12	Y	0.75	-	4.6	2.3	2.1	2.5	0.0273	0.00115	ES(X)010
1	0.75	DPE08XB4	1735	36.29	4.1	1.67	1.336	Y	0.67	85.5	6.4	3.6	3.1	4	0.0475	0.002	EH(X)010/027
1	0.75	DPE09LA4	1750	36.29	4.1	1.45	1.16	Y	0.76	85.5	7.7	3.7	3.4	4.2	0.0759	0.0032	
1.5	1.1	DPE09XB4	1755	53.10	6	2.2	1.76	Y	0.73	86.5	8.7	4.2	3.8	5	0.1163	0.0049	ES(X)010/027
2	1.5	DPE09XB4	1745	72.58	8.2	2.9	2.32	Y	0.76	86.5	7.6	3.6	3.4	4.3	0.1163	0.0049	EH(X)027/040
2.4	1.8	DPE09XB4C	1760	86.74	9.8	3.2	2.56	Y	0.8	86.5	8.3	2.6	2.1	4	0.1637	0.0069	
3	2.2	DPE11MA4	1760	106	12	4	3.2	Y	0.78	89.5	8.5	4.5	3.6	4.9	0.2492	0.0105	
4	3	DPE11LB4	1760	144	16.3	5.2	4.16	D	0.81	89.5	9	3.8	3.3	4.6	0.403	0.017	ES(X)027/040/070
5	3.7	DPE11LB4	1760	177	20	6.3	5.04	D	0.82	89.5	8.6	3.6	3.1	4.3	0.403	0.017	EH(X)070/125
5.5	4	DPE11LB4	1760	192	21.7	6.9	5.52	D	0.81	89.5	9.3	3.7	3	4.7	0.403	0.017	
6	4.5	DPE11LB4	1750	217	24.5	7.6	6.08	D	0.83	89.5	8.4	3.2	2.6	4.1	0.403	0.017	
7.5	5.5	DPE13XA4	1770	261	29.5	9.5	7.6	D	0.79	91.7	9	4.4	3.1	4.2	0.95	0.04	ES(X)040/070/125
10	7.5	DPE13XA4	1765	358	40.5	13.2	10.56	D	0.77	91.7	8.5	3.7	3	4.1	0.95	0.04	EH(X)200
12.75	9.5	DPE16LB4	1780	451	51	16.7	13.36	D	0.77	92.4	8.7	3.5	2.1	3.5	1.80	0.076	
15	11	DPE16LB4	1780	522	59	19.3	15.44	D	0.77	92.4	8	3.3	2	3.3	1.80	0.076	ES(X)125/200
16.8	12.5	DPE16XB4	1770	593	67	21	16.8	D	0.82	92.4	7.7	3	2	3	2.30	0.097	EH(X)400
20	15	DPE16XB4	1780	708	80	26.2	20.96	D	0.77	93	8.8	3.7	2.3	3.6	2.30	0.097	ZS(X)300
25	18.5	DPE18LB4	1780	876	99	31	24.8	D	0.8	93.6	9.6	4.3	2.7	3.7	4.03	0.17	ES(X)250
30	22	DPE18XB4	1780	1044	118	36.5	29.2	D	0.81	93.6	9.1	3.9	2.4	3.2	4.63	0.195	EH(X)400 ZS(X)500
40	30	DPE20XA4	1785	1416	160	46.5	37.2	D	0.86	94.1	9.5	3.4	2.9	3.9	9.23	0.389	ES(X)250
50	37	DPE22MA4	1780	1752	198	60	48	D	0.82	94.5	9.7	3.7	3.3	4.2	10.25	0.432	ZS(X)500

P	Rated torque at 60 Hz mains frequency
n_N	Typical rated rotor shaft speed at 60 Hz mains frequency
M_N	Rated torque at rotor shaft
I_N	Rated current at 460 V (for other special voltages, multiply by the inverse voltage ratio to convert the current at 460 V to the current at the desired voltage)
cos φ	Power factor
Nom. Eff.	Efficiency at full load
I_A/I_N	Relative starting current
M_A/M_N	Relative starting torque
M_S/M_N	Relative pull-up torque
M_K/M_N	Relative breakdown torque
J_{rot}	Rotor moment of inertia
Brake	Brake configuration (see Section 15)

The standard motor winding configuration is for 460 V / 60 Hz.

All motors designed for thermal class F are suitable for operation over the voltage range 440–480 V or 460 V +/- 10%.

Note: the current, power factor and torque vary depending on the deviation from 460 V.

See "www.bauergears.com" for more information.

Motors

Technical data of the 60 Hz motors

4-pole TEFC motors for continuous running duty S1 and 60 Hz mains frequency (D/DD)

60 Hz

Except for brake motors

P		Type	n_N	M_N	Nm	I_N			cosφ	Nom. Eff.	I_A/I_N	M_A/M_N	M_S/M_N	M_K/M_N	J_{rot}		Brake
HP	kW		[1/min]	lb.f-in		230 V A	460 V A			(100%-Load) [%]					lbf.ft²	kgm²	
0.075	0.055	D04LA4	1620	2.8	0.32	0.54	0.27	DD/D	0.6	-	2.5	2.5	2.5	3	0.00415	0.000175	E003
0.1	0.075	D04LA4	1620	3.8	0.43	0.70	0.35	DD/D	0.6	-	2.2	2.1	2.1	2.4	0.00415	0.000175	
0.12	0.09	D04LA4	1620	4.6	0.52	0.76	0.38	DD/D	0.69	-	2.7	2.4	2.4	2.9	0.00415	0.000175	
0.15	0.11	D04LA4	1620	5.7	0.64	0.84	0.42	DD/D	0.73	-	2.5	2.1	2.1	2.3	0.00415	0.000175	
0.1	0.075	D05LA4	1620	4	0.45	0.64	0.32	DD/D	0.59	-	5.5	3.5	3.3	3.5	0.007	0.000295	E003
0.12	0.09	D05LA4	1620	4.7	0.53	0.70	0.35	DD/D	0.7	-	3.7	3.3	3.1	3.3	0.007	0.000295	
0.15	0.11	D05LA4	1620	5.8	0.65	0.76	0.38	DD/D	0.7	-	3.5	2.7	2.5	2.7	0.007	0.000295	
0.25	0.18	D05LA4	1620	9.4	1.06	1.20	0.6	DD/D	0.65	-	3.4	2.8	2.7	2.8	0.007	0.000295	
0.33	0.25	D05LA4	1620	13	1.47	1.60	0.8	DD/D	0.69	-	3.2	2.5	2.4	2.5	0.007	0.000295	
0.4	0.3	D05LA4	1620	15.5	1.75	1.86	0.93	DD/D	0.7	-	3.1	2.6	2.6	2.7	0.007	0.000295	
0.1	0.075	D06LA4	1620	4	0.45	0.64	0.32	DD/D	0.59	-	5.5	3.5	3.3	3.5	0.007	0.000295	E003
0.12	0.09	D06LA4	1620	4.7	0.53	0.70	0.35	DD/D	0.7	-	3.7	3.3	3.1	3.3	0.007	0.000295	
0.15	0.11	D06LA4	1620	5.8	0.65	0.76	0.38	DD/D	0.7	-	3.5	2.7	2.5	2.7	0.007	0.000295	
0.25	0.18	D06LA4	1620	9.4	1.06	1.20	0.6	DD/D	0.65	-	3.4	2.8	2.7	2.8	0.007	0.000295	
0.33	0.25	D06LA4	1620	13	1.47	1.60	0.8	DD/D	0.69	-	3.2	2.5	2.4	2.5	0.007	0.000295	
0.4	0.3	D06LA4	1620	15.5	1.75	2.00	1	DD/D	0.7	-	3.1	2.1	2	2.1	0.007	0.000295	
0.5	0.37	D07LA4	1620	18.6	2.1	2.48	1.24	DD/D	0.66	-	2.8	2.4	2.4	2.5	0.00914	0.000385	E003, E004
0.75	0.55	D08MA4	1680	27.4	3.1	2.24	1.12	DD/D	0.75	-	4.6	2.3	2.1	2.5	0.0273	0.00115	ES(X)010
1	0.75	DPE08XB4	1735	36.29	4.1	2.67	1.34	DD/D	0.67	85.5	6.4	3.6	3.1	4	0.0474607204	0.002	EH(X)010/027
1	0.75	DPE09LA4	1750	36.29	4.1	2.32	1.16	DD/D	0.76	85.5	7.7	3.7	3.4	4.2	0.0759371526	0.0032	
1.5	1.1	DPE09XB4	1755	53.10	6	3.52	1.76	DD/D	0.73	86.5	8.7	4.2	3.8	5	0.1162787649	0.0049	ES(X)010/027
2	1.5	DPE09XB4	1745	72.58	8.2	4.64	2.32	DD/D	0.76	86.5	7.6	3.6	3.4	4.3	0.1162787649	0.0049	EH(X)027/040
2.4	1.8	DPE09XB4C	1760	86.74	9.8	5.12	2.56	DD/D	0.8	86.5	8.3	2.6	2.1	4	0.1637394852	0.0069	
3	2.2	DPE11MA4	1760	106	12	6.40	3.20	DD/D	0.78	89.5	8.5	4.5	3.6	4.9	0.2491687818	0.0105	ES(X)027/040/070 EH(X)070/125
4	3	DPE11LB4	1760	144	16.3	8.32	4.16	DD/D	0.81	89.5	9	3.8	3.3	4.6	0.403416123	0.017	
5	3.7	DPE11LB4	1760	177	20	10.08	5.04	DD/D	0.82	89.5	8.6	3.6	3.1	4.3	0.403416123	0.017	
5.5	4	DPE11LB4	1760	192	21.7	11.04	5.52	DD/D	0.81	89.5	9.3	3.7	3	4.7	0.403416123	0.017	
6	4.5	DPE11LB4	1750	217	24.5	12.16	6.08	DD/D	0.83	89.5	8.4	3.2	2.6	4.1	0.403416123	0.017	
7.5	5.5	DPE13XA4	1770	261	29.5	15.20	7.60	DD/D	0.79	91.7	9	4.4	3.1	4.2	0.949214407	0.04	ES(X)040/070/125
10	7.5	DPE13XA4	1765	358	40.5	21.12	10.56	DD/D	0.77	91.7	8.5	3.7	3	4.1	0.949214407	0.04	EH(X)200
12.75	9.5	DPE16LB4	1780	451	51	26.72	13.36	DD/D	0.77	92.4	8.7	3.5	2.1	3.5	1.8035073733	0.076	ES(X)125/200 EH(X)400 ZS(X)300
15	11	DPE16LB4	1780	522	59	30.88	15.44	DD/D	0.77	92.4	8	3.3	2	3.3	1.8035073733	0.076	
16.8	12.5	DPE16XB4	1770	593	67	33.60	16.80	DD/D	0.82	92.4	7.7	3	2	3	2.301844937	0.097	
20	15	DPE16XB4	1780	708	80	41.92	20.96	DD/D	0.77	93	8.8	3.7	2.3	3.6	2.301844937	0.097	
25	18.5	DPE18LB4	1780	876	99	49.60	24.80	DD/D	0.8	93.6	9.6	4.3	2.7	3.7	4.0341612298	0.17	ES(X)250 EH(X)400 ZS(X)500
30	22	DPE18XB4	1780	1044	118	58.40	29.20	DD/D	0.81	93.6	9.1	3.9	2.4	3.2	4.6274202341	0.195	
40	30	DPE20XA4	1785	1416	160	74.40	37.20	DD/D	0.86	94.1	9.5	3.4	2.9	3.9	9.2311101081	0.389	ES(X)250 ZS(X)500
50	37	DPE22MA4	1780	1752	198	96.00	48.00	DD/D	0.82	94.5	9.7	3.7	3.3	4.2	10.2515155956	0.432	

P	Rated torque at 60 Hz mains frequency
n_N	Typical rated rotor shaft speed at 60 Hz mains frequency
M_N	Rated torque at rotor shaft
I_N	Rated current at 460 V (for other special voltages, multiply by the inverse voltage ratio to convert the current at 460 V to the current at the desired voltage)
cos φ	Power factor
Nom. Eff.	Efficiency at full load
I_A/I_N	Relative starting current
M_A/M_N	Relative starting torque
M_S/M_N	Relative pull-up torque
M_K/M_N	Relative breakdown torque
J_{rot}	Rotor moment of inertia
Brake	Brake configuration (see Section 15)

The standard motor winding configuration is for 460 V / 60 Hz.

All motors designed for thermal class F are suitable for operation over the voltage range 440–480 V or 460 V +/- 10%.

Note: the current, power factor and torque vary depending on the deviation from 460 V.

See “www.bauergears.com” for more information.

4-pole motors for intermittent periodic duty (S3/S6) and 60 Hz mains frequency

60 Hz

P kW	DC	Type	n 1/min	M_N Nm	I_N (460 V) A	Connection	cos φ	I_A/I_N	M_A/M_N	M_S/M_N	M_K/M_N	J_{rot} kgm²
0.15	15%	D04LA4	1620	0.87	0.56	Y	0.77	2.2	1.8	1.7	1.8	0.000175
0.3	15%	D05LA4	1620	1.75	0.9	Y	0.75	2.8	2.1	2.0	2.1	0.000295
0.3	60%	D06LA4	1620	1.75	0.9	Y	0.75	2.8	2.1	2.0	2.1	0.000295
0.55	60%	D07LA4	1620	3.2	1.78	Y	0.86	3.7	1.8	1.6	1.8	0.000385
0.75	60%	D08MA4	1680	4.2	1.84	Y	0.81	3.7	1.8	1.5	1.9	0.00115
1.1	60%	D08LA4	1680	6.2	2.5	Y	0.82	3.6	1.6	1.5	1.9	0.0015
1.5	60%	D09SA4	1680	8.5	3.3	Y	0.84	4.3	1.9	1.6	2.2	0.00245
2.2	60%	D09LA4	1680	12.5	4.5	Y	0.86	4.3	1.8	1.6	2.1	0.0032
3.0	60%	D09XA4	1680	16.6	6.2	Y	0.86	3.7	1.9	1.8	2.1	0.0038
4.0	60%	D11SA4	1710	22	8.1	D	0.85	4.4	1.8	1.5	2.2	0.0081
5.5	60%	D11MA4	1710	30.5	10.7	D	0.87	4.7	1.6	1.6	2.2	0.0105
7.5	60%	D11LA4	1710	41.5	14.6	D	0.87	5.0	2.0	1.9	2.3	0.014
9.5	60%	D13MA4	1710	53	17.3	D	0.87	5.4	2.1	1.8	2.4	0.029
11	60%	D13LA4	1710	60	20	D	0.84	6.0	2.6	2.3	2.7	0.0335
13.5	60%	D16MA4	1760	73	25.5	D	0.84	6.1	2.3	1.8	2.2	0.057
18.5	60%	D16LA4	1760	100	35	D	0.84	5.6	2.1	1.8	2.3	0.076
22	60%	D16XA4	1760	120	42	D	0.84	5.9	2.3	1.4	2.2	0.087
30	60%	D18LA4	1760	163	53	D	0.89	4.9	2.0	1.6	1.9	0.16
37	60%	D18XA4	1760	200	68	D	0.85	6.0	2.7	2.2	2.5	0.195

P	Rated output at 60 Hz mains frequency, S3/S6 duty
DC	Permissible duty cycle
n	Typical rated rotor shaft speed at 60 Hz Mains frequency
M_N	Rated shaft torque
I_N	Rated current at 460 V (for other special voltages, multiply by the inverse voltage ratio to convert the current at 460 V to the current at the desired voltage)
cos φ	Power factor
I_A/I_N	Relative starting current
M_A/M_N	Relative starting torque
M_S/M_N	Relative pull-up torque
M_K/M_N	Relative breakdown torque
J_{rot}	Rotor moment of inertia

The standard motor winding configuration is for 460 V / 60 Hz.

See Bauer Publication SD4xx for additional information.

Motors

Operation with frequency converter

The figures given in the table below are for Bauer motors operating in conjunction with the frequency inverter. The torques referred to in tables can be entered for the respective frequencies in continuous operation (S1 = duty factor 100 %).

Motor torques for frequency-converter range 5 Hz - 80 Hz, line frequency 60 Hz / Imperial

P		Type	Connection	5 Hz M	10 Hz M	20 Hz M	30 Hz M	60 Hz M	70 Hz M	80 Hz M	5 Hz I	10 Hz I	20 Hz I	30 Hz I	60 Hz I	70 Hz I	80 Hz I
HP	kW			lb.f-in	lb.f-in	lb.f-in	lb.f-in	lb.f-in	lb.f-in	lb.f-in	A	A	A	A	A	A	A
0.075	0.055	D04LA4	Y	1.68	2.12	2.52	2.79	2.83	2.83	2.52	0.27	0.27	0.27	0.27	0.27	0.30	0.31
0.1	0.075	D04LA4	Y	2.26	2.83	3.41	3.72	3.81	3.81	3.19	0.31	0.33	0.34	0.35	0.35	0.39	0.38
0.12	0.09	D04LA4	Y	2.74	3.45	4.12	4.51	4.60	4.60	4.12	0.38	0.38	0.38	0.38	0.38	0.43	0.43
0.15	0.11	D04LA4	Y	3.36	4.25	5.04	5.58	5.66	5.66	4.51	0.41	0.41	0.42	0.42	0.42	0.47	0.43
0.1	0.075	D05LA4	Y	2.39	2.96	3.58	3.89	3.98	3.98	3.58	0.28	0.29	0.31	0.32	0.32	0.36	0.37
0.12	0.09	D05LA4	Y	2.79	3.50	4.20	4.60	4.69	4.69	4.20	0.33	0.34	0.35	0.35	0.35	0.39	0.40
0.15	0.11	D05LA4	Y	3.45	4.29	5.13	5.66	5.75	5.75	5.13	0.34	0.36	0.37	0.38	0.38	0.43	0.43
0.25	0.18	D05LA4	Y	5.58	6.99	8.41	9.20	9.38	9.38	8.41	0.54	0.56	0.59	0.60	0.60	0.67	0.68
0.33	0.25	D05LA4	Y	7.79	9.74	11.68	12.83	13.01	13.01	11.42	0.77	0.78	0.80	0.80	0.80	0.89	0.89
0.4	0.3	D05LA4	Y	9.29	11.59	13.90	15.22	15.49	15.49	13.90	0.89	0.91	0.92	0.93	0.93	1.03	1.06
0.1	0.075	D06LA4	Y	2.39	2.96	3.58	3.89	3.98	3.98	3.58	0.28	0.29	0.31	0.32	0.32	0.36	0.37
0.12	0.09	D06LA4	Y	2.79	3.50	4.20	4.60	4.69	4.69	4.20	0.33	0.34	0.35	0.35	0.35	0.39	0.40
0.15	0.11	D06LA4	Y	3.45	4.29	5.13	5.66	5.75	5.75	5.13	0.34	0.36	0.37	0.38	0.38	0.43	0.43
0.25	0.18	D06LA4	Y	5.58	6.99	8.41	9.20	9.38	9.38	8.41	0.54	0.56	0.59	0.60	0.60	0.67	0.68
0.33	0.25	D06LA4	Y	7.79	9.74	11.68	12.83	13.01	13.01	11.42	0.77	0.78	0.80	0.80	0.80	0.89	0.89
0.4	0.3	D06LA4	Y	9.29	11.59	13.90	15.22	15.49	14.87	11.42	0.84	0.90	0.96	1	1	1.07	0.97
0.5	0.37	D07LA4	Y	11.42	14.25	17.08	18.59	18.59	18.59	16.64	1.22	1.23	1.24	1.24	1.24	1.38	1.37
0.75	0.55	D08MA4	Y	16.46	20.36	24.78	26.55	27.44	27.44	23.90	1.22	1.28	1.35	1.40	1.40	1.55	1.55
1	0.75	DPE08XB4	Y	21.24	27.44	32.75	36.29	36.29	36.29	32.75	1.21	1.31	1.42	1.49	1.50	1.67	1.70
1	0.75	DPE09LA4	Y	21.24	26.55	31.86	35.40	36.29	36.29	31.86	1.01	1.13	1.26	1.34	1.35	1.50	1.53
1.5	1.1	DPE09XB4	Y	31.86	39.83	47.79	52.22	53.10	53.10	47.79	1.60	1.76	1.93	2.10	2.10	2.30	2.40
2	1.5	DPE09XB4	Y	43.37	53.99	64.61	71.69	72.58	72.58	64.61	2.20	2.40	2.70	2.80	2.80	3.10	3.20
2.4	1.8	DPE09XB4C	Y	51.33	64.61	77.89	84.97	86.74	86.74	77.89	2.40	2.70	3	3.20	3.20	3.60	3.70
3	2.2	DPE11MA4	Y	62.84	78.77	94.70	104	105	105	95	2.70	3.10	3.50	3.70	3.70	4.10	4.20
4	3	DPE11LB4	Y	85.85	108	129	142	144	144	129	3.90	4.40	4.90	5.20	5.20	5.80	5.90
5	3.7	DPE11LB4	Y	106	133	159	174	177	177	159	4.70	5.30	5.90	6.30	6.30	7	7.20
5.5	4	DPE11LB4	Y	115	143	173	186	190	190	173	5.20	5.80	6.50	6.90	6.90	7.70	7.80
6	4.5	DPE11LB4	Y	130	162	195	212	217	217	195	5.50	6.20	7.10	7.60	7.60	8.50	8.60
7.5	5.5	DPE13XA4	Y	157	195	235	257	261	261	235	7.10	7.90	8.90	9.50	9.50	10.60	10.80
10	7.5	DPE13XA4	Y	212	266	319	354	358	358	319	9	10.30	11.70	12.50	12.60	14	14.30
12.75	9.5	DPE16LB4	Y	270	336	403	443	451	451	403	11.80	13.30	15	16	16.10	17.90	18.20
15	11	DPE16LB4	Y	310	389	469	513	522	522	469	13.50	15.30	17.20	18.50	18.60	21	21.50
17	12.5	DPE16XB4	Y	354	443	531	584	593	593	531	14.60	16.80	19.30	21	21	23.50	24
20	15	DPE16XB4	Y	425	531	637	699	708	708	637	17.10	19.60	22.50	24.50	24.50	27.50	28
25	18.5	DPE18LB4	Y	522	655	788	859	876	876	788	22	25	28.50	30.50	30.50	34	34.50
30	22	DPE18XB4	Y	620	779	938	1027	1044	1044	938	26.50	30	34	36.50	36.50	40.50	41.50
40	30	DPE20XA4	Y	850	1062	1275	1398	1416	1416	1275	35.50	40.50	45.50	48.50	49	54	56
50	37	DPE22MA4	Y	1044	1310	1575	1726	1752	1752	1575	41.50	47.50	54	58	59	65	66

Field weakening for frequencies above 60 Hz, winding for standard voltage **460 V Y / 60 Hz**, Temperature Class F.

P Rated output
M Permissible load torque (S1-100 %) for operation with frequency inverter
I Load current for operation with frequency inverter

Motors with standard windings can be switched from Y- to Δ- circuit for operation with a converter having a single-phase mains connection. This has no effect on the torques and frequencies as listed in the table above. As regards the choice of converter, however, note that currents are higher than those of the Y-circuit by a factor of 1.73.

The load currents in the table are guideline values for selecting the size of frequency inverter. Load current is lower if the load torque is below the values permitted for 30-70 Hz and the frequency inverter used is of the high-grade type. This means that a smaller inverter can sometimes be used, particularly in conjunction with large motors.

Motor torques for frequency-converter range 5 Hz - 80 Hz. line frequency 60 Hz / Metric

P		Type	Connection	5 Hz	10 Hz	20 Hz	30 Hz	60 Hz	70 Hz	80 Hz	5 Hz	10 Hz	20 Hz	30 Hz	60 Hz	70 Hz	80 Hz
				M	M	M	M	M	M	M	I	I	I	I	I	I	I
HP	kW			Nm	Nm	Nm	Nm	Nm	Nm	Nm	A	A	A	A	A	A	A
0.075	0.055	D04LA4	Y	0.19	0.24	0.285	0.315	0.32	0.32	0.285	0.265	0.27	0.27	0.27	0.27	0.3	0.31
0.1	0.075	D04LA4	Y	0.255	0.32	0.385	0.42	0.43	0.43	0.36	0.31	0.325	0.34	0.35	0.35	0.39	0.375
0.12	0.09	D04LA4	Y	0.31	0.39	0.465	0.51	0.52	0.52	0.465	0.38	0.38	0.38	0.38	0.38	0.425	0.43
0.15	0.11	D04LA4	Y	0.38	0.48	0.57	0.63	0.64	0.64	0.51	0.405	0.41	0.42	0.42	0.42	0.465	0.43
0.1	0.075	D05LA4	Y	0.27	0.335	0.405	0.44	0.45	0.45	0.405	0.275	0.29	0.31	0.32	0.32	0.355	0.365
0.12	0.09	D05LA4	Y	0.315	0.395	0.475	0.52	0.53	0.53	0.475	0.33	0.34	0.345	0.35	0.35	0.39	0.4
0.15	0.11	D05LA4	Y	0.39	0.485	0.58	0.64	0.65	0.65	0.58	0.34	0.355	0.37	0.38	0.38	0.425	0.43
0.25	0.18	D05LA4	Y	0.63	0.79	0.95	1.04	1.06	1.06	0.95	0.54	0.56	0.59	0.6	0.6	0.67	0.68
0.33	0.25	D05LA4	Y	0.88	1.1	1.32	1.45	1.47	1.47	1.29	0.77	0.78	0.8	0.8	0.8	0.89	0.89
0.4	0.3	D05LA4	Y	1.05	1.31	1.57	1.72	1.75	1.75	1.57	0.89	0.91	0.92	0.93	0.93	1.03	1.06
0.1	0.075	D06LA4	Y	0.27	0.335	0.405	0.44	0.45	0.45	0.405	0.275	0.29	0.31	0.32	0.32	0.355	0.365
0.12	0.09	D06LA4	Y	0.315	0.395	0.475	0.52	0.53	0.53	0.475	0.33	0.34	0.345	0.35	0.35	0.39	0.4
0.15	0.11	D06LA4	Y	0.39	0.485	0.58	0.64	0.65	0.65	0.58	0.34	0.355	0.37	0.38	0.38	0.425	0.43
0.25	0.18	D06LA4	Y	0.63	0.79	0.95	1.04	1.06	1.06	0.95	0.54	0.56	0.59	0.6	0.6	0.67	0.68
0.33	0.25	D06LA4	Y	0.88	1.1	1.32	1.45	1.47	1.47	1.29	0.77	0.78	0.8	0.8	0.8	0.89	0.89
0.4	0.3	D06LA4	Y	1.05	1.31	1.57	1.72	1.75	1.68	1.29	0.84	0.9	0.96	1	1	1.07	0.97
0.5	0.37	D07LA4	Y	1.29	1.61	1.93	2.1	2.1	2.1	1.88	1.22	1.23	1.24	1.24	1.24	1.38	1.37
0.75	0.55	D08MA4	Y	1.86	2.3	2.8	3	3.1	3.1	2.7	1.22	1.28	1.35	1.4	1.4	1.55	1.55
1	0.75	DPE08XB4	Y	2.4	3.1	3.7	4.1	4.1	4.1	3.7	1.43	1.51	1.61	1.67	1.67	1.85	1.89
1	0.75	DPE09LA4	Y	2.4	3	3.6	4	4.1	4.1	3.6	1.16	1.26	1.37	1.44	1.45	1.61	1.64
1.5	1.1	DPE09XB4	Y	3.6	4.5	5.4	5.9	6	6	5.4	1.8	1.94	2.1	2.2	2.2	2.5	2.5
2	1.5	DPE09XB4	Y	4.9	6.1	7.3	8.1	8.2	8.2	7.3	2.4	2.6	2.8	2.9	2.9	3.2	3.3
2.4	1.8	DPE09XB4C	Y	5.8	7.3	8.8	9.6	9.8	9.8	8.8	2.4	2.7	3	3.2	3.2	3.6	3.7
3	2.2	DPE11MA4	Y	7.1	8.9	10.7	11.7	11.9	11.9	10.7	2.8	3.1	3.5	3.7	3.7	4.1	4.2
4	3	DPE11LB4	Y	9.7	12.2	14.6	16.1	16.3	16.3	14.6	3.9	4.4	4.9	5.2	5.2	5.8	5.9
5	3.7	DPE11LB4	Y	12	15	18	19.7	20	20	18	4.7	5.3	5.9	6.3	6.3	7	7.2
5.5	4	DPE11LB4	Y	13	16.2	19.5	21	21.5	21.5	19.5	5.2	5.8	6.5	6.9	6.9	7.7	7.8
6	4.5	DPE11LB4	Y	14.7	18.3	22	24	24.5	24.5	22	5.5	6.2	7.1	7.6	7.6	8.5	8.6
7.5	5.5	DPE13XA4	Y	17.7	22	26.5	29	29.5	29.5	26.5	7.2	8	8.9	9.5	9.5	10.6	10.8
10	7.5	DPE13XA4	Y	24	30	36	40	40.5	40.5	36	10.2	11.3	12.4	13.1	13.2	14.7	15
12.75	9.5	DPE16LB4	Y	30.5	38	45.5	50	51	51	45.5	12.7	14.1	15.6	16.6	16.7	18.5	18.9
15	11	DPE16LB4	Y	35	44	53	58	59	59	53	14.6	16.3	18.1	19.2	19.3	21.5	22
17	12.5	DPE16XB4	Y	40	50	60	66	67	67	60	14.6	16.8	19.3	21	21	23.5	24
20	15	DPE16XB4	Y	48	60	72	79	80	80	72	19.9	22.5	24.5	26	26.5	29.5	30
25	18.5	DPE18LB4	Y	59	74	89	97	99	99	89	23	26	29	31	31	34.5	35.5
30	22	DPE18XB4	Y	70	88	106	116	118	118	106	26.5	30	34	36.5	36.5	40.5	41.5
40	30	DPE20XA4	Y	96	120	144	158	160	160	144	32.5	37.5	43	46.5	46.5	52	53
50	37	DPE22MA4	Y	118	148	178	195	198	198	178	44	49.5	56	60	60	67	68

Field weakening for frequencies above 60 Hz, winding for standard voltage **460 V Y / 60 Hz**, Temperature Class F.

P Rated output
M Permissible load torque (S1-100 %) for operation with frequency inverter
I Load current for operation with frequency inverter

Motors with standard windings can be switched from Y- to Δ- circuit for operation with a converter having a single-phase mains connection. This has no effect on the torques and frequencies as listed in the table above. As regards the choice of converter, however, note that currents are higher than those of the Y-circuit by a factor of 1.73.

The load currents in the table are guideline values for selecting the size of frequency inverter. Load current is lower if the load torque is below the values permitted for 30-70 Hz and the frequency inverter used is of the high-grade type. This means that a smaller inverter can sometimes be used, particularly in conjunction with large motors.

Motor torques for frequency-converter range 5 Hz - 120 Hz, line frequency 60 Hz / Imperial

P		Type	Connection	5 Hz M	10 Hz M	20 Hz M	30 Hz M	104 Hz M	120 Hz M	5 Hz I	10 Hz I	20 Hz I	30 Hz I	104 Hz I	120 Hz I
HP	kW			lb.f-in	lb.f-in	lb.f-in	lb.f-in	lb.f-in	lb.f-in	A	A	A	A	A	A
0.075	0.055	D04LA4	D	1.68	2.12	2.52	2.79	2.83	2.83	0.46	0.465	0.47	0.47	0.47	0.52
0.1	0.075	D04LA4	D	2.26	2.83	3.41	3.72	3.81	3.81	0.54	0.56	0.59	0.61	0.61	0.67
0.12	0.09	D04LA4	D	2.74	3.45	4.12	4.51	4.6	4.6	0.66	0.66	0.66	0.66	0.66	0.73
0.15	0.11	D04LA4	D	3.36	4.25	5.04	5.58	5.66	5.66	0.7	0.71	0.72	0.73	0.73	0.8
0.1	0.075	D05LA4	D	2.39	2.96	3.58	3.89	3.98	3.98	0.475	0.5	0.54	0.56	0.56	0.61
0.12	0.09	D05LA4	D	2.79	3.5	4.2	4.6	4.69	4.69	0.57	0.59	0.6	0.61	0.61	0.67
0.15	0.11	D05LA4	D	3.45	4.29	5.13	5.66	5.75	5.75	0.59	0.61	0.64	0.66	0.66	0.73
0.25	0.18	D05LA4	D	5.58	6.99	8.41	9.2	9.38	9.38	0.93	0.97	1.01	1.04	1.04	1.15
0.33	0.25	D05LA4	D	7.79	9.74	11.68	12.83	13.01	13.01	1.34	1.35	1.38	1.39	1.39	1.53
0.4	0.3	D05LA4	D	9.29	11.59	13.9	15.22	15.49	15.49	1.54	1.57	1.6	1.61	1.62	1.78
0.1	0.075	D06LA4	D	2.39	2.96	3.58	3.89	3.98	3.98	0.475	0.5	0.54	0.56	0.56	0.61
0.12	0.09	D06LA4	D	2.79	3.5	4.2	4.6	4.69	4.69	0.57	0.59	0.6	0.61	0.61	0.67
0.15	0.11	D06LA4	D	3.45	4.29	5.13	5.66	5.75	5.75	0.59	0.61	0.64	0.66	0.66	0.73
0.25	0.18	D06LA4	D	5.58	6.99	8.41	9.2	9.38	9.38	0.93	0.97	1.01	1.04	1.04	1.15
0.33	0.25	D06LA4	D	7.79	9.74	11.68	12.83	13.01	13.01	1.34	1.35	1.38	1.39	1.39	1.53
0.4	0.3	D06LA4	D	9.29	11.59	13.9	15.22	15.49	15.22	1.45	1.55	1.66	1.73	1.74	1.88
0.5	0.37	D07LA4	D	11.42	14.25	17.08	18.59	18.59	18.59	2.2	2.2	2.2	2.2	2.2	2.4
0.75	0.55	D08MA4	D	16.46	20.36	24.78	26.55	27.44	27.44	2.2	2.2	2.4	2.5	2.5	2.7
1	0.75	DPE08XB4	D	21.24	27.44	32.75	36.29	36.29	36.29	2.5	2.7	2.8	2.9	2.9	3.2
1	0.75	DPE09LA4	D	21.24	26.55	31.86	35.40	36.29	36.29	2.1	2.2	2.4	2.5	2.6	2.8
1.5	1.1	DPE09XB4	D	31.86	39.83	47.79	52.22	53.10	53.10	3.2	3.4	3.7	3.8	3.8	4.2
2	1.5	DPE09XB4	D	43.37	53.99	64.61	71.69	72.58	72.58	4	4.4	4.8	5	5.1	5.6
2.4	1.8	DPE09XB4C	D	51.33	64.61	77.89	84.97	86.74	86.74	4.2	4.7	5.2	5.5	5.6	6.1
3	2.2	DPE11MA4	D	62.84	78.77	94.70	104	105	105	4.7	5.3	6	6.4	6.5	7.1
4	3	DPE11LB4	D	85.85	108	129	142	144	144	6.7	7.5	8.4	9	9.1	9.9
5	3.7	DPE11LB4	D	106	133	159	174	177	177	8.1	9.1	10.2	10.9	11	12
5.5	4	DPE11LB4	D	115	143	173	186	190	190	8.9	10	11.2	11.9	12	13.2
6	4.5	DPE11LB4	D	130	162	195	212	217	217	9.5	10.8	12.2	13.1	13.2	14.5
7.5	5.5	DPE13XA4	D	157	195	235	257	261	261	12.4	13.8	15.4	16.4	16.5	18.1
10	7.5	DPE13XA4	D	212	266	319	354	358	358	17.6	19.5	21.5	23	23	25.5
12.75	9.5	DPE16LB4	D	270	336	403	443	451	451	22	24.5	27.5	29	29	32
15	11	DPE16LB4	D	310	389	469	513	522	522	25.5	28.5	31.5	33.5	33.5	37
17	12.5	DPE16XB4	D	354	443	531	584	593	593	25.5	29.5	33.5	36	36.5	40
20	15	DPE16XB4	D	425	531	637	699	708	708	34.5	38.5	42.5	45.5	45.5	50
25	18.5	DPE18LB4	D	522	655	788	859	876	876	39.5	44.5	50	54	54	60
30	22	DPE18XB4	D	620	779	938	1027	1044	1044	45.5	52	59	63	64	70
40	30	DPE20XA4	D	850	1062	1275	1398	1416	1416	56	65	74	80	81	89
50	37	DPE22MA4	D	1044	1310	1575	1726	1752	1752	76	86	97	103	104	115

Field weakening for frequencies above 104 Hz, winding for standard voltage **265 V Δ / 60 Hz** (U_{max} = 460 V Δ/104 Hz), Temperature Class F.

P Rated output
M Permissible load torque (S1-100 %) for operation with frequency inverter
I Load current for operation with frequency inverter

The load currents in the table are guideline values for selecting the size of frequency inverter. Load current is lower if the load torque is below the values permitted for 30-100 Hz and the frequency inverter used is of the high-grade type. This means that a smaller inverter

Motor torques for frequency-converter range 5 Hz - 120 Hz, line frequency 60 Hz / Metric

P		Type	Connection	5 Hz M	10 Hz M	20 Hz M	30 Hz M	104 Hz M	120 Hz M	5 Hz I	10 Hz I	20 Hz I	30 Hz I	104 Hz I	120 Hz I
HP	kW			Nm	Nm	Nm	Nm	Nm	Nm	A	A	A	A	A	A
0.075	0.055	D04LA4	D	0.19	0.24	0.285	0.315	0.32	0.32	0.46	0.465	0.47	0.47	0.47	0.52
0.1	0.075	D04LA4	D	0.255	0.32	0.385	0.42	0.43	0.43	0.54	0.56	0.59	0.61	0.61	0.67
0.12	0.09	D04LA4	D	0.31	0.39	0.465	0.51	0.52	0.52	0.66	0.66	0.66	0.66	0.66	0.73
0.15	0.11	D04LA4	D	0.38	0.48	0.57	0.63	0.64	0.64	0.7	0.71	0.72	0.73	0.73	0.8
0.1	0.075	D05LA4	D	0.27	0.335	0.405	0.44	0.45	0.45	0.475	0.5	0.54	0.56	0.56	0.61
0.12	0.09	D05LA4	D	0.315	0.395	0.475	0.52	0.53	0.53	0.57	0.59	0.6	0.61	0.61	0.67
0.15	0.11	D05LA4	D	0.39	0.485	0.58	0.64	0.65	0.65	0.59	0.61	0.64	0.66	0.66	0.73
0.25	0.18	D05LA4	D	0.63	0.79	0.95	1.04	1.06	1.06	0.93	0.97	1.01	1.04	1.04	1.15
0.33	0.25	D05LA4	D	0.88	1.1	1.32	1.45	1.47	1.47	1.34	1.35	1.38	1.39	1.39	1.53
0.4	0.3	D05LA4	D	1.05	1.31	1.57	1.72	1.75	1.75	1.54	1.57	1.6	1.61	1.62	1.78
0.1	0.075	D06LA4	D	0.27	0.335	0.405	0.44	0.45	0.45	0.475	0.5	0.54	0.56	0.56	0.61
0.12	0.09	D06LA4	D	0.315	0.395	0.475	0.52	0.53	0.53	0.57	0.59	0.6	0.61	0.61	0.67
0.15	0.11	D06LA4	D	0.39	0.485	0.58	0.64	0.65	0.65	0.59	0.61	0.64	0.66	0.66	0.73
0.25	0.18	D06LA4	D	0.63	0.79	0.95	1.04	1.06	1.06	0.93	0.97	1.01	1.04	1.04	1.15
0.33	0.25	D06LA4	D	0.88	1.1	1.32	1.45	1.47	1.47	1.34	1.35	1.38	1.39	1.39	1.53
0.4	0.3	D06LA4	D	1.05	1.31	1.57	1.72	1.75	1.72	1.45	1.55	1.66	1.73	1.74	1.88
0.5	0.37	D07LA4	D	1.29	1.61	1.93	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.4
0.75	0.55	D08MA4	D	1.86	2.3	2.8	3	3.1	3.1	2.2	2.2	2.4	2.5	2.5	2.7
1	0.75	DPE08XB4	D	2.4	3.1	3.7	4.1	4.1	4.1	2.5	2.7	2.8	2.9	2.9	3.2
1	0.75	DPE09LA4	D	2.4	3	3.6	4	4.1	4.1	2.1	2.2	2.4	2.5	2.6	2.8
1.5	1.1	DPE09XB4	D	3.6	4.5	5.4	5.9	6	6	3.2	3.4	3.7	3.8	3.8	4.2
2	1.5	DPE09XB4	D	4.9	6.1	7.3	8.1	8.2	8.2	4	4.4	4.8	5	5.1	5.6
2.4	1.8	DPE09XB4C	D	5.8	7.3	8.8	9.6	9.8	9.8	4.2	4.7	5.2	5.5	5.6	6.1
3	2.2	DPE11MA4	D	7.1	8.9	10.7	11.7	11.9	11.9	4.7	5.3	6	6.4	6.5	7.1
4	3	DPE11LB4	D	9.7	12.2	14.6	16.1	16.3	16.3	6.7	7.5	8.4	9	9.1	9.9
5	3.7	DPE11LB4	D	12	15	18	19.7	20	20	8.1	9.1	10.2	10.9	11	12
5.5	4	DPE11LB4	D	13	16.2	19.5	21	21.5	21.5	8.9	10	11.2	11.9	12	13.2
6	4.5	DPE11LB4	D	14.7	18.3	22	24	24.5	24.5	9.5	10.8	12.2	13.1	13.2	14.5
7.5	5.5	DPE13XA4	D	17.7	22	26.5	29	29.5	29.5	12.4	13.8	15.4	16.4	16.5	18.1
10	7.5	DPE13XA4	D	24	30	36	40	40.5	40.5	17.6	19.5	21.5	23	23	25.5
12.75	9.5	DPE16LB4	D	30.5	38	45.5	50	51	51	22	24.5	27.5	29	29	32
15	11	DPE16LB4	D	35	44	53	58	59	59	25.5	28.5	31.5	33.5	33.5	37
17	12.5	DPE16XB4	D	40	50	60	66	67	67	25.5	29.5	33.5	36	36.5	40
20	15	DPE16XB4	D	48	60	72	79	80	80	34.5	38.5	42.5	45.5	45.5	50
25	18.5	DPE18LB4	D	59	74	89	97	99	99	39.5	44.5	50	54	54	60
30	22	DPE18XB4	D	70	88	106	116	118	118	45.5	52	59	63	64	70
40	30	DPE20XA4	D	96	120	144	158	160	160	56	65	74	80	81	89
50	37	DPE22MA4	D	118	148	178	195	198	198	76	86	97	103	104	115

Field weakening for frequencies above 104 Hz, winding for standard voltage **265 V Δ / 60 Hz** (U_{max} = 460 V Δ/104 Hz), Temperature Class F.

P Rated output
M Permissible load torque (S1-100 %) for operation with frequency inverter
I Load current for operation with frequency inverter

The load currents in the table are guideline values for selecting the size of frequency inverter. Load current is lower if the load torque is below the values permitted for 30-100 Hz and the frequency inverter used is of the high-grade type. This means that a smaller inverter can sometimes be used, particularly in conjunction with large motors.

Operation with frequency converter

Notes on design

Use the torque required at the lowest operating speed to select motors for applications which require constant torque over the entire speed range, as is the case, for example, with lifting gear and conveyors. Bear in mind, too, the possibility of torque being lower in the field-weakening range.

Use only the torque required at the highest operating speed to select motors for applications which require square-law torque over the speed range, as is the case, for example, with pumps and fans. Field weakening is not permissible.

The motor‘s power is frequency-dependent. It can be approximated in kW from torque M in Nm, the 50 Hz or 60 Hz speed n and the frequency f in Hz by means of the equation

P = M x n / 9550 x f/50
or
P = M x n / 9550 x f/60

If a frequency inverter is used in conjunction with a pulse generator, the full 50 Hz or 60 Hz rated torque is available as holding torque at motor standstill (independent fan required for prolonged periods at standstill). In many instances, however, a mechanical brake is necessary for holding a position exactly or for safety reasons.

The use of thermistors for the thermal protection of the motor winding for frequency inverter duty are strictly recommended (available at extra cost for all motor sizes).

Increased torque with reduced duty factor

A reduction in duty factor increases the torque available at the low end of the frequency range (up to the transition frequency for field weakening) in accordance with the factors in the table below:

Duty factor	Motor torque with reduced duty factor	Increase in current requirementapproximate
100 %	-	-
60 %	1.15 x S1 torque	1.15 x S1 current
40 %	1.30 x S1 torque	1.30 x S1 current
25 %	1.45 x S1 torque	1.45 x S1 current
15 %	1.60 x S1 torque	1.60 x S1 current

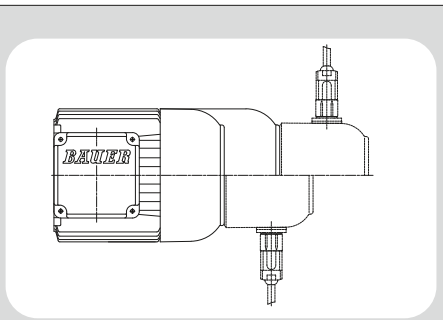
This, in turn, means that short-term overload by a factor of 1.6 is permissible for starting from a low speed, for example. An increase in torque in the field-weakening range due to a reduction in duty factor is possible only under certain conditions; the 1.6x S1 torque generally cannot be achieved

Increased torque with external fan

If an independent fan is used, the S1- torque in the lower frequency range (below 30 Hz) need not be reduced, i.e., when it has an independent fan the motor can provide the 50 Hz or 60 Hz rated torque throughout the entire frequency range to the cut-off frequency of the field weakening.

With a high quality frequency inverter of 160 %, when independent ventilation is combined with a reduced duty factor the 50 Hz or 60 Hz torque is available from rest through to the transition frequency of the field weakening range.

External ventilation is available for motor types D..08.. and larger (see chapter 16 “Motor-independent fan (FV). In many instances, a more economical alternative is to select a larger motor without external ventilation.



15

Motor-mounted components

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Functional description

The compression springs act on the anchor disc, which is free to move in the axial direction and presses the brake disc, which is keyed to the rotor shaft, against the friction plate or the motor bearing plate. This produces the braking torque.

When a DC voltage is applied to the coil in the electromagnet housing, it generates a magnetic force that opposes the spring force and causes the anchor disc to be pulled toward the electromagnet enclosure.

This releases the brake disc and disengages the brake.

Brakes are classified into two types according to how they are used: holding brakes and working brakes.

Holding brake ES.. / ZS..
brake that in normal operation does not convert kinetic energy into frictional energy but is only used to hold a mechanism in a particular position, but which can also be used for motion braking in an emergency.
Service brake ESX.. / ZSX..
A brake that converts kinetic energy into frictional energy in normal operation, which means that it brakes mechanical motion.
When a working brake is used as a holding brake, the braking torque tolerance of up to -30 % (in new condition) must be taken into account.

Product description of type ES(X) spring-actuated brakes

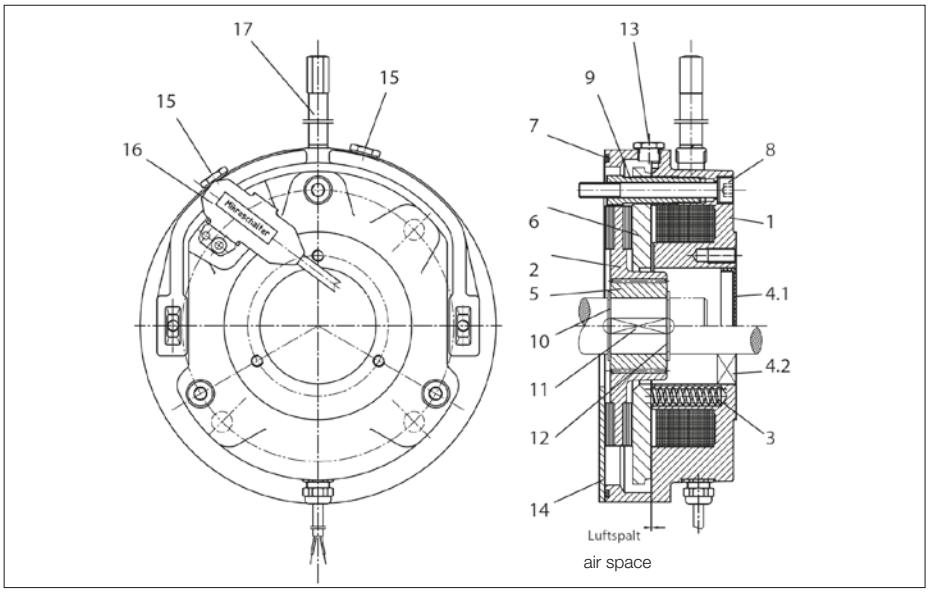


Figure 1: Construction of ES(X) brake

Construction of ES(X) brake

1	Electromagnet housing	9	Hollow screw
2	Brake disc	10	Retaining ring
3	Compression spring	11	Key
4.1	Cover plate with closed brake	12	Retaining ring
4.2	Shaft seal with through shaft	13	Screw plug for checking air gap
5	Drive bush	14	Friction plate (only with motor size Dxx08 or Dxx09)
6	Anchor disc	15	Screw plug for checking microswitch setting
7	O-ring	16	Microswitch (optional)
8	Fitting screw with copper washer	17	Manual release (optional)

Brake mounting
ES and ESX: Brake mounting is under the fan cover
EH and EHX: Brake mounting is on the fan cover

Options
- Manual release, non-locking or locking
- Microswitch for monitoring operation or wear

Product description of type ZS(X) spring-actuated brakes

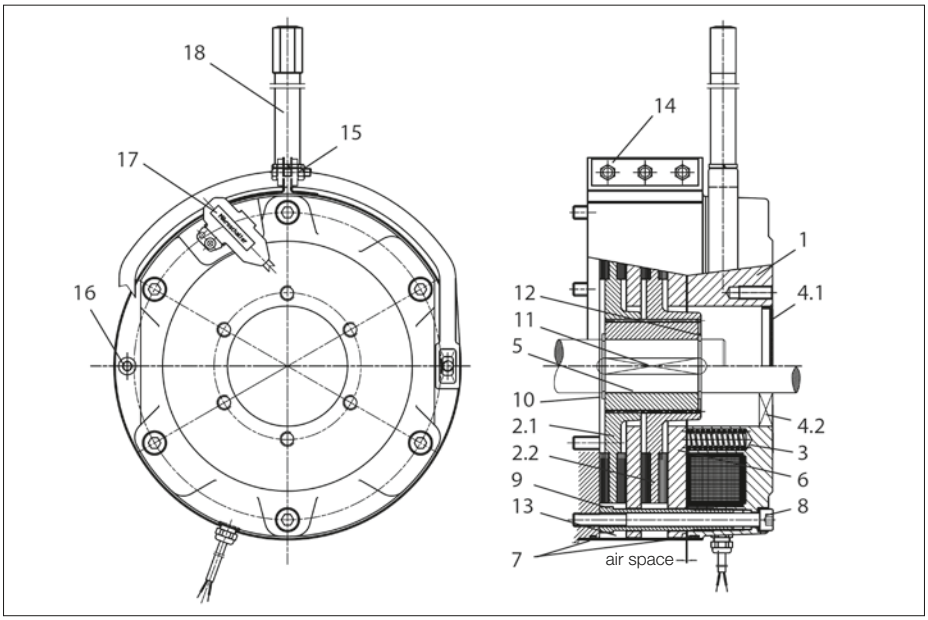


Figure 2: Construction of ZS(X) brake

Construction of ZS(X) brake

1	Electromagnet housing	9	Hollow screw
2.1	Brake disc	10	Retaining ring
2.2	Brake disc	11	Key
3	Compression spring	12	Retaining ring
4.1	Cover plate	13	Cover
4.2	Shaft seal with through shaft	14	Fitting screws
5	Drive bush	15	Bracket
6	Anchor disc	16	Assembly screw/assembly aid
7	O-ring	17	Microswitch (optional)
8	Fitting screw with copper washer	18	Manual release (optional)

Options

- Manual release, non-locking or locking
- Microswitch for monitoring operation or wear

Brake selection and sizing

If the working brake is undersized, it will have increased wear and a shorter lifetime. If it is oversized, the resulting mechanical forces may overload the drive.

If specific application data is not available, in the case of horizontally driven equipment we recommend selecting a braking torque with a safety factor (K) of 1 to 1.5 times the rated torque of the motor.

For braking to standstill, the selected braking torque should be at least 80 % of the rated torque of the drive.

Rated torque:

$$M_{Berf} = \frac{P \times 9550}{n_2} \times K$$

M_{Berf}	Braking torque	[Nm]
P	Motor power	[kW]
n	Rated speed at rotor shaft	[rpm]

For lifting operation, a braking torque equal to twice the rated motor torque should always be chosen for safety reasons.

If the moment of inertia, speed and allowable deceleration time of the machine are known, the braking torque can be calculated as described below.

External moments of inertia

If the masses to be decelerated by the brake do not run at the same speed as the rotor shaft, the moment of inertia (J_{ext}) must be reduced to the value at the rotor shaft

$$J_{ext'} = \frac{J_{ext1} \times n_1^2 + J_{ext2} \times n_2^2 + ... + J_{extn} \times n_n^2}{i^2}$$

or the external moment of inertia reduced by the gear ratio of the gear unit to the value at the rotor shaft.

$$J_{ext'} = \frac{J_{ext}}{i^2}$$

J_{ext}	Total external moment of inertia [kgm²]
$J_{ext'}$	Total external moment of inertia referenced to the rotor shaft [kgm²]
$J_{ext1,2,...}$	Individual external moments of inertia [kgm²]
i	Gear reduction ratio
n	Rotor shaft speed
$n_{1,2}$...	Speeds of the individual moments of inertia [rpm]

Load torque under static load

$$M_L = F \times r$$

M_L	Load torque [Nm]
F	Force [N]
r	radius [m]

Braking torque with dynamic load

A purely dynamic load is present when flywheels, rolls, etc. must be decelerated and the static load torque is negligible.

$$M_a = \frac{J_{ges} \times n_a}{9{,}55 \times (t_a - t_A)} = \frac{(J_{ext'} + J_{rot} + J_{Br}) \times n_a}{9{,}55 \times (t_a - t_A)}$$

J_{br}	Moment of inertia of the brake [kgm²]
J_{rot}	Moment of inertia of the rotor shaft and rotor [kgm²]
M_a	Deceleration torque [Nm]
n_a	Initial speed at start of deceleration [rpm]
t_a	Total deceleration time (from switch-off until drive is stationary) [s]
t_A	The response time of the brake for braking corresponds to t_{AC} or t_{DC} in the specification tables [s]

Dynamic and static loads

In most application situations, both static and dynamic loads are present.

$M_{Berf} = (M_a \pm M_L) \times K$ where $M_{Berf} \leq M_{Br}$ must hold true.

M_L braking (positive) or driving (negative) load torque [Nm]

Heat generated by each brake cycle

Friction converts the kinetic energy of the moving masses into heat.

This amounts to

$$W = \frac{J_{ges} \times n^2}{182{,}5} = \frac{(J_{ext'} + J_{rot} + J_{Br}) \times n_a^{\,2}}{182{,}5}$$ where $W \leq W_{max}$ must hold true.

W	Braking energy for each brake cycle [J]
M_{max}	Maximum permissible frictional energy per brake cycle (see brake tables)

Thermally allowable braking energy of working brakes

With a uniform sequence of brake cycles, which means a certain average number of brake cycles per hour, the temperature rises until an equilibrium between heat input and heat dissipation is reached. The temperature rise must be sized to avoid overheating the coil and the friction layer, taking the ambient temperature into account.

Braking to standstill:

$$W_Z = W \times Z \leq W_{th}$$

W_{th} Maximum allowable braking energy per hour
W_Z Braking energy with Z brake cycles
Z Number of brake cycles per hour

Lifting operation

In lowering operation, the drive motor acts as a generator and its braking effect results in a steady downward motion (constant speed). If we ignore transmission losses, under full load the drive must brake the load with the rated motor torque. If a mechanical brake with a braking torque equal to the braking torque of the motor is applied after the drive is switched off, the downward motion will continue at the same speed. This means that additional braking torque is necessary to stop the motion of the load. For example, if the brake is dimensioned for 200 % braking torque, approximately 100 % is used for “static” deceleration and the rest is used for “dynamic” deceleration. If part of the braking torque is required for braking the load during lowering (downward motion), the brake engagement time is greater, and the thermal load is therefore greater.

In this case

$$W_H = \frac{M_{Br}}{M_{Br} - M_L} \times W_Z$$

W_H Friction energy per hour in lifting operation
M_{Br} Braking torque of the brake

Brake lifetime
The energy absorbed during braking causes the brake disc to wear, which increases the air gap. If the air gap increases beyond a certain maximum gap size, the magnetic field is so weak that the pulling force of the electromagnet is no longer sufficient to release the brake. A proper air gap must be restored by adjusting the air gap or by replacing the brake disc, depending on the type of brake construction.

The maximum number of brake cycles until service is necessary can be calculated as follows:

$$Z_L = \frac{W_L}{W}$$

Z_L Number of brake cycles until the air gap limit is reached
W_L Maximum allowable braking energy until maintenance; i.e. replacing the brake disc or adjusting the air gap. Adjustment of the air gap is possible only with type ZXSxx brakes.

Deceleration time
The pure braking time from the start of mechanical braking to standstill depends on the braking deceleration.
Especially with lifting operation, but also in other types of operation, it is necessary to check whether the load torque reinforces the braking effect or counters the braking effect.

The deceleration time is therefore calculated as follows:

$$t_a = \frac{J_{ges} \times n_a}{9{,}55 \times (M_{Br} \pm M_L)}$$

Electrical connection

General

There are two basic options for providing the supply voltage for the DC electromagnet:
1. Externally from an existing DC control voltage mains or a rectifier in the cabinet.
2. From a rectifier built into the motor or brake terminal box. In this case, the rectifier can be powered either directly from the motor terminal board or from the mains.

Note that in the following cases the rectifier is not allowed to be connected to the terminal board of the motor:

- Pole-changing motors and motors with wide operating voltage range
- Operation from a frequency converter
- Other configurations in which the motor voltage is not constant, such as operation with soft-start devices, start-up transformers, etc.

Release

When the rated voltage is applied to the electromagnet coil, the current through the coils increases exponentially and with it the generated magnetic field. The current must rise to a certain value ($I_{release}$) before it overcomes the spring force and starts to release the brake.

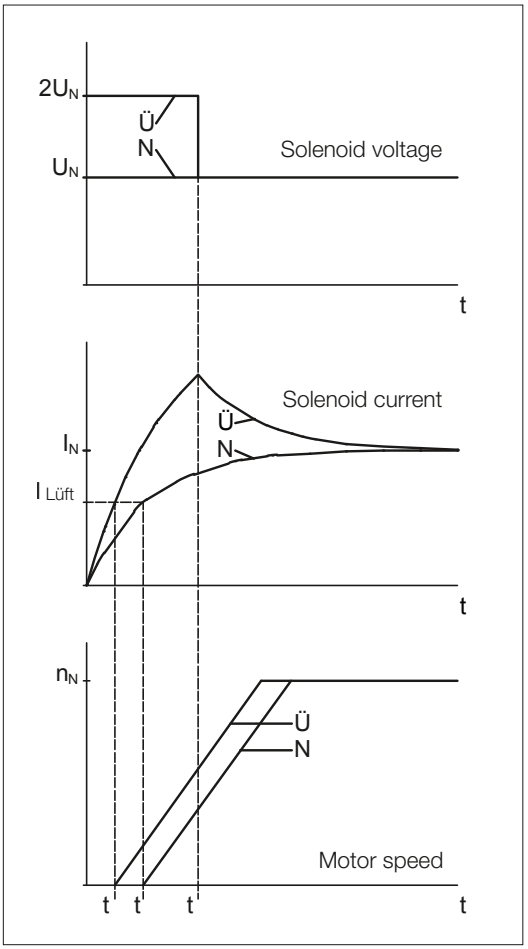


Figure 3: Idealized curves of coil voltage, coil current and motor speed with normal excitation (N) and overexcitation (Ü). $t_{Ü}$: overexcitation time; t_{AN}, $t_{AÜ}$: Response time with normal excitation and overexcitation.

Two different situations can arise during the response time tA, assuming that the voltage is applied to the motor and the brake simultaneously:

- The motor is locked if $M_A < M_L + M_{Br}$
  The motor draws its locked-rotor current, which increases the thermal load on the motor.
  This situation is illustrated in Figure 3.
- The brake slips if $M_A > M_L + M_{Br}$
  In this case, the brake is also thermally stressed during start-up and wears faster.

M_A: locked rotor torque of the motor; M_L: load torque; M_{Br}: braking torque

As can be seen, there is an additional load on the motor and brake in both cases. The effect of the response time increases with increasing brake size. Consequently, it is advisable to reduce the response time, especially with medium-sized and large brakes and with a high cycle rate. This can be achieved relatively easily by means of electrical overexcitation. With this approach, the coil is briefly operated at twice its rated voltage after switch-on.

This causes the current to rise faster than with normal excitation, and it reduces the response time by approximately 50 %. This overexcitation function is built into the type MSG special rectifier.

The release current increases with increasing air gap, and with it the response time. When the release current exceeds the rated coil current, the brake will not be released with normal excitation and the brake has reached its wear limit.

Braking
The brake does not start generating braking torque immediately after the coil voltage is switched off. First the magnetic energy must decline to the point that the spring force can overcome the magnetic force. This occurs at the holding current I_{hold}, which is lower than the release current.
The response time depends on how the voltage is switched off.

Switching off the AC supply voltage to a type SG standard rectifier

a) Rectifier powered from the motor terminal board (Figure 4, curve 1)
   Response time t_{A1}: very long

Cause: Due to the residual magnetism of the motor, after the motor voltage is switched off a slowly decaying voltage is induced, and it continues to supply power to the rectifier and thereby to the brake. In addition, the magnetic energy of the brake coil is dissipated relatively slowly in the freewheel circuit of the rectifier.

b) Rectifier powered separately (Figure 4, curve 2)
   Response time t_{A2}: long

Cause: After the rectifier voltage is switched off, the magnetic energy of the brake coil is dissipated relatively slowly in the freewheel circuit of the rectifier.

If the supply voltage is interrupted on the AC side, no significant switch-off voltage occurs on the electromagnet coil.

Interrupting the DC circuit of the electromagnet coil (Figure 4, curve 3)

a) By a mechanical switch
- with separate power supply from a DC control voltage mains or
- at the DC switch contacts (A2 and A3) of the type SG standard rectifier
Response time t_{A3}: very short

Cause: The magnetic energy of the brake coil is dissipated very quickly by arcing across the switch contacts.

b) Electronic
Using a type ESG or MSG special rectifier
Response time t_{A3}: short

Cause: The magnetic energy of the brake coil is dissipated quickly by a varistor integrated in the rectifier.

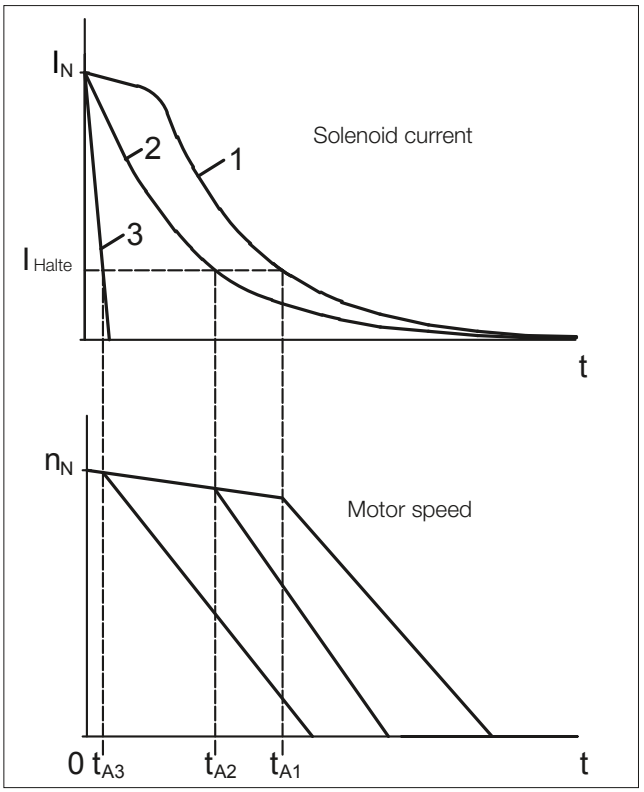


Figure 4 Idealized coil current and motor speed curves after switching off power on the AC side (1 and 2) or DC side (3)

If the circuit is interrupted on the DC side, a high voltage u_q is induce by the electromagnet coil. The magnitude of this voltage depends on the inductance L of the coil and the switch-off speed di/dt according to the formula

$$u_q = L \cdot \frac{di}{dt}$$

Due to the winding design, the inductance L increases with increasing rated coil voltage. Consequently, the voltage spikes induced at switch-off can reach hazardous levels with relatively high coil voltages. For this reason, a varistor is included in the circuit for all brakes with voltages greater than 24 V.
This varistor is solely intended to protect the electromagnet coil; it is not intended to protect adjacent electronic components or devices against electromagnetic interference. On request, brakes with rated voltages of 24 V or less can also be fitted with a varistor.
If the circuit is interrupted on the DC side by a mechanical switch, the resulting arcing over the switch contacts causes strong erosion of the contacts. For this reason, only special DC contactors or adapted AC contactors with contacts rated for use class AC3 as specified in EN 60947-4-1 may be used.

Specifications of holding brakes with emergency stop capability

The maximum allowable friction energy values stated here do not apply to brake motors for use in areas with potentially explosive atmospheres.
Refer to separate data in appropriate documents for explosion-proof drives.

Type	M_{Br} [Nm]	W_{max} [10^3 J]	W_{th} [10^3 J]	W_L [10^6 J]	t_A [ms]	t_{AC} [ms]	t_{DC} [ms]	P_{el} [W]	J [10^{-3} kgm²]
E003B9	3	1.5	-	-	35	150	15	20	0.01
E003B7	2.2	1.8	-	-	28	210	20		
E003B4	1.5	2.1	-	-	21	275	30		
E004B9	5	2.5	-	-	37	125	15	30	0.017
E004B8	4	3	-	-	30	160	18		
E004B6	2.8	3.6	-	-	23	230	26		
E004B4	2	4.1	-	-	18	290	37		
E004B2	1.4	4.8	-	-	15	340	47		
ES/EH010AX	15*	3	-	-	110	-	30	35	0.045
ES/EH010A9	10	3	-	-	60	100	15		
ES/EH010A8	8	3	-	-	55	150	20		
ES/EH010A5	5	3	-	-	45	220	20		
ES/EH010A4	4	3	-	-	30	250	20		
ES/EH010A2	2.5	3	-	-	25	350	25		
ES027AX	32*	2.5	-	-	80	-	30	50	0.172
ES/EH027A9	27	2.5	-	-	120	100	15		
ES/EH027A7	20	2.5	-	-	100	130	20		
ES/EH027A6	16	2.5	-	-	80	170	25		
ES/EH040A9	40	3.5	-	-	100	100	20	65	0.45
ES/EH040A8	34	3.5	-	-	80	200	25		
ES/EH040A7	27	3.5	-	-	70	250	30		
ES/EH070AX	90*	3.5	-	-	120	-	40	85	0.86
ES/EH070A9	70	3.5	-	-	120	150	18		
ES/EH070A8	63	3.5	-	-	120	200	20		
ES/EH070A7	50	3.5	-	-	90	220	25		
ES/EH125A9	125	4.5	-	-	170	220	25	105	1.22
ES/EH125A8	105	4.5	-	-	150	320	28		
ES/EH125A7	85	4.5	-	-	135	350	30		
ES/EH125A6	70	4.5	-	-	120	440	35		
ES125A5	57	4.5	-	-	100	600	40		
ES125A3	42	4.5	-	-	90	700	45		
ES/EH200A9**	200	8	-	-	400	150	22	105	2.85
ES/EH200A8**	150	8	-	-	280	250	35		
ES/EH200A7**	140	8	-	-	200	320	35		
ES250A9**	250	9	-	-	300	500	45	135	6.65
ES250A8**	200	9	-	-	200	960	60		
ES250A6**	150	9	-	-	160	1100	60		
ES250A5**	125	9	-	-	150	1500	90		
ES250A4**	105	9	-	-	130	1800	110		
ZS300A9**	300	8	-	-	280	220	35	75	5.7
ZS300A8**	250	8	-	-	210	380	45		
EH400A9**	400	10	-	-	300	600	60	180	19.5
EH400A7**	300	10	-	-	200	850	75		
EH400A5**	200	10	-	-	150	1400	85		
ZS500A9**	500	9	-	-	320	320	50	100	13.3
ZS500A8**	400	9	-	-	260	600	60		

* Requires overexcitation; permissible only with MSG rectifier
** Cannot be combined with PMSM motors of the S series

Braking torque tolerance: -10 / +30 %

W_{th} and WL are not specified because little or no braking energy is dissipated by holding brakes when they are used as intended.

For versions with braking torque marked with *, which may only be used with an MSG rectifier, the values of t_A and t_{DC} apply to operation with an MSG rectifier; i.e. t_A for overexcitation or t_{DC} for electronic circuit interruption on the DC side.

Due to the effects of operating temperature and manufacturing tolerances, actual response times may differ from the guideline values listed here.

Specifications of working brakes

The maximum braking energy values stated here do not apply to brake motors for use in areas with potentially explosive atmospheres. Refer to separate data in appropriate documents for explosion-proof drives.

Type	M_{Br} [Nm]	W_{max} [10^3 J]	W_{th} [10^3 J]	W_L [10^6 J]		t_A [ms]	t_{AC} [ms]	t_{DC} [ms]	P_{el} [W]	J [10^{-3} kgm^2]
				without HL***	with HL***					
E003B9	3	1.5	36	55	55	35	150	15	20	0.01
E003B7	2.2	1.8	36	90	90	28	210	20		
E003B4	1.5	2.1	36	140	140	21	275	30		
E004B9	5	2.5	60	50	50	37	125	15	30	0.017
E004B8	4	3	60	100	100	30	160	18		
E004B6	2.8	3.6	60	180	180	23	230	26		
E004B4	2	4.1	60	235	235	18	290	37		
E004B2	1.4	4.8	60	310	310	15	340	47		
ESX/EHX010AX	15*	3	250	120	120	110	-	30	35	0.045
ESX/EHX010A9	10	3	250	120	120	60	100	15		
ESX/EHX010A8	8	3	250	150	150	55	150	20		
ESX/EHX010A5	5	3	250	240	240	45	220	20		
ESX/EHX010A4	4	3	250	300	240	30	250	20		
ESX/EHX010A2	2.5	3	250	390	240	25	350	25		
ESX027AX	27*	10	350	150	150	80	-	30	50	0.172
ESX/EHX027A9	22	10	350	150	150	120	100	15		
ESX/EHX027A7	16	10	350	300	300	100	130	20		
ESX/EHX027A6	13	10	350	350	350	80	170	25		
ESX/EHX040A9	32	20	450	420	420	100	100	20	65	0.45
ESX/EHX040A8	27	20	450	560	490	80	200	25		
ESX/EHX040A7	22	20	450	700	490	70	250	30		
ESX/EHX070AX	72*	28	550	700	700	120	-	40	85	0.86
ESX/EHX070A9	58	28	550	500	500	120	150	18		
ESX/EHX070A8	50	28	550	800	700	120	200	20		
ESX/EHX070A7	40	28	550	1200	700	90	220	25		
ESX/EHX125AX	100*	40	700	1900	1900	100	-	70	105	1.22
ESX/EHX125A9	85	40	700	1700	1700	150	320	28		
ESX/EHX125A8	70	40	700	1900	1700	135	350	30		
ESX/EHX125A7	58	40	700	2700	1700	120	440	35		
ESX125A5	45	40	700	3300	1700	100	600	40		
ESX125A3	34	40	700	3300	1700	90	700	45		
ESX/EHX200AX**	160*	60	850	2000	2000	105	-	70	105	2.85
ESX/EHX200A9**	120	60	850	1700	1700	280	250	35		
ESX/EHX200A8**	110	60	850	2600	2600	200	320	35		
ESX250A9**	200	84	1000	2800	2800	300	500	45	135	6.65
ESX250A8**	160	84	1000	6800	5700	200	960	60		
ESX250A6**	120	84	1000	8500	5700	160	1100	60		
ESX250A5**	100	84	1000	11000	5700	150	1500	90		
ESX250A4**	85	84	1000	11000	5700	130	1800	110		
ZSX300A9**	250	60	850	1300	1300	280	220	35	75	5.7
ZSX300A8**	200	60	850	2000	2000	210	380	45		
EHX400A9**	320	120	1100	3000	3000	300	600	60	180	19.5
EHX400A7**	240	120	1100	4800	4800	200	850	75		
EHX400A5**	160	120	1100	6000	4800	150	1400	85		
ZSX500A9**	400	84	1000	2800	2800	320	320	50	100	13.3
ZSX500A8**	320	84	1000	4000	4000	260	600	60		

* Requires overexcitation; permissible only with MSG rectifier
** Cannot be combined with PMSM motors of the S series
*** HL = manual release

Braking torque tolerance:
E003 / E004: -10 / +30 %
ES(X)xxx / ZS(X)xxx: -20 / +30 % after run-in; up to -30 % in new condition.

For versions with braking torque marked with *, which may only be used with an MSG rectifier, the values of t_A and t_{DC} apply for operation with an MSG rectifier; i.e. t_A for overexcitation or t_{DC} for electronic circuit interruption on the DC side.

The values for W_L are guidelines; actual values may vary significantly depending on the application situation. Periodic inspection of the air gap or brake disc thickness is recommended.

Actual response times may differ from the times listed here due to the effects of operating temperature, brake disc wear and manufacturing tolerances.

Key to symbols

M_{Br}	Rated braking torque
W_{max}	Maximum allowable friction energy for an emergency stop with a holding brake
W_{max}	Maximum allowable friction energy for each brake cycle with working brakes
W_{th}	Maximum allowable braking energy per hour
W_L	Maximum allowable braking energy until maintenance; i.e. brake disc replacement or air gap adjustment. Air gap adjustment is possible only with type ZSXxxx brakes.
H_L	Manual release
t_A	Response time for release with normal excitation. Overexcitation with a type MSG special rectifier reduces the response time by approximately 50 %.
t_{AC}	Response time for brakes with AC-side switch-off, i.e. by switching off the supply voltage to a separately powered standard rectifier. If the supply voltage for the rectifier is taken from the motor terminals, considerably longer response times should be expected (depending on the motor size and winding design).
t_{DC}	Response time for braking with DC-side circuit interruption by a mechanical switch. In the case of electronic circuit interruption on the DC side by a type ESG or MSG special rectifier, the response times will be approximately two to three times as long.
P_{el}	Electromagnet coil power consumption at 20 °C. Depending on the rated voltage of the coil, the actual power may differ from the guideline value stated here.
J	Moment of inertia of the drive bush and brake disc(s)

Brake

Connection

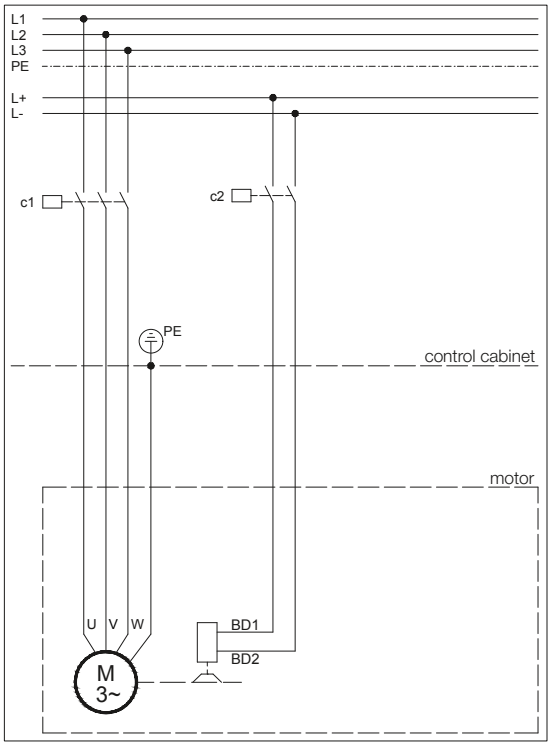
The electrical connections to the brake are made in the motor terminal box using terminals or the rectifier. Standard voltages:

380–420 V 50/60 Hz (brake coil voltage 180 V DC)
220–230 V 50/60 Hz (brake coil voltage 105 V DC)
24 V DC (brake coil voltage 24 V DC)

Other voltages are available at additional cost.

DC connection via terminals (K)

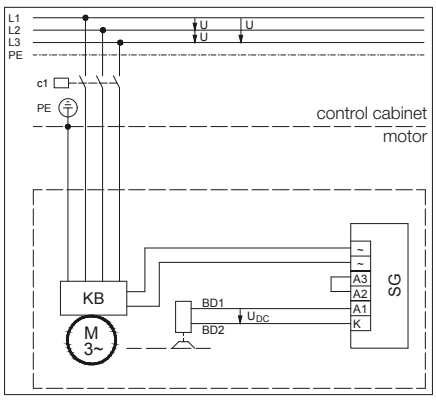
The brake must be connected via separate terminals in the motor or brake terminal box directly to the DC voltage. The standard voltages are 180 V DC, 105 V DC and 24 V DC. Brakes with other operating voltages are available at additional cost.

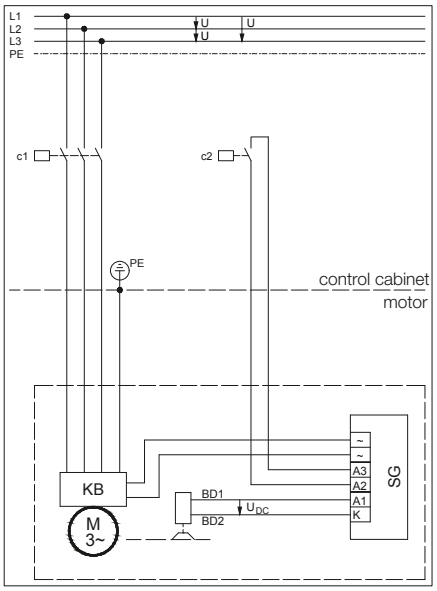


Standard rectifier (S)

Working principle	Half-wave rectifier with switch contacts for DC-side circuit interruption
Input voltage U_1	max. 575 VAC +5 %
Output voltage	0.45 x U_1 VDC
Max. output current	2.5 A DC
Ambient temperature	-40 to +40 °C
Connection	Caged Clamp terminals with clamp lever
Clampable conductor cross-section	max. 1.5 mm² without wire end sleeve max. 1.5 mm² with wire end sleeve
Approvals	c-CSA-us c-UL-us (only in combination with B2000 geared motors and brakes in the ES(X) or ZS(X) product series

The brake must be connected to the AC supply via the standard rectifier in the motor terminal box or brake terminal box. The standard voltages are 380 ... 420 V 50/60 Hz or 220 ... 230 V 50/60 Hz. Other voltages up to 575 V are available at extra cost. In a configuration with standard rectifier, the brake circuit can be interrupted by an extra contact on the d.c. side in order to reduce the response time. This significantly reduces the braking time and overtravel distance.





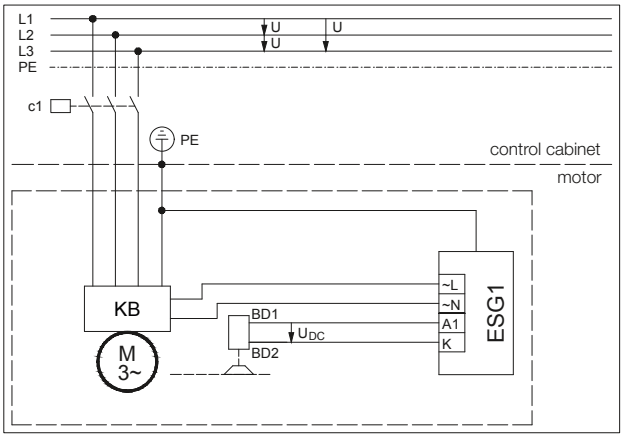
Voltage connection for the rectifier from the motor terminal block or cage clamp (see Rectifier Connection on Motor Terminal Block or Cage Clamp)

15

Rectifier for electronic rapid shutdown (E)

Working principle	Half-wave rectifier with electronic DC-side circuit interruption
Input voltage U_1	220–460 V AC ±5 %, 50/60 Hz
Output voltage	0.45 x U_1 V DC
Max. output current	1 A DC
Ambient temperature	-20 °C to +40 °C
Clampable conductor cross-section	max. 1.5 mm^2

This rectifier permits electronic DC-side interruption of the brake circuit. No additional cable to the rectifier is necessary. The rectifier is supplied complete with a protective resistor which prevents a mains short- circuit via the shutdown arc of the high-speed motor contactor. Brake response times are significantly shorter than those achievable by AC-side interruption of the brake circuit. They are, however, longer than those achievable with DC-side interruption by a mechanical switch. The brake must be connected to the alternating current via the rapid shutdown rectifier in the motor terminal box or the brake terminal box. The standard voltages are 380 ... 420 V 50/60 Hz or 220 ... 230 V 50/60 Hz. Other voltages up to 460 V are available at extra cost.



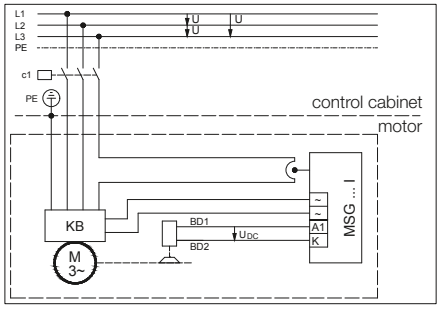
Voltage connection for the rectifier from the motor terminal block or cage clamp (see Rectifier Connection on Motor Terminal Block or Cage Clamp)

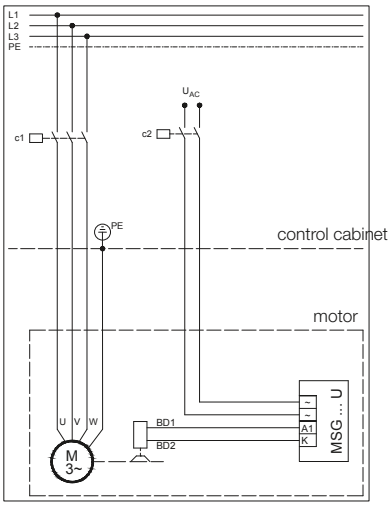
Standard rectifier (M)

Working principle	MSG 1.5.480I Half-wave rectifier with time-limited overexcitation and electronic DC-side circuit interruption Fast shutdown due to no motor current in one phase
Input voltage U1	220–480 V AC +6 / -10 %, 50/60 Hz
Output voltage	0.9 x U1 V DC during overexcitation 0.45 x U1 V DC over overexcitation period
Overexcitation time	0.3 s
Max. output current	1.5 A DC
Ambient temperature	-20 °C to +40 °C
Clampable conductor cross-section	max. 1.5 mm^2

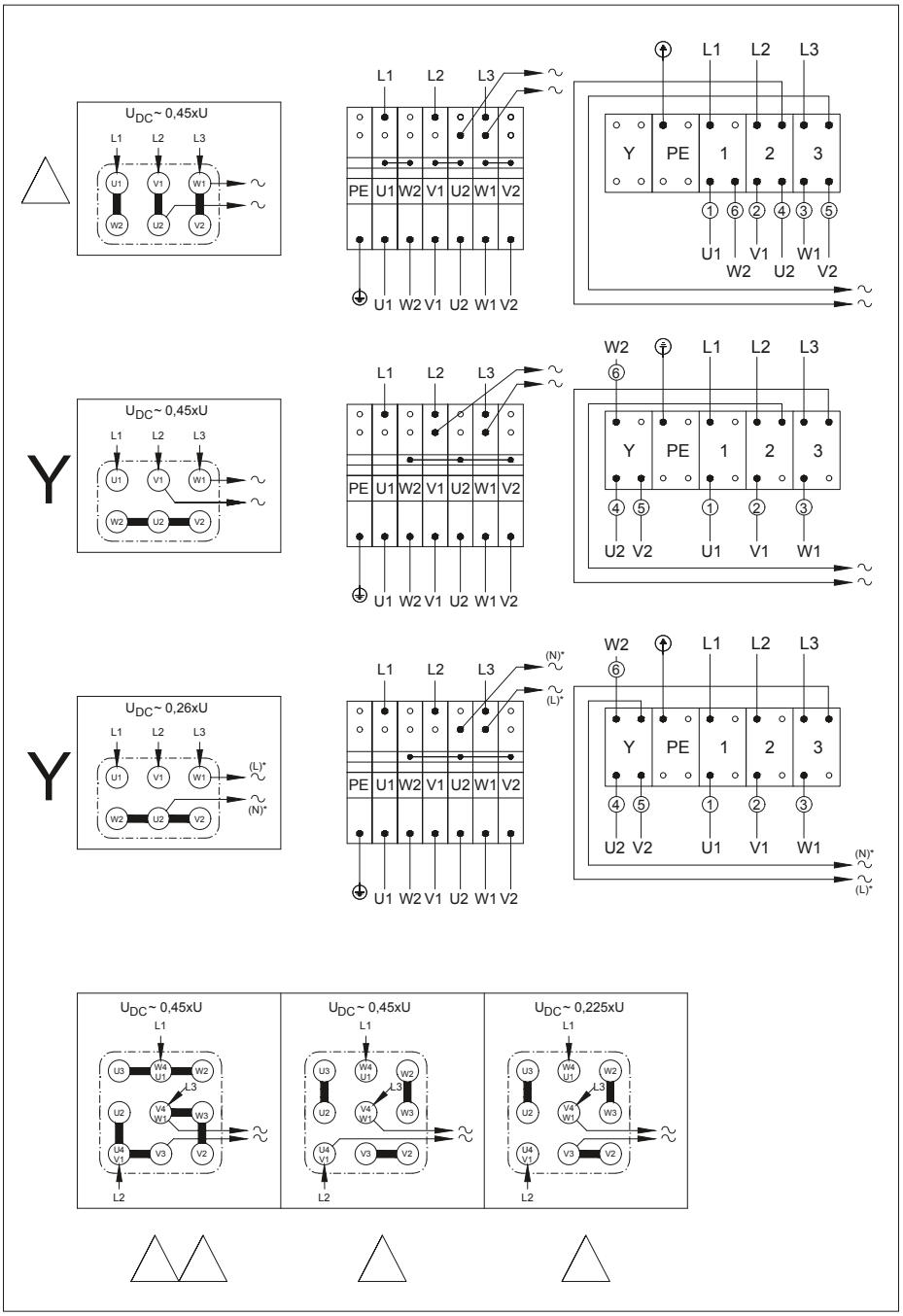
Working principle	MSG 1.5.500U Half-wave rectifier with time-limed overexcitation and electronic DC-side circuit interruption Fast shutdown due to the absence of input voltage
Input voltage U_1	220–500 V AC ±10 %, 50/60 Hz
Output voltage	0.9 x U_1 V DC during overexcitation 0.45 x U_1 V DC over overexcitation period
Overexcitation time	0.3 s
Max. output current	1.5 A DC
Ambient temperature	-20 °C to +40 °C
Clampable conductor cross-section	max. 1.5 mm^2

In cases where there are high motor switching frequencies, the brake can be de-energized more rapidly with this rectifier thereby significantly reducing the thermal stress on the motor. In addition, interrupting the brake‘s DC circuit by electronic means significantly reduces response times. Depending on the circumstances in which they are to be used, either the MSG 1.5.500 U (rapid shutdown brought about by removed supply voltage) or MSG 1.5.480 I (rapid shutdown brought about by removed motor current in a phase) is used. Power supply 220 to 480 V AC.





Rectifier Connection on Motor Terminal Block or Cage Clamp



Brake connection, operation with frequency converter

The voltage present at the motor terminal block when operating with a frequency converter is frequency-dependent. Brakes require a constant voltage, so they need a seperate electrical connection. This is the reason why the brake is not connected to the motor terminals ex- works.

Brake connection, pole-changing motors

The brakes of pole-changing motors need a seperate electrical connection. As is the case with motors for operation with frequency inverters, the brake is not connected to the motor terminals ex-works.

Manual release (HA, HN)

All brakes are available with mechanical manual release on request. Non-latching manual release is the standard version (HN). A latching manual release (HA) can be supplied if required for all brake sizes.

Explosion protection

Brakes for use in hazardous areas are subject to special regulations. Please consult our support specialists in these special cases.

Back stop (RR, RL)

Motors of size D..08 up D..22 are available with backstop. The locking rotational direction clockwise (RR) or anticlockwise (RL) is to given in the order. The reference is the connection side of the gearbox. Should the connection side not be clearly defined, gearbox side "**V**" (front) will be assumed (see chapter 16 Dimensions drawing "Motor with back stop").

Note that the back-stop functionality on a motor operating with a frequency converter is guaranteed only at rotor speeds above 740/min.

It is advisable to consult BAUER for applications in corrosive atmospheres, especially for motor-down installed positions.

Second motor extension (ZW, ZV)

The motors are also available on request with a second motor shaft extension in design ZW (shaft with key) or ZV (shaft with square end).

Half the central motor's rated power is available at each of the two shafts. Permissible radial loads available on request. Guards are not included in the scope of supply (for dimensional drawing see chapter 16).

Protective fan cowl (D)

Motors with brakes are available on request with a second shaft stub extended through the brake.

A protective hood over the fan cowl is recommended for outdoor installations where the motor is pointing upward and subject to severe or prolonged exposure to water (dimensional drawing, see chapter 16).

This protective hood is mandatory for upright explosion-proof motors.

Motor-independent fan (FV)

A special fan cowl for the textiles industry is available on request at extra cost. This design prevents airborne fibers and fluff clogging the fan cowl.

For special applications, standard motors and brake motors of size D08 and larger are available with externally mounted motor-independent fans. The standard line voltage of the motor-independent fan matches the voltage of the geared motor (dimensional drawing for motor-independent fan, see chapter 16).

The independent fans are supplied as standard with Bayonet-fitting for standard motors sizes D..16 and D..18 and brake motors sizes D..11 to D..18.

Technical Data:
Multivolt Conception Running capacitor for single phase duty enclosed as standard.

Technical Data Motor-independent fan

Mode	Frame size	Blower Diameter [mm]	Range of voltage [V]		max. permissible current [A]		max. power input [W]	
			50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
1 ~ ⊥ (Δ)	63	118	230-277	230-277	0.18	0.21	46	54
	71	132	230-277	230-277	0.18	0.21	48	56
	80	150	230-277	230-277	0.19	0.22	48	59
	90	169	220-277	220-277	0.29	0.23	59	61
	100	187	220-277	220-277	0.29	0.28	62	73
	112	210	220-277	220-277	0.27	0.36	64	88
	132	250	230-277	230-277	0.52	0.61	125	163
	160-200	300	230-277	230-277	1.05	1.52	246	390
3 ~ Y	63	118	346-525	380-575	0.09	0.08	28	29
	71	132	346-525	380-575	0.09	0.07	29	28
	80	150	346-525	380-575	0.09	0.07	33	36
	90	169	346-525	380-575	0.22	0.18	78	71
	100	187	346-525	380-575	0.21	0.18	80	80
	112	210	346-525	380-575	0.2	0.17	87	93
	132	250	346-525	380-575	0.37	0.32	160	180
	160-200	300	346-525	380-575	0.74	0.62	314	391
3 ~ Δ	63	118	200-303	220-332	0.15	0.14	28	29
	71	132	200-303	220-332	0.15	0.13	29	28
	80	150	200-303	220-332	0.16	0.13	33	36
	90	169	200-303	220-332	0.39	0.32	78	71
	100	187	200-303	220-332	0.37	0.3	80	80
	112	210	200-303	220-332	0.35	0.29	87	93
	132	250	200-303	220-332	0.64	0.55	160	180
	160-200	300	200-303	220-332	1.28	1.08	314	391

Heavy cast fan impeller

A heavy cast fan impeller can be used instead instead of the standard fan impeller with D05 to D09 motors in applications requiring soft start or a reduction in switching shock when poles are changed. The heavy cast fan impeller reduces the permissible switching frequency of the motor.

Type of motor	J_{SL} (Moment of inertia of the cast-iron fan impeller)
D05/D06	0.0014 kgm^2
D07	0.0014 kgm^2
D08	0.004 kgm^2
D09	0.007 kgm^2

Shaft encoder (G)

Bauer gear motors can be fitted with either an incremental encoder or an absolute encoder for special applications. Both the standard incremental encoder and the absolute encoder are optimized and suitable for use with all modern inverters.

Classification, motors and cast-iron fan impeller

Bauer standard encoders as from motor frame size D05 (0,18kW) are protected against mechanical damage by means of a protective cover (Additional Dimension Sheet see chapter 17).

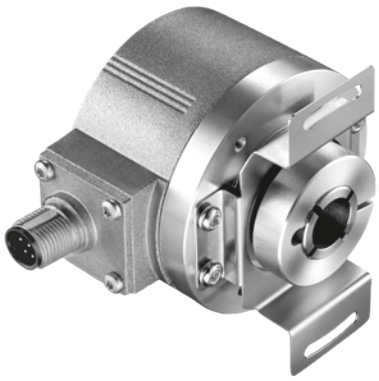
Special features: standard incremental encoder:
- Robust mount
- EMC-tested
- Protected against polarity reversal
- Supply voltage 8-30 V DC
- A-, B- and N-lines and inverted signals or output signals as preferred
- HTL output circuit (TTL on request)
- 1024 pulses per revolution

Special features: standard absolute encoder
- Steps per revolution: 8192 (13 Bit)
- Number of turns: 4096 (12 Bit) shaft turns
- Execution of electronic: SSI (Synchronous-Serial Interface)
- Output code: Gray-Code
- Supply voltage: 11-27 VDC
- Loss efficiency (no load): ≤ 3 Watt
- Output driver: RS-422 (2-wire)

Motor Mounted Components

Incremental rotary encoder

Functional description



Incremental encoders are used to determine motor shaft positions. An incremental encoder detects rotary motion and coverts it into an electrical output signal. An encoder disc with a specific number of periods per rotation senses angular motion. The optoelectronic scanning unit generates signals and issues pulses after the signals have been processed in trigger stages. The resolution is defined by the number of opaque and clear segments on the encoder disc. For example, an encoder with 1024 lines will generate a sequence of 1024 pulses for one full rotation.

The combination of an incremental encoder and a frequency converter allows optimised solutions to be developed, such as

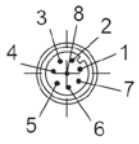
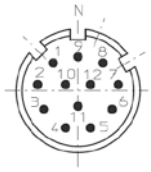
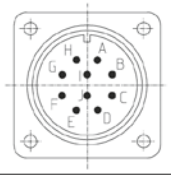
- speed controllers with a wide adjustment range
- accurate speed control
- constant-speed control
- position control

Supply voltage:	8–30 V DC with HTL 5 V DC with differential TTL
Output signals:	HTL A, B and N tracks; optional TTL
Pulses per revolution:	1024 Optional 1…65536
Enclosure rating:	IP65 (optional IP67)
Temperature range:	-40 °C to +100 °C

Electrical specifications

Output voltage	RS 422 (TTL compatible)	RS 422 (TTL compatible)	Differential	Differential (7272)
Supply voltage	5–30 V DC	5 V ±5%	8–30 V DC	5–30 V DC
No-load current consumption With inversion:	max. 70 mA	max. 70 mA	max. 70 mA	max. 70 mA
Allowable load per channel: Pulse rate:	max. ±20 mA max. 300 kHz	max. ±20 mA max. 300 kHz	max. ±20 mA max. 160 kHz	max. ±20 mA max. 160 kHz
High signal level:	min. 2.5 V	min. 2.5 V	min. UB – 3 V	min. UB – 3 V
Low signal level:	max. 0.5 V	max. 0.5 V	max. 1 V	max. 1 V

Plug end view with male pin insert

Connector type	8-pin M12 plug	12-pin M23 plug	MIL connector 10-pin
Layout			
Order code:	8.5000.XXX3.XXXX 8.5000.XXX4.XXXX	8.5000.XXX7.XXXX 8.5000.XXX8.XXXX	8.5000XXXY.XXXX
Mating 05.CMB-8181-0 connector:		8.0000.5012.0000	8.0000.5062.0000

Signal assignments

Signal:	0 V GND	$+U_B$	0 V Sens	+Ub Sens	A	A	B	B	Z	Z	Shield
M23 Multifast, 12-pin connector; pin assignments: M12 Eurofast, 8-pin connector; pin assignments:	10 1	12 2	11	2	5 3	6 4	8 5	1 6	3 7	4 8	1) 1)
Military version; 10-pin connector; pin assignments:	F	D		E	A	G	B	H	C	I	J[1])
Cable; lead colour:	WH	BN	GY PK	RD BU	GN	YE	GY	PK	BU	RD	Shield

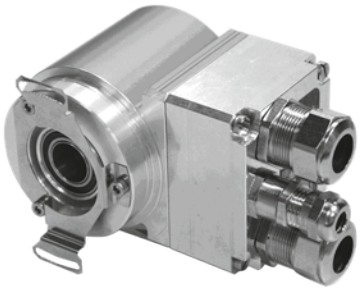
[1] Shield connected to plug housing.

Insulate unused outputs before putting into service.

Functional description

Absolute encoders detect both angular and rotational motions and convert them into electrical signals. In contrast to incremental encoders, with absolute encoders the current position is directly available. If an absolute encoder is moved mechanically while it is switched off, after the power is switched on again the current position can be read out immediately and directly. Absolute encoders are available in single-turn and multi-turn versions.

Profibus DP interface



Specifications

Supply voltage	11–27 VDC
No-load current consumption	< 350 mA
Total resolution [1]	≤ 33 bits
Number of steps per revolution, standard/extended [1]	≤ 8,192 / ≤ 32,768
Number of turns, standard/extended [1]	≤ 4,096 / ≤ 256,000
Profibus DP V0	IEC 61158, IEC 61784
PNO encoder profile	Class 1/Class 2
parameters [1]	Counting direction switchover, scaling function, etc.
Output code [1]	Binary, Gray, truncated Gray
Address	3–99, set using a rotary switch
Baud rate	9.6 kbit/s to 12 Mbit/s
TR-specific functions [1]	Gear and speed outputs
Data width on bus for actual position	≤ 25 bits
Permissible mechanical speed	≤ 12,000 rpm
Shaft load	Own mass
Bearing life	≥ 3.9×10^{10} revolutions at
- speed	≤ 6,000 rpm
- operating temperature	≤ 60 °C
Shaft diameter [mm]	10H7
Permissible angular acceleration	≤ 10^4 rad/s^2
Moment of inertia	2.5×10^{-6} kg m^2 (typical)
Start-up torque at 20 °C	2 Ncm (typical)
Weight	0.3–0.5 kg

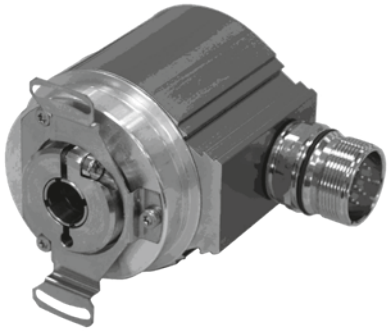
[1] Configurable parameter

Ambient conditions

Vibration (EN 60068-2-6:1996)	≤ 100 m/s^2, sinusoidal 50–2,000 Hz
Shock (EN 60068-2-27:1995)	≤ 1000 m/s^2, half-cycle sinusoidal 11 ms
EMC	
- Interference emission compliant with EN 61000-6-3:2007	
- Interference immunity compliant with EN 61000-6-2:2006	
Operating temperature	0 °C to +60 °C; optionally -20 °C to +70 °C
Storage temperature	-30 °C to +80 °C, dry
Relative humidity (EN 60068-3-4:2002)	98 %, non condensing
Enclosure rating (EN 60529:1991)[2]	IP 65

[2] With mating connector fitted and/or cable glands fitted and tightened

SSI interface



Specifications

Supply voltage	11–27 VDC
No-load current consumption	< 350 mA
Total resolution [1]	≤ 25 bits
Number of steps per revolution [1]	≤ 8,192
Number of rotations, standard [1]	≤ 4,096
Number of rotations, extended [1]	≤ 256,000
SSI	Synchronous Serial Interface
Clock input	Optocoupler
Data output	RS-422, 2-wire
Clock frequency	80 kHz – 1 MHz
Monostable time t_M	16 µs ≤ t_M ≤ 25 µs (20 µs typical)
Output code [1]	Binary, Gray, BCD
Output format [1]	Standard, Tannenbaum, SSI + CRC, 26-bit cycle, variable number of data bits
Negative values [1]	Sign and magnitude, twos complement
SSI or parallel special bits [1]	Limit switch, overspeed, direction indication, motion indication, error indication, parity
F/R [1]	Counting direction
Preset [1]	Electronic alignment
Logic levels	"0" < +2 VDC; "1" = supply voltage
Permissible mechanical speed	≤ 12,000 rpm
Shaft load	Own mass
Bearing life	≥ 3.9 x 10^{10} revolutions at
- speed	≤ 6,000 rpm
- operating temperature	≤ 60 °C
Shaft diameter [mm]	10H7
Permissible angular acceleration	≤ 10^4 rad/s^2
Moment of inertia	2.5 x 10^{-6} kg m^2 (typical)
Start-up torque at 20 °C	2 Ncm (typical)
Weight	0.3–0.5 kg
Optional	
- incremental signals, RS422 levels	K1+, K1-, K2+, K2- with 1024 or 2048 pulses

[1)] Configurable parameter

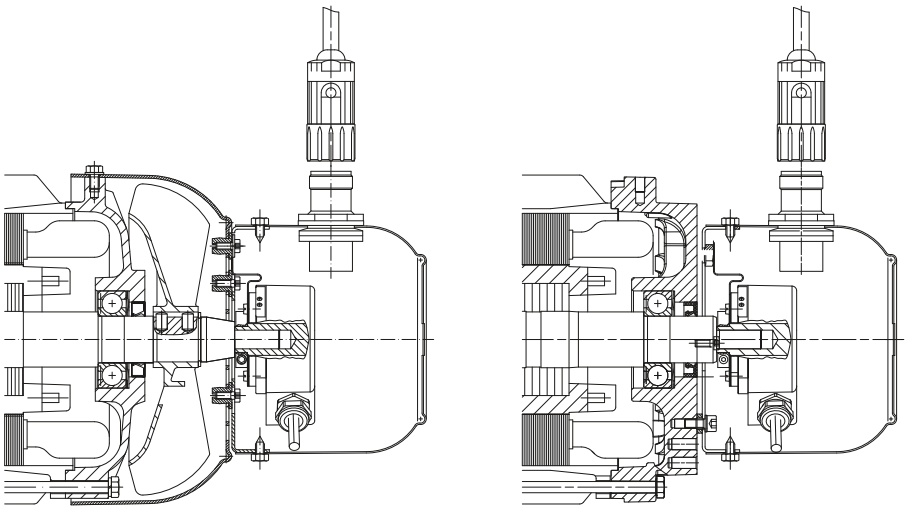
Ambient conditions

Vibration (EN 60068-2-6:1996)	≤ 100 m/s^2, sinusoidal 50–2,000 Hz
Shock (EN 60068-2-27:1995)	≤ 1000 m/s^2, half-cycle sinusoidal 11 ms
EMC	
- Interference emission compliant with EN 61000-6-3:2007	
- Interference immunity compliant with EN 61000-6-2:2006	
Operating temperature	0 °C to +60 °C; optionally -20 °C to +70 °C
Storage temperature	-30 °C to +80 °C, dry
Relative humidity (EN 60068-3-4:2002)	98 %, non condensing
Enclosure rating (EN 60529:1991)[2]	IP 65

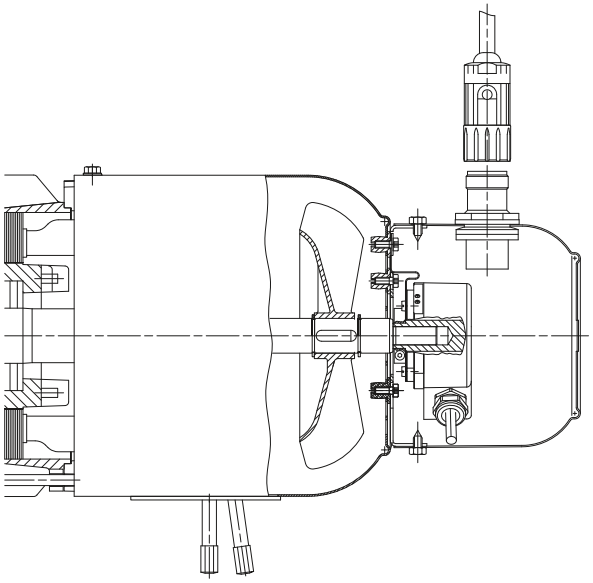
[2)] With mating connector fitted and/or cable glands fitted and tightened

In addition to the angular position within a rotation, multiturn encoders detect multiple rotations. An internal reduction gear mechanism connected to the motor shaft is used to detect the number of turns. Consequently, the value measured by a multiturn encoder consists of the current angular position and the number of turns. As with incremental encoders, the reading is calculated and output via various interface modules, depending on the interface. On request, a large range of motor frames can be fitted with sensor bearings. The output signal from the sensor allows the direction of rotation to be determined, among other things. The number of possible pulse counts depends on the frame size. Please enquire for more information.

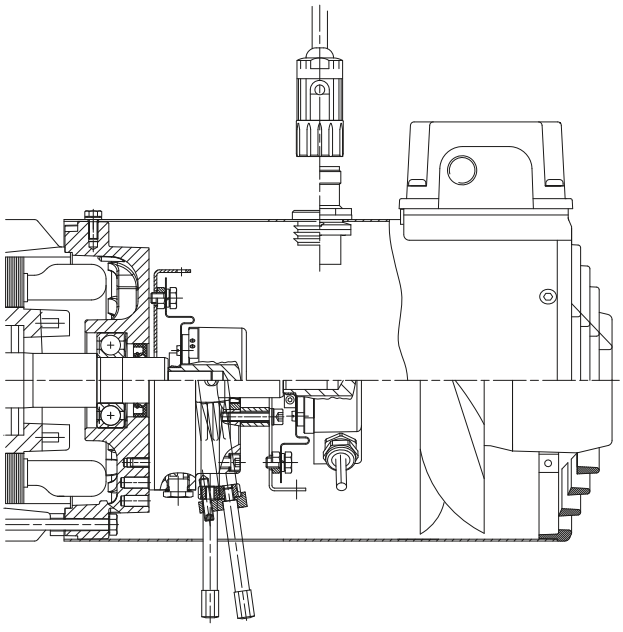
Motor and encoder

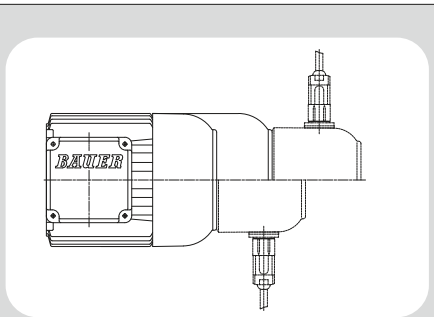


Motor, brake and encoder



Motor and forced ventilation



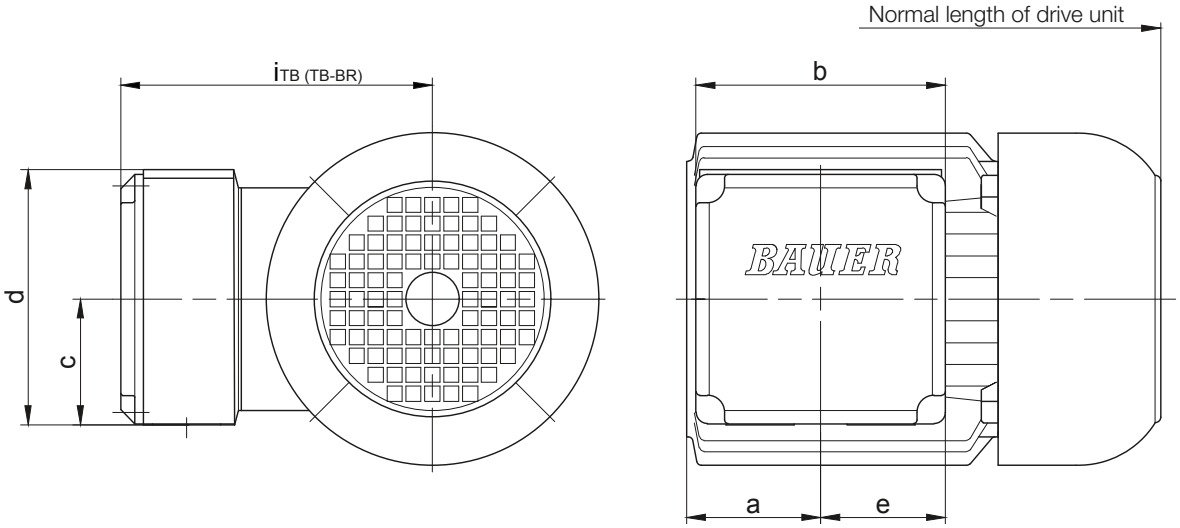


16

Motor mountings - Dimension drawings

Dimensional Drawings Imperial 705
Standard terminal box 705
Terminal box for plug-connector 706
Standard brake 707
“Heavy-Duty“ - brake 708
Motor with back stop 709
Motor with protective hood 710
Motor with independent fan 711
Motor with brake and independent fan 712
Motor with encoder with built-on independent fan 713
Motor with brake and encoder with built-on independent fan 714
Motor with encoder 715
Motor with “heavy duty“ encoder 716
Motor with brake and encoder 717
Motor with “heavy duty“ brake and encoder 718
Dimensional Drawings Metric 719
Standard terminal box 719
Terminal box for plug-connector 720
Standard brake 721
“Heavy-Duty“ - brake 722
Motor with back stop 723
Motor with second shaft end 724
Motor with brake and second shaft end 725
Motor with protective hood 726
Motor with independent fan 727
Motor with brake and independent fan 728
Motor with encoder with built-on independent fan 729
Motor with brake and encoder with built-on independent fan 730
Motor with encoder 731
Motor with “heavy duty“ encoder 732
Motor with brake and encoder 733
Motor with “heavy duty“ brake and encoder 734
Motor in IEC design 735

Standard terminal box



Motor	Dimensions						Code	Cableentry	
	a	b	c	d	e	$i_{TB(TB-BR)}$		Major (M)	Minor (N)
D04..	1.18	3.54	1.87	3.74	1.77	4.41	TB112..	M=NPT=1/2”	N=2xM20x1.5
D..05..	2.24	3.54	1.87	3.74	1.77	4.61	TB112..	M=NPT=1/2”	N=2xM20x1.5
D..06..	1.77	3.54	1.87	3.74	1.77	4.65	TB112..	M=NPT=1/2”	N=2xM20x1.5
D..07..	1.77	3.54	1.87	3.74	1.77	4.65	TB112..	M=NPT=1/2”	N=2xM20x1.5
D..08..	1.61	3.54	1.87	3.74	1.77	5.32	TB112..	M=NPT=1/2”	N=2xM20x1.5
D..09..	2.44	5.20	2.60	5.32	2.82	6.46	TB212..	M=NPT=3/4”	N=2xM25x1.5
D..11..	2.44	5.20	2.60	5.32	2.82	7.13	TB212..	M=NPT=3/4”	N=2xM25x1.5
D..13..	3.07	6.14	3.07	6.22	3.29	8.50	TB312..	M=NPT=1”	N=2xM25x1.5
D..16..	2.91	6.14	3.07	6.22	3.29	9.53	TB312..	M=NPT=1”	N=2xM25x1.5
D..18..	3.70	7.87	3.94	7.91	4.15	11.30	TB412..	M=NPT=1 1/2”	N=2xM25x1.5

Motor with Brake	Dimensions						Code	Cableentry	
	a	b	c	d	e	$i_{TB(TB-BR)}$		Major (M)	Minor (N)
D04..	1.18	3.54	1.87	3.74	2.68	5.18	TBR112..	M=NPT=1/2”	N=2xM20x1.5
from D..05..	see standard motor								
Dimensions in inch									

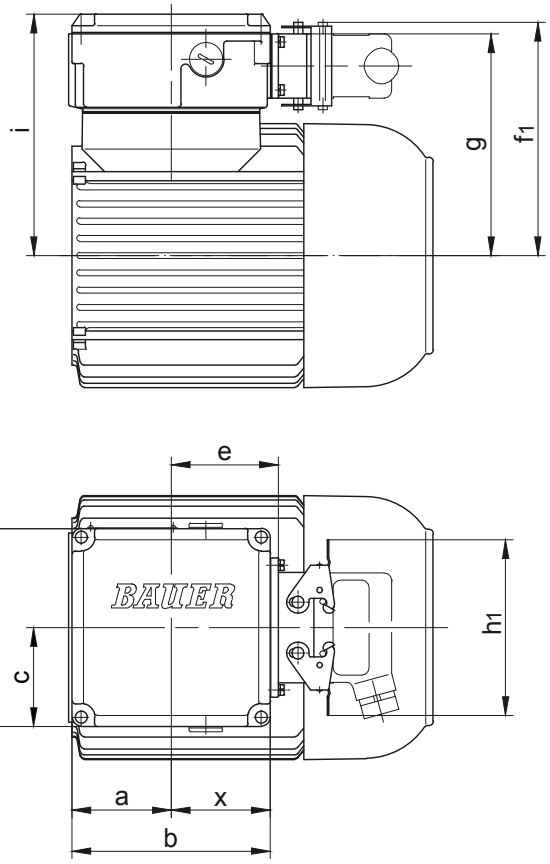
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

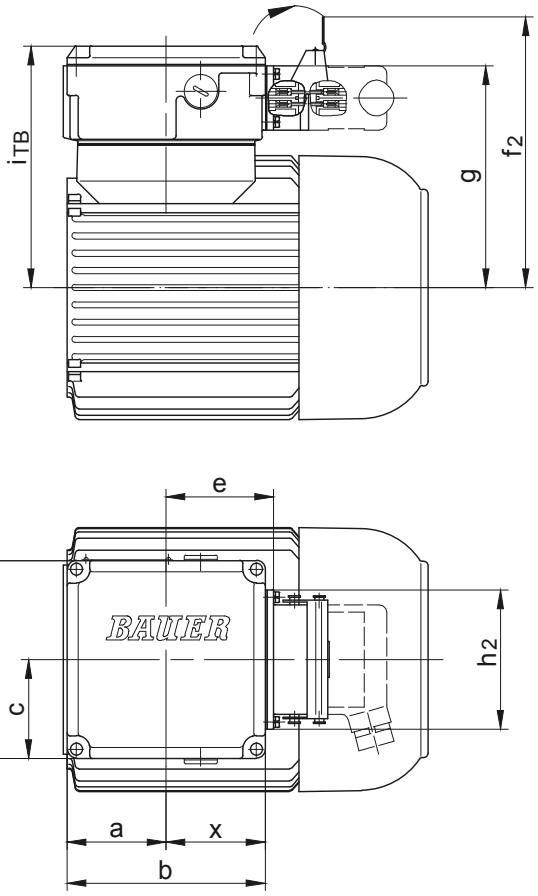
Dimensional Drawings Imperial

Terminal box for plug-connector

Standard design (two brackets)



Optional for DESINA (one bracket)



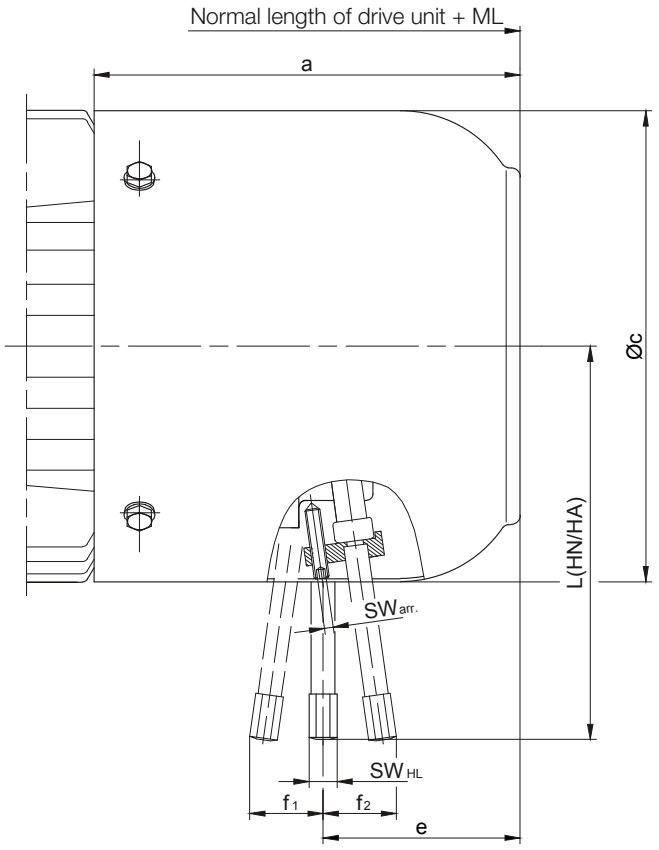
Fan cover geometry for D..16 and D..18, see dimensional drawing: terminal box as standard version

Motor	Size Terminal box	a	b	c	d	e	f_1	f_2	g	h_1	h_2	i_{TB}	x
D..04..	TBS1	1.18	3.54	2.07	4.17	1.93	4.67	5.79	4.37	4.61	3.66	4.90	1.81
D..05..	TBS1	2.24	3.54	2.07	4.17	1.93	4.86	5.98	4.57	4.61	3.66	5.10	1.81
D..06..	TBS1	1.77	3.54	2.07	4.17	1.93	4.94	6.06	4.65	4.61	3.66	5.18	1.81
D..07..	TBS1	1.77	3.54	2.07	4.17	1.93	4.94	6.06	4.65	4.61	3.66	5.18	1.81
D..08..	TBS1	1.77	3.54	2.07	4.17	1.93	5.65	6.77	5.35	4.61	3.66	5.89	1.81
D..09..	TBS2	2.44	5.20	2.60	5.32	2.82	6.24	7.36	6.22	4.61	3.66	6.46	2.70
D..11..	TBS2	2.44	5.20	2.60	5.32	2.82	6.91	7.52	6.54	4.61	3.66	7.13	2.70
D..13..	TBS3	3.07	6.14	3.07	6.22	3.29	7.83	8.96	7.54	4.61	3.66	8.50	3.13
D..16..	TBS3	2.91	6.14	3.07	6.22	3.29	8.86	9.98	8.86	4.61	3.66	9.53	3.13
D..18..	TBS4	3.70	7.87	3.94	7.91	4.15	10.12	11.77	10.12	4.61	3.66	11.30	3.96
D..20L	TBS4	3.70	7.87	3.94	7.91	4.15	10.79	11.77	10.49	4.61	3.66	11.95	3.96
D..22S D..22M	TBS4	3.70	7.87	3.94	7.91	4.15	10.79	11.77	10.49	4.61	3.66	11.95	3.96
Dimensions in inch													

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The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Standard brake



Motor	Brake	ML (inch) Additional length with brake	Dimensions (inch)								Add.weight lbs
			a	Øc	e	f_1	f_2	L(HA/HN)	SW_{HL}	$SW_{arr.}$	
D..04..	E003	1.71	3.82	4.35	2.30	0.81	0.94	3.78/4.01	0.43	0.43	2.20
D..05..		1.65	4.02	4.84	2.36						
D..06..					2.30						
D..07..	E003/E004										
D..08..	ES(X)010	2.60	5.55	6.14	2.68	-	1.14	5.20	0.32	0.10	5.73
D..09..	ES(X)010	3.66	6.81	6.93	3.90	-	1.14	5.20	0.32	0.10	5.95
	ES(X)027				3.58	-	1.40	6.38			9.26
D..11..	ES(X)027	3.86	7.68	8.58	4.06	-	1.40	6.38	0.32	0.10	9.92
	ES(X)040				3.94	-	1.46	6.77			13.89
	ES(X)070				3.78	-	1.36	7.48	0.47	0.16	18.74
D..13..	ES(X)040	4.37	8.86	10.16	4.92	-	1.61	7.95	0.47	0.16	14.33
	ES(X)070				4.76	-	1.50	8.86			18.74
	ES(X)125				4.57	-	1.77	8.78			27.56
D..16..	ES(X)125	5.67	11.42	12.20	5.83	-	1.91	9.61	0.47	0.16	29.76
	ES(X)200				5.55	-	1.97	10.08			41.89
	ES(X)300				4.41	-					48.50
D..18..	ES(X)250	5.91	13.35	13.70	6.02	-	2.30	11.26	0.47	0.16	61.73
	ZS(X)500				4.84	-			0.75	0.20	66.14
D..20L	ES(X)250	5.02	15.71	14.29	7.20	1.93	-	11.26	0.75	0.20	60.63
	ZS(X)500				6.00						
	ZS(X)800				5.87			12.32			
D..22S	ES(X)250	5.02	15.71	14.29	7.20	1.93	-	11.26	0.75	0.20	61.07
	ZS(X)500				6.00						
	ZS(X)800				5.87			12.32			
D..22M	ES(X)250	5.02	15.71	14.29	7.20	1.93	-	11.26	0.75	0.20	135.58
	ZS(X)500				6.00						
	ZS(X)800				5.87			12.32			

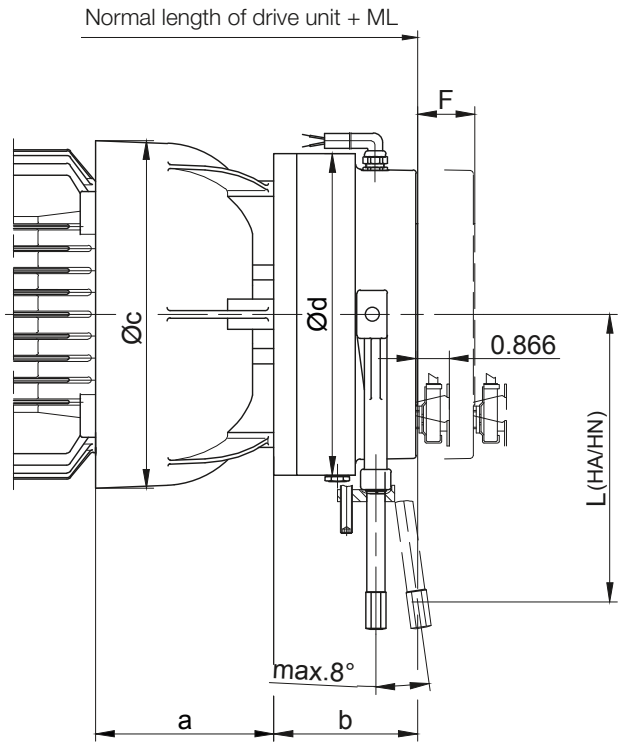
HA = manual release lockable
HN = manual release not lockable

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Imperial

“Heavy-Duty“ - brake



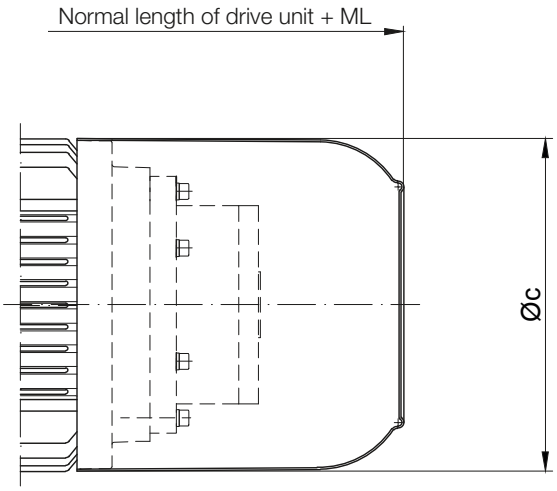
Motor	Brake	Additional length with brake (inch)		Dimensions (inch)					Additional weight
		ML Standard	ML Microswitch	a	b	c	Ød	L (HA/HN)	lbs
D..08..	EH(X)010	2.953	4.803	3.287	2.461	6.535	4.724	5.197	9.25
D..08..	EH(X)027	3.110	3.976	3.287	2.618	6.535	5.709	6.378	12.13
D..09..	EH(X)027	3.445	5.236	4.016	2.776	7.520	5.705	6.378	14.50
D..09..	EH(X)040	3.543	4.409	4.016	2.874	7.520	6.614	6.772	18.30
D..11..	EH(X)070	4.134	6.181	4.724	3.346	9.094	7.402	7.4161	36.35
D..11..	EH(X)125	4.488	5.354	4.724	3.740	9.094	8.386	8.209	42.99
D..13..	EH(X)200	5.039	5.906	5.512	4.173	10.807	9.646	8.701	64.59
D..16..	EH(X)400	5.551	6.417	6.102	4.882	12.835	12.756	12.323	123.02
D..18..		5.984	6.850	7.205		14.409			134.48

HA = manual release lockable
HN = manual release not lockable

16

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with back stop

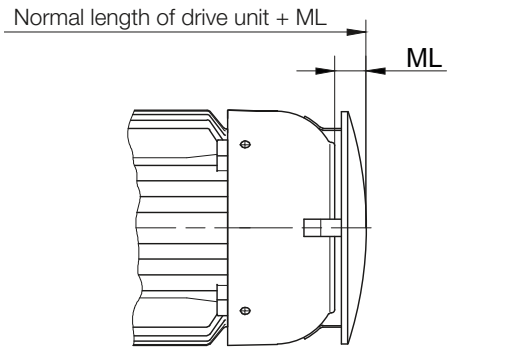


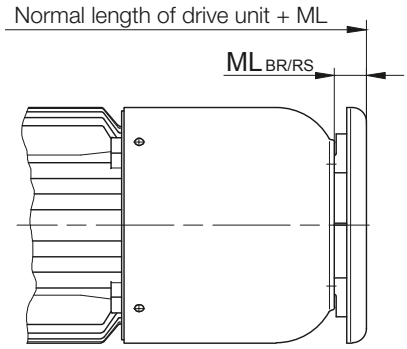
Motor	ML (inch) Additional length with backstop	Dimensions (inch) c	Additional weight lbs
D..08..	2.60	6.14	14.33
D..09..	3.66	7.13	14.33
D..11..	3.86	8.98	17.64
D..13..	4.37	10.16	29.76
D..16..	5.67	12.21	35.27
D..18..	5.91	13.70	37.48
D..20L	-	14.29	20.94
D..22S			
D..22M			

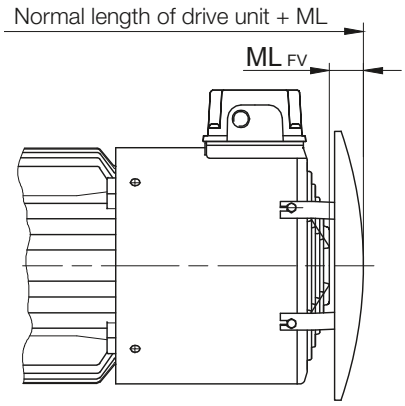
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Dimensional Drawings Imperial

Motor with protective hood





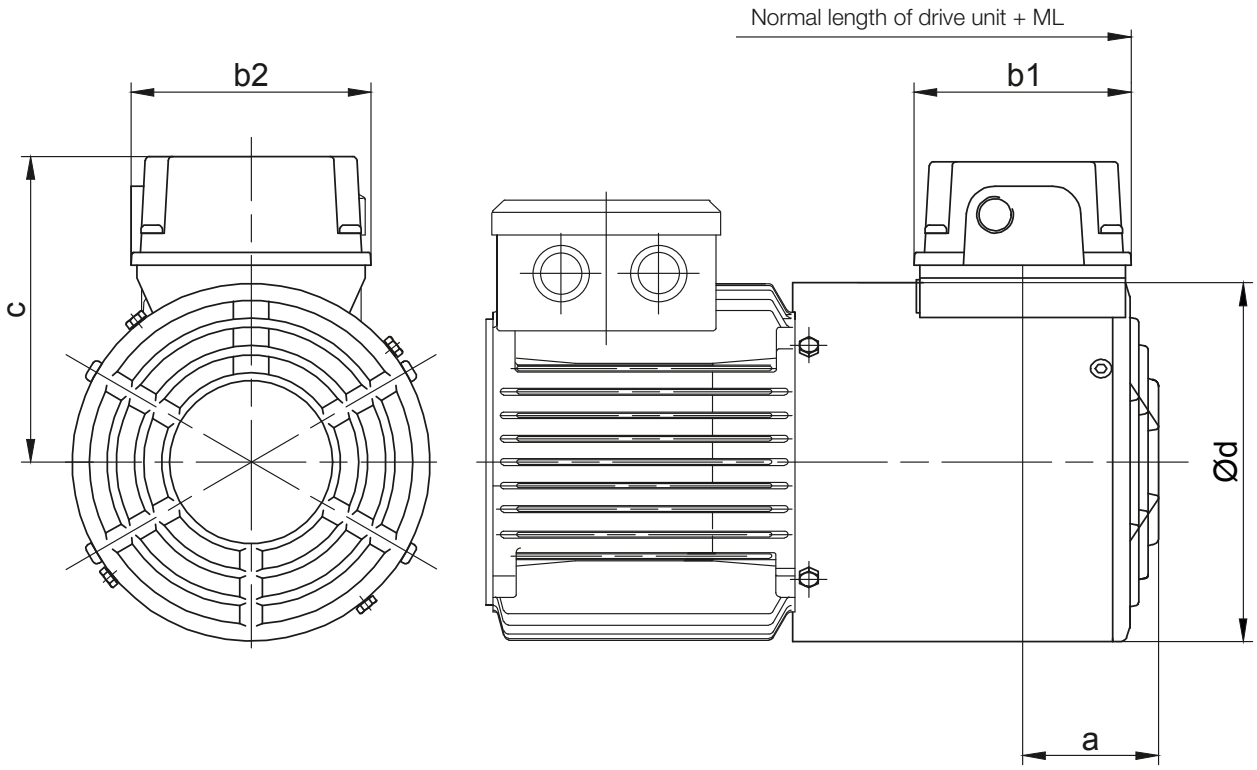


Fan cover geomettry for D..16 - D..22, see dimensional drawing: terminal box as standard version

Motor	ML (inch) Additional length with attached protective cover				Additional weight
	ML	ML_{BR}	ML_{RS}	ML_{FV}	lbs
D..04..	0.63	-	-	-	0.33
D..05..	0.71	-	-	-	0.33
D..06..	0.71	-	-	-	0.33
D..07..	0.71	-	-	-	0.33
D..08..	0.57	0.96	0.96	1.57	0.44
D..09..	0.87	0.96	0.96	1.18	0.66
D..11..	1.14	1.16	1.16	1.30	0.88
D..13..	1.18	1.16	1.16	0.98	1.32
D..16..	1.20	1.36	1.36	1.26	3.97
D..18..	1.20	1.36	1.36	1.26	12.13
D..20L	1.22	1.22	1.22	1.22	14.11
D..22S	1.22	1.22	1.22	1.22	14.11
D..22M	1.22	1.22	1.22	1.22	14.11

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with independent fan



Drive Motor	Fan Motor	kW	r/min	400 V A	ML (inch) Additional length with forced cooling fan	Dimensions (inch) a	b1	b2	c	d	Additional weight ~lbs
D..08..	FV D08	0.019	2670	0.029	3.62	2.74	4.21	4.13	5.28	6.18	4.85
D..09..	FV D09	0.046	2820	0.106	3.82	2.74	4.21	4.13	5.63	6.97	5.95
D..11..	FV D11	0.051	2660	0.110	3.82	3.13	4.21	4.13	6.40	8.62	7.05
D..13..	FV D13	0.073	2820	0.169	4.69	3.10	4.21	4.13	6.46	10.16	10.14
D..16*	FV D16	0.154	2760	0.347	5.67	3.10	4.21	4.13	7.28	12.24	14.11
D..18*	FV D18	0.154	2760	0.347	11.93	3.10	4.21	4.13	8.31	13.70	18.52

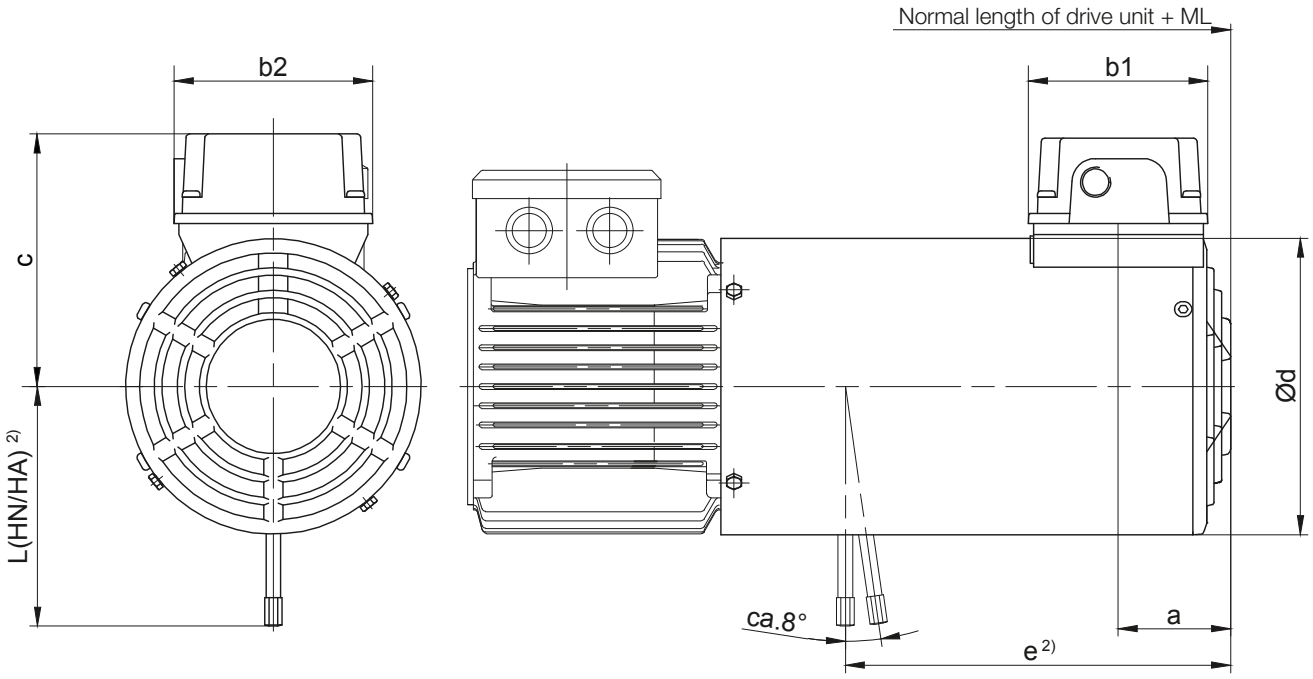
* with bayonet joint

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Imperial

Motor with brake and independent fan



Motor	Brake	ML (inch)[1)] Additional length with brake and forced ventilation	Dimensions (inch) a	b1	b2	c	Ød	e[2)]	L(HA/HN)[2)]	Additional weight ~lbs
D..08..	ES(X)010	7.95	2.32	4.21	4.13	5.28	6.18	8.03	5.20	11.02
D..09..	ES(X)010	8.43	2.74	4.21	4.13	5.63	6.97	8.66	5.20	12.13
	ES(X)027							8.35	6.38	16.53
D..11*	ES(X)027	8.70	2.74	4.21	4.13	6.40	8.62	8.90	6.38	17.64
	ES(X)040							8.78	6.77	22.05
	ES(X)070							8.58	7.24	26.46
D..13*	ES(X)040	9.33	3.13	4.21	4.13	6.46	10.16	10.00	7.95	25.35
	ES(X)070							9.84	8.86	29.76
	ES(X)125							9.65	8.78	38.58
D..16*	ES(X)125	11.57	3.10	4.21	4.13	7.28	12.24	11.73	9.61	42.99
	ES(X)200							11.46	10.08	55.11
	ES(X)300							10.32		59.52
D..18*	ES(X)250	11.93	3.10	4.21	4.13	8.31	13.70	12.09	11.26	81.57
	ES(X)500							10.91		84.88

* with bayonet joint

[1)]The additional length is for normal motor unit without brake.
Other dimensions see the appropriate normal dimensioned sketch.

[2)]Brake release on request

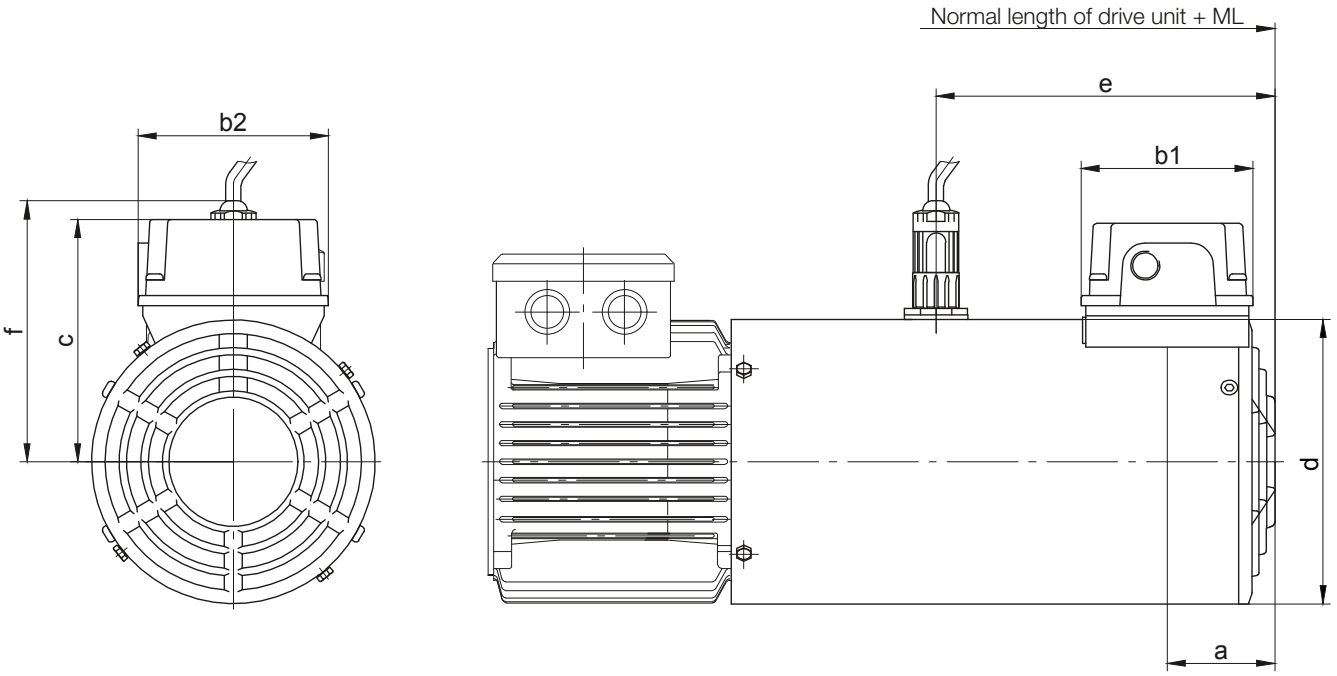
HA = manual release lockable

HN = manual release not lockable

16

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with encoder with built-on independent fan



Motor	ML (inch)[1)] Additional length with encoder and forced ventilation	Dimensions (inch)							Additional weight
		a	b1	b2	c	d	e	f	~lbs
D..08..	7.95	2.32	4.21	4.13	5.28	6.18	7.36	5.67	5.73
D..09..	8.43	2.74	4.21	4.13	5.63	6.97	7.56	6.04	7.28
D..11*	8.70	2.74	4.21	4.13	6.40	8.58	7.56	-	8.82
D..13*	9.45	3.13	4.21	4.13	6.46	10.16	8.54	-	12.57
D..16*	11.57	3.10	4.21	4.13	7.28	12.24	9.92	-	17.72
D..18*	11.93	3.10	4.21	4.13	8.31	13.70	10.51	-	24.03

* with bayonet joint

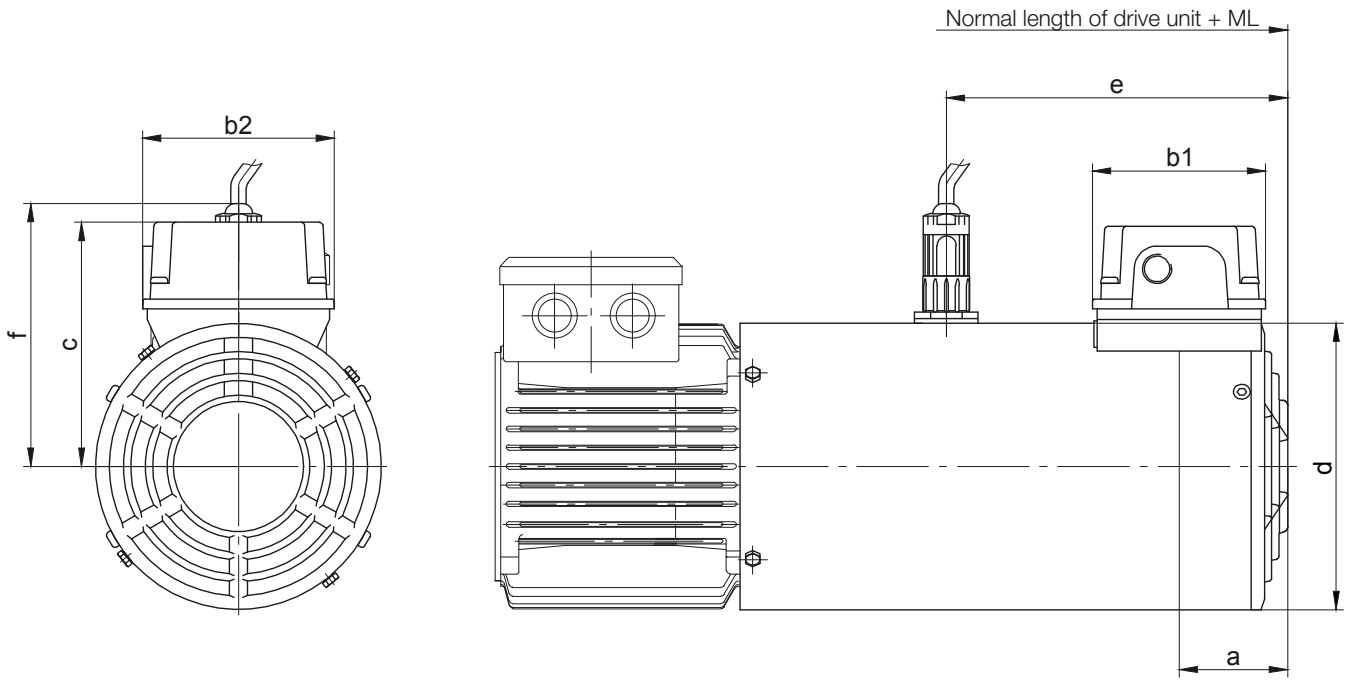
[1)] The additional length is for normal motor unit without brake.
Other dimensions see the appropriate normal dimensioned sketch.

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Imperial

Motor with brake and encoder with built-on independent fan



Motor	Brake	ML (inch)[1] Additional length with brake, encoder and forced ventilation	Dimensions (inch) a	b1	b2	c	Ød	e2)	g	h	L(HA/HN)[2]	Additional weight ~lbs
D..08..	ES(X)010	7.95	2.32	4.21	4.13	5.28	6.18	8.03	5.91	5.91	5.20	6.0
D..09..	ES(X)010	8.43	2.74	4.21	4.13	5.63	6.97	8.66	6.30	6.30	5.20	6.5
	ES(X)027							8.35	6.30		6.38	18.74
D..11*	ES(X)027	8.70	2.74	4.21	4.13	6.40	8.62	8.90	6.10	6.89	6.38	19.84
	ES(X)040							8.78	6.10		6.77	25.35
	ES(X)070							8.58	6.10		7.24	29.76
D..13*	ES(X)040	9.45	3.13	4.21	4.13	6.46	10.16	10.00	6.89	7.66	7.95	28.66
	ES(X)070							9.84	6.89		8.86	33.07
	ES(X)125							9.65	6.89		8.78	41.89
D..16*	ES(X)125	11.57	3.10	4.21	4.13	7.28	12.24	11.73	7.68	8.70	9.61	46.30
	ES(X)200							11.46	7.68		10.08	59.52
	ES(X)300							10.32	7.68			63.93
D..18*	ES(X)250	11.93	3.10	4.21	4.13	8.31	13.70	8.15	8.35	9.43	11.26	85.98
	ES(X)500							10.91	8.35			89.29

* with bayonet joint

[1] The additional length is for normal motor unit without brake.
Other dimensions see the appropriate normal dimensioned sketch.

[2] Brake release on request

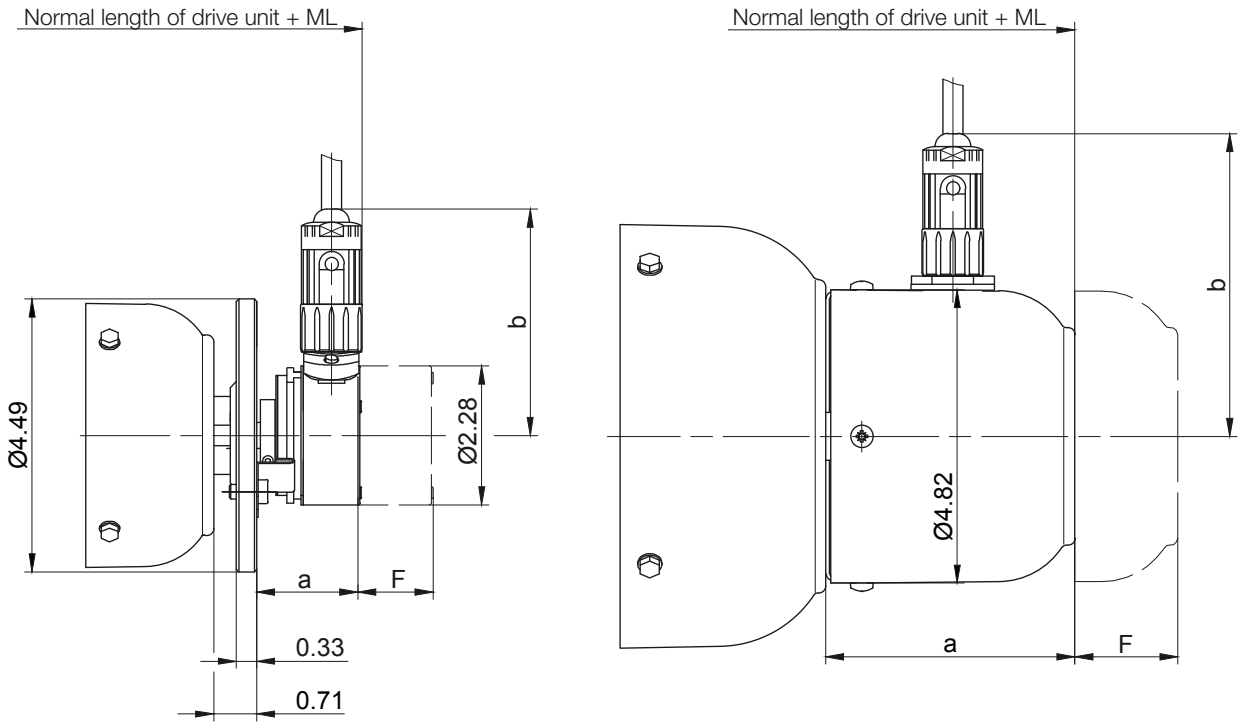
HA = manual release lockable

HN = manual release not lockable

16

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with encoder



Fan cover geomettry for D..16 - D..22, see dimensional drawing: terminal box as standard version

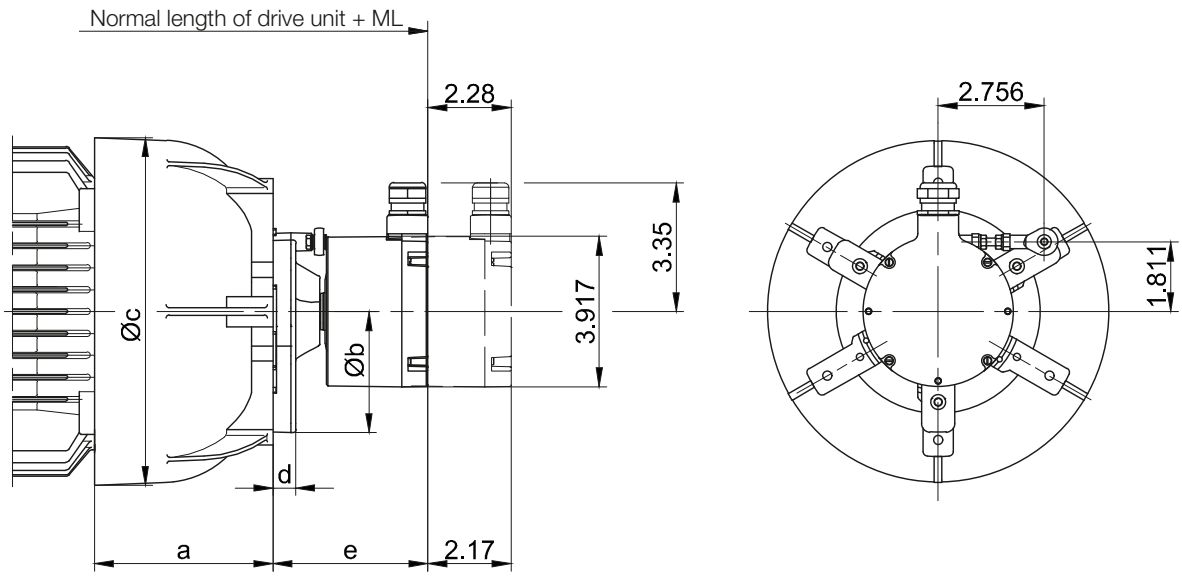
Motor	ML(inch) Additional length with encoder	Dimensions (inch)				Additional weight	Free space for removing encoder „F“	
		Incremental encoder		Absolute encoder			Incremental encoder	Absolute encoder
		a	c	a	b	ibs		
D..04..	2.46	1.71	3.74	2.74	4.31	1.54	1.18	2.17
D..05..	4.06	3.88	5.00	3.88	5.00	1.98	2.48	3.46
D..06..								
D..07..								
D..08..	4.21	4.23		4.23			1.61	2.60
D..09..		4.09		4.09		1.76	1.69	2.68
D..11..								
D..13..								
D..16..	4.33							
D..18..								
D..20L	4.17	4.17		4.17		2.65		
D..22S								
D..22M								

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Imperial

Motor with “heavy duty“ encoder



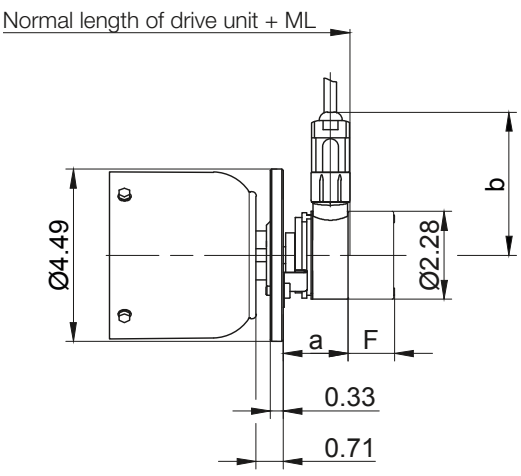
Motor	ML (inch)	Dimensions (inch)					Additional weight
	Additional length with encoder	a	b	c	d	e	lbs
D..08..	4.488	3.287	6.299	6.535	0.591	4.035	4.41
D..09..	4.665	4.016		7.520			
D..11..	4.783	4.724		9.094			11.90
D..13..	4.547	5.512	7.283	10.807	0.669	3.720	18.96
D..16..	4.469	6.102		12.835			21.16
D..18..	4.823	7.205		14.409			25.35

16

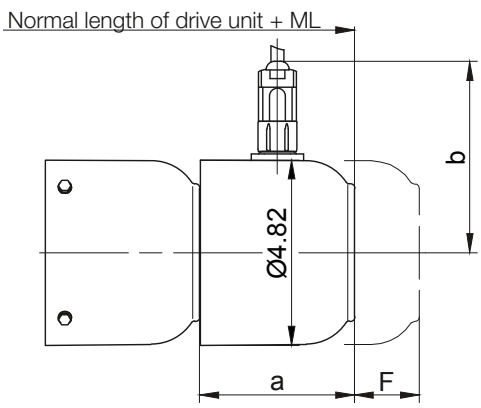
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with brake and encoder

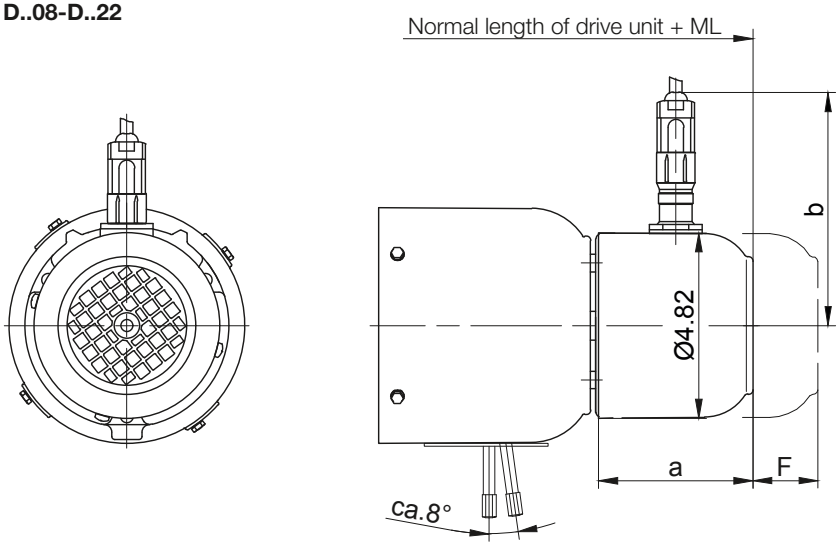
D..04..



D..05..-D..07..



D..08-D..22



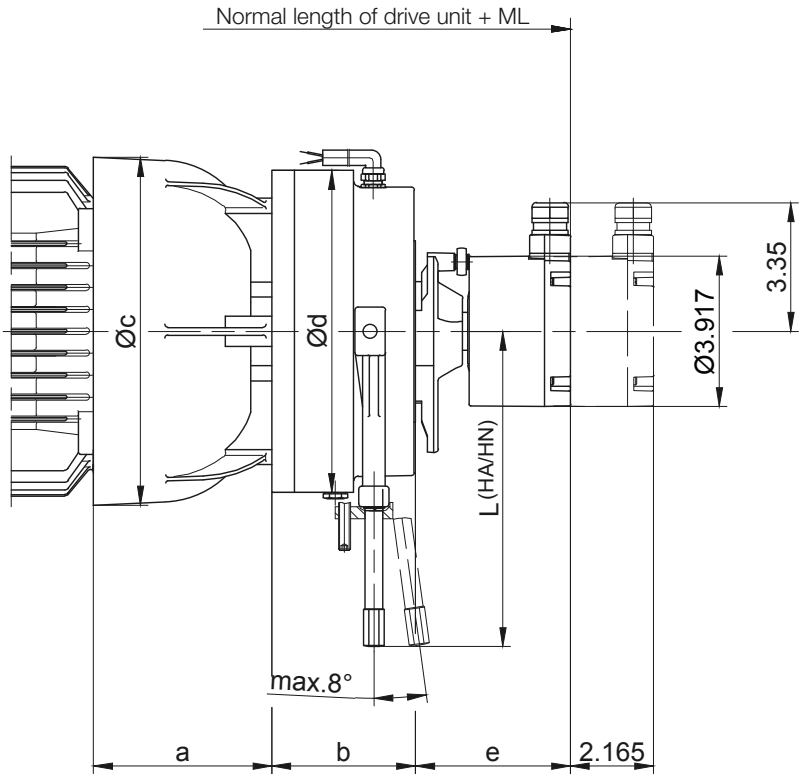
Motor	Brake	ML (inch)	Dimensions (inch)				Additional weight	Free space for removing encoder „F“	
		Additional length with brake and encoder	Incremental encoder		Absolute encoder			Incremental encoder	Absolute encoder
			a	c	a	b	lbs		
D..04..	E003	4.15	1.71	3.74	2.74	4.31	1.54	1.18	2.17
D..05..		5.71	4.02	5.00	4.02	5.00	1.98	2.48	3.46
D..06..									
D..07..	E003/E004								
D..08..	ES(X)..	6.83					1.76	1.93	2.91
D..09..	ES(X)..	7.76							
D..11..	ES(X)..	7.87							
D..13..	ES(X)..	8.35							
D..16..	ES(X)..ZS(X)	9.76	4.10						
D..18..	ES(X)..ZS(X)	9.74							
D..20L	ES(X)..ZS(X)	9.76	4.17				2.65		
D..22S	ES(X)..ZS(X)								
D..22M	ES(X)..ZS(X)								

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Imperial

Motor with "heavy duty" brake and encoder

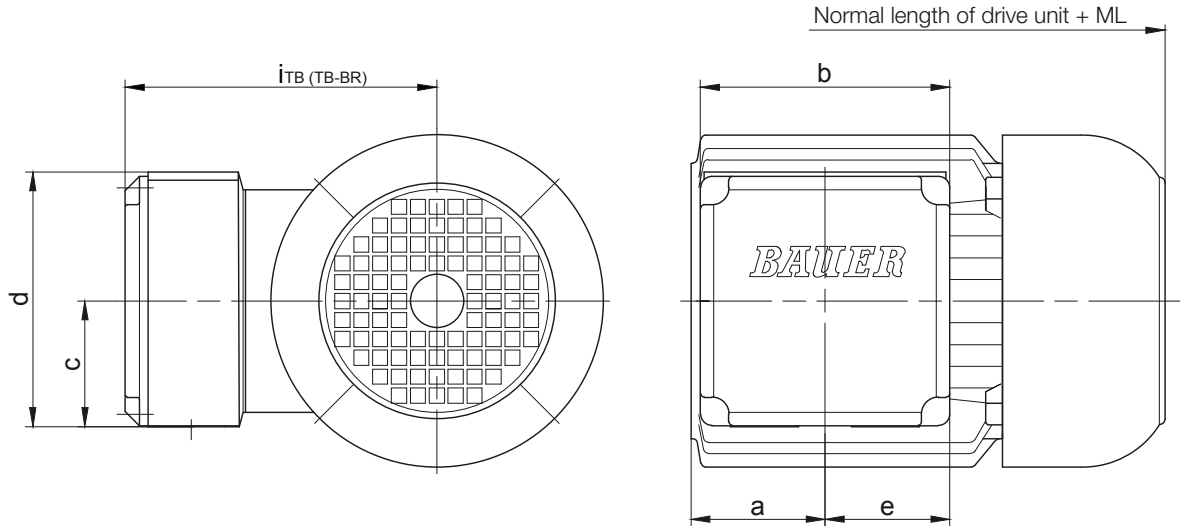


Motor	Brake	ML (inch) Additional length with brake and encoder	Dimensions (inch) a	b	c	Ød	e	L (HA/HN)	Additional weight lbs
D..08..	EH(X)027	7.106	3.287	2.618	6.535	5.709	4.035	6.378	15.65
D..09..	EH(X)040	7.539	4.016	2.874	7.520	6.614		6.772	22.05
D..11..	EH(X)125	8.524	4.724	3.740	9.094	8.386		8.209	47.18
D..13..	EH(X)200	10.197	5.512	4.173	10.807	9.646	3.720	8.701	70.55
D..16..	EH(X)400	9.567	6.102	4.882	12.835	12.756		12.323	127.87
D..18..		10.000	7.205		14.409				134.48
HA = manual release lockable HN = manual release not lockable									

16

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Standard terminal box



Motor	Dimensions						Code	Cableentry	
	a	b	c	d	e	$i_{TB(TB-BR)}$		Major (M)	Minor (N)
D04..	30	90	47.5	95	45	112	TB112..	M=NPT_1/2"	N=2xM20x1.5
D..05..	57	90	47.5	95	45	117	TB112..	M=NPT_1/2"	N=2xM20x1.5
D..06..	45	90	47.5	95	45	118	TB112..	M=NPT_1/2"	N=2xM20x1.5
D..07..	45	90	47.5	95	45	118	TB112..	M=NPT_1/2"	N=2xM20x1.5
D..08..	41	90	47.5	95	45	135	TB112..	M=NPT_1/2"	N=2xM20x1.5
D..09..	62	132	66	135	71.5	164	TB212..	M=NPT_3/4"	M=2xM25x1.5
D..11..	62	132	66	135	71.5	181	TB212..	M=NPT_3/4"	M=2xM25x1.5
D..13..	78	156	78	158	83.5	216	TB312..	M=NPT_1"	M=2xM25x1.5
D..16..	74	156	78	158	83.5	242	TB312..	M=NPT_1"	M=2xM25x1.5
D..18..	94	200	100	201	105.5	287	TB412..	M=NPT_1 1/2"	M=2xM25x1.5

Motor with Brake	Dimensions						Code	Cableentry	
	a	b	c	d	e	$i_{TB(TB-BR)}$		Major (M)	Minor (N)
D04..	30	90	47.5	95	68	131.5	TBR122..	M=2xM20x1.5	-
from D..05..	see standard motor								
Dimensions in millimetres (mm)									

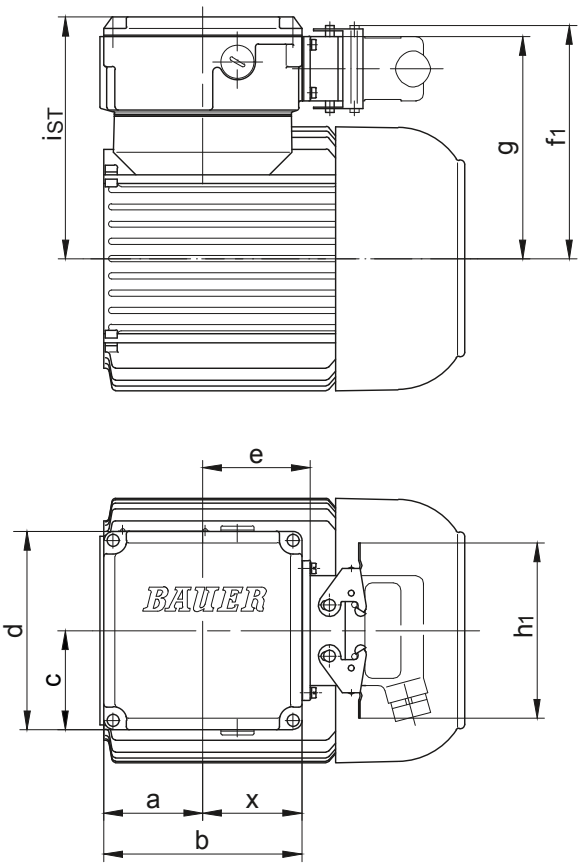
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

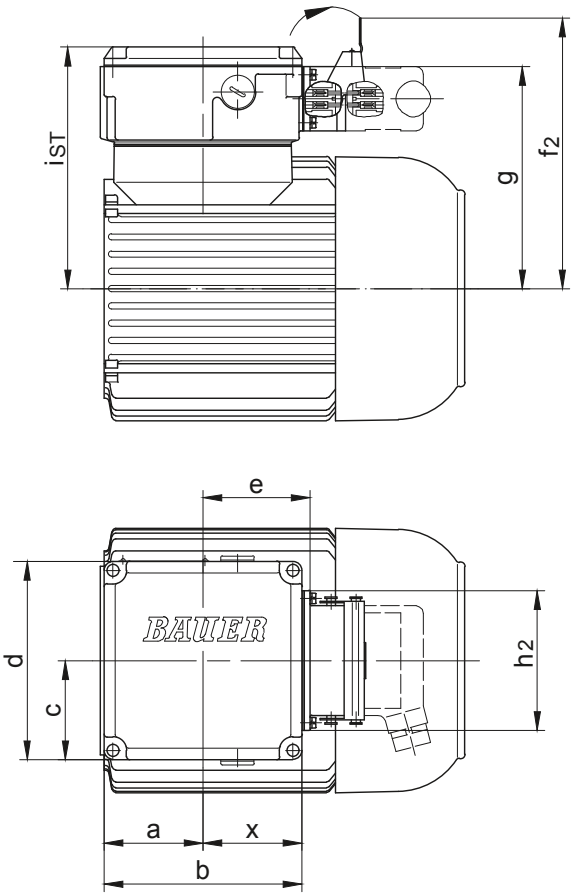
Dimensional Drawings Metric

Terminal box for plug-connector

Standard design (two brackets)



Optional for DESINA (one bracket)

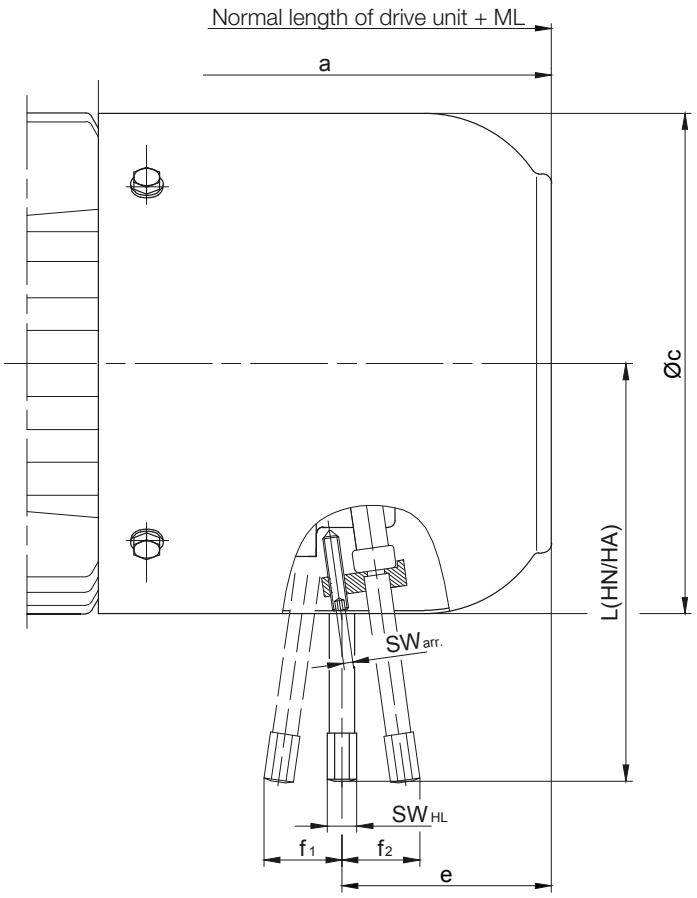


Fan cover geomettry for D..16 - D..22, see dimensional drawing: terminal box as standard version

Motor	Size Terminal box	a	b	c	d	e	f_1	f_2	g	h^1	h_2	i_{ST}	x
D..04..	TBS1	30	90	52.5	106	49	118.5	147	111	117	93	124.5	46
D..05	TBS1	57	90	52.5	106	49	123.5	152	116	117	93	129.5	46
D..06	TBS1	45	90	52.5	106	49	125.5	154	118	117	93	131.5	46
D..07	TBS1	45	90	52.5	106	49	125.5	154	118	117	93	131.5	46
D..08	TBS1	45	90	52.5	106	49	143.5	172	136	117	93	149.5	46
D..09	TBS2	62	132	66	135	71.5	158.5	187	158	117	93	164	68.5
D..11	TBS2	62	132	66	135	71.5	175.5	191	166	117	93	181	68.5
D..13	TBS3	78	156	78	158	83.5	199	227.5	191.5	117	93	216	79.5
D..16	TBS3	74	156	78	158	83.5	225	253.5	225	117	93	242	79.5
D..18	TBS4	94	200	100	201	105.5	257	299	257	117	93	287	100.5
D..20L	TBS4	94	200	100	201	105.5	274	299	266.5	117	93	303.5	100.5
D..22S	TBS4	94	200	100	201	105.5	274	299	266.5	117	93	303.5	100.5
D..22M													
Dimensions in millimetres (mm)													

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Standard brake



Motor	Brake	ML (mm) Additional length with brake	Dimensions (mm)								Additional weight
			a	Øc	e	f_1	f_2	L(HA/HN)	SW_{HL}	$SW_{arr.}$	kg
D..04..	E003	43.5	97	110.5	58.5	20.5	24	96/102	11	11	1.0
D..05..		42	102	123	60						
D..06..					58.5						
D..07..	E003/E004										
D..08..	ES(X)010	66	141	156	68	-	29	132	8	2.5	2.6
D..09..	ES(X)010	93	173	176	99	-	29	132	8	2.5	2.7
	ES(X)027				91	-	35.5	162			4.2
D..11..	ES(X)027	98	195	218	103	-	35.5	162	8	2.5	4.5
	ES(X)040				100	-	37	172			6.3
	ES(X)070				96	-	34.5	190	12	4	8.5
D..13..	ES(X)040	111	225	258	125	-	41	202	12	4	6.5
	ES(X)070				121	-	38	225			8.5
	ES(X)125				116	-	45	223			12.5
D..16..	ES(X)125	144	290	310	148	-	48.5	244	12	4	13.5
	ES(X)200				141	-	50	256			19
	ES(X)300				112	-					22
D..18..	ES(X)250	150	339	348	153	-	58.5	286	12	4	28
	ZS(X)500				123	-			19	5	30
D..20L	ES(X)250	127.5	399	363	183	49	-	286	19	5	27.5
	ZS(X)500				152.5						
	ZS(X)800				149			313			
D..22S	ES(X)250	127.5	399	363	183	49	-	286	19	5	27.7
	ZS(X)500				152.5						
	ZS(X)800				149			313			
D..22M	ES(X)250	127.5	399	363	183	49	-	286	19	5	61.5
	ZS(X)500				152.5						
	ZS(X)800				149			313			

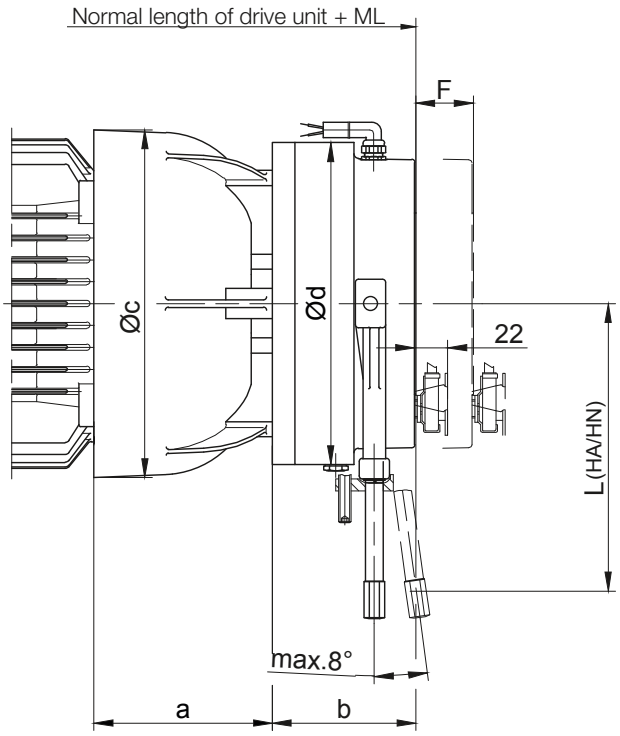
HA = manual release lockable
HN = manual release not lockable

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Metric

“Heavy-Duty“ - brake



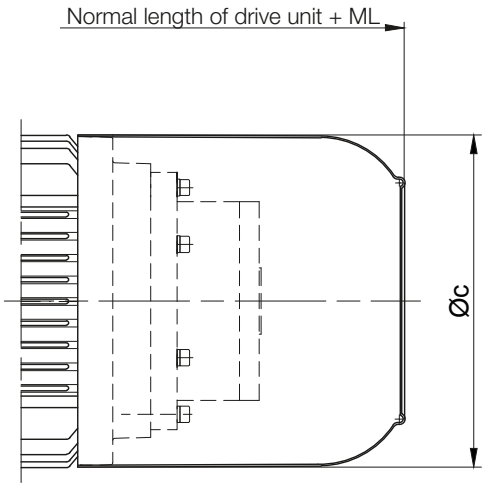
Motor	Brake	Additional length with brake (mm)		Dimensions (mm)					Additional weight
		ML Standard	ML Microswitch	a	b	c	Ød	L (HA/HN)	kg
D..08..	EH(X)010	74	96	83.5	62.5	166	120	132	4.2
D..08..	EH(X)027	79	101	83.5	66.5	166	145	162	5.5
D..09..	EH(X)027	82.5	104.5	102	70.5	191	145		7.6
D..09..	EH(X)040	90	112	102	73	191	168	172	8.3
D..11..	EH(X)070	104	126	120	85	231	188	189.5	15.2
D..11..	EH(X)125	114	136	120	95	231	213	208.5	19.5
D..13..	EH(X)200	128	150	140	106	274.5	245	221	29.3
D..16..	EH(X)400	141	163	155	124	326	324	313	55.8
D..18..		152	174	183		366			61

HA = manual release lockable
HN = manual release not lockable

16

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with back stop



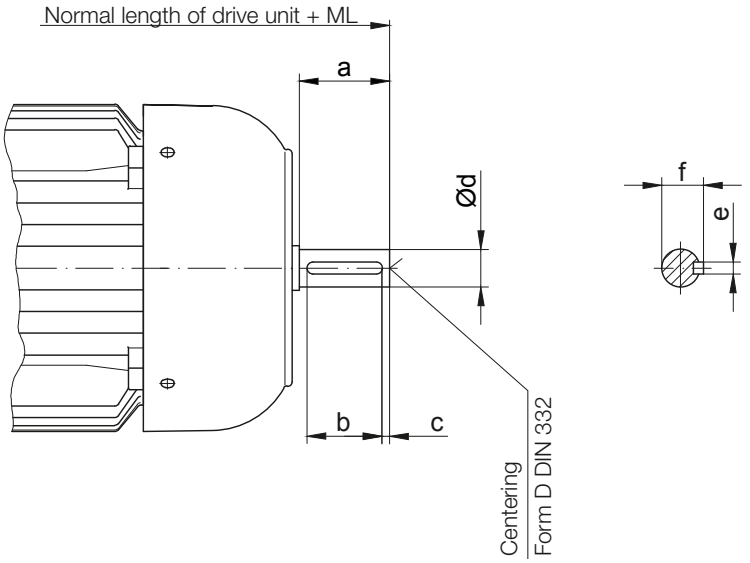
Motor	ML (mm) Additional length with backstop	Dimensions (mm) c	Additional weight kg
D..08..	66	156	6.5
D..09..	93	181	6.5
D..11..	98	228	8
D..13..	111	258	13.5
D..16..	144	310	16
D..18..	150	348	17
D..20L	-	363	9.5
D..22S			
D..22M			

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Metric

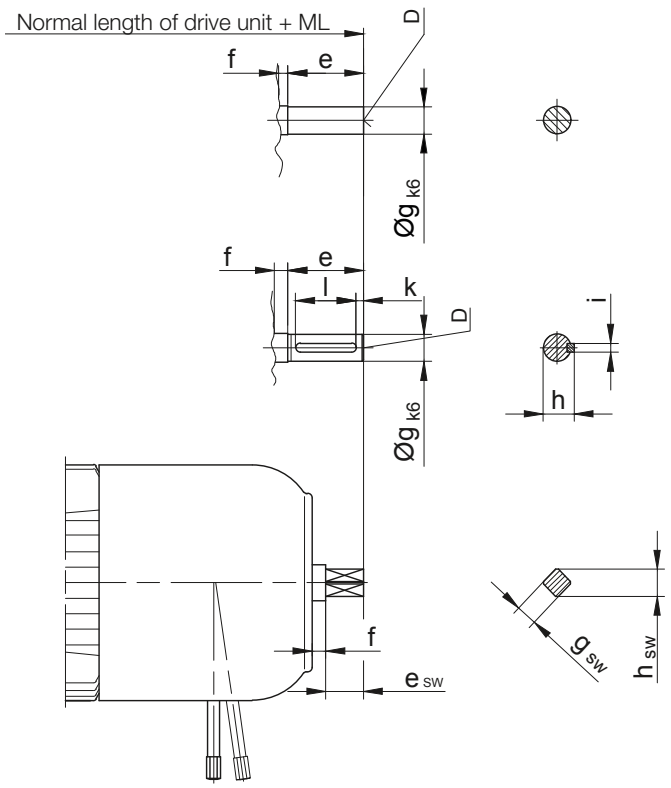
Motor with second shaft end



Motor	ML (mm) Additional length with second shaft end	Dimensions (mm)						Centering
		a	b	c	d	e	f	DIN 332
D..04..	20	15	-	-	8_{g6}	-	-	-
D..05..	25	20	-	-	10_{k6}	-	-	-
D..06..	25	20	-	-	10_{k6}	-	-	-
D..07..	25.5	20	-	-	10_{k6}	-	-	-
D..08..	45	40	30	5	16_{k6}	5	18	D5
D..09..	55	50	40	5	20_{k6}	6	22.5	D5
D..11..	65	60	50	5	25_{k6}	8	28	D8
D..13..	85	80	60	10	35_{k6}	10	38	D12
D..16..	115	110	90	10	40_{k6}	12	43	D16
D..18..	115	110	90	10	45_{k6}	14	48.5	D16
D..20L	115	110	90	10	45_{k6}	14	48.5	D16
D..22S	115	110	90	10	45_{k6}	14	48.5	D16
D..22M								

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with brake and second shaft end



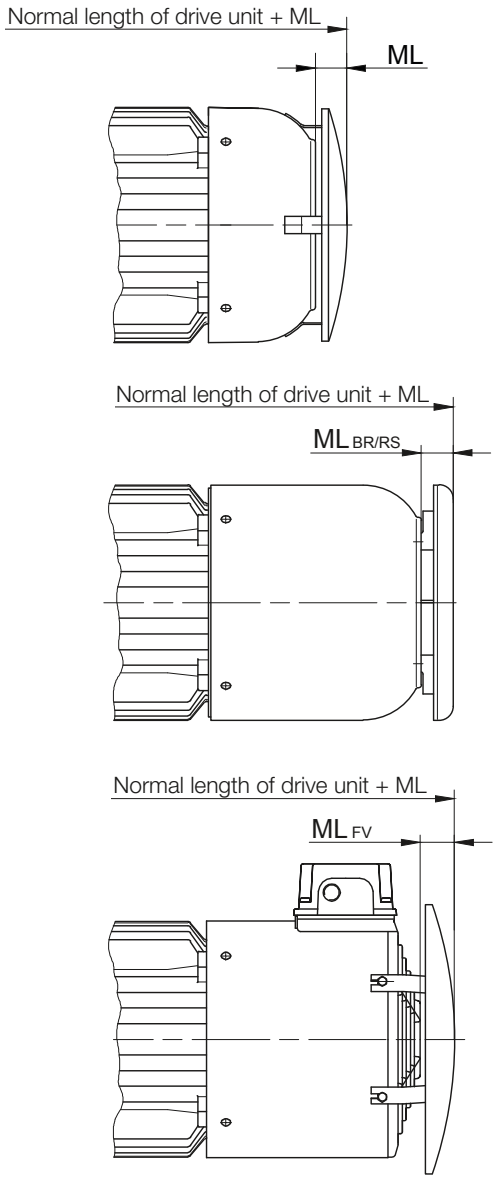
Motor	Brake	Additional length (mm)		Dimensions (mm)										Centering	
		ML	ML_{SW}	e	e_{SW}	f	g	g_{SW}	h	h_{SW}	i	k	l	DIN 332	SW
D..04..	E003	63	-	15	-	5	8	-	-	-	-	-	-	-	-
D..05..				20			10								
D..06..															
D..07..	E003/E004														
D..08..	ES(X)..	121	96*	50	25*	5	18	SW14*	20.5	18*	6	5	40	D6	D4*
D..09..		98	123*												
D..11..		153.5*	128	50*	25		20*	SW14	22.5*	18	6*	5*	40*	D6*	D4*
D..13..		176*	156	60*	40	4.5	28*	SW22	31*	28	8*		50*	D10*	D10
D..16..	ES(X)../ZS(X)..	208.5*	188.5												
D..18..		359*	194.5			5									
D..20L	ES(X)../ZS(X)..	127.5*	172.5	60*	40	5	28*	SW22	31*	28	8*	5*	50*	D10*	D10
D..22S															
D..22M															
* special design with manual release															

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Metric

Motor with protective hood

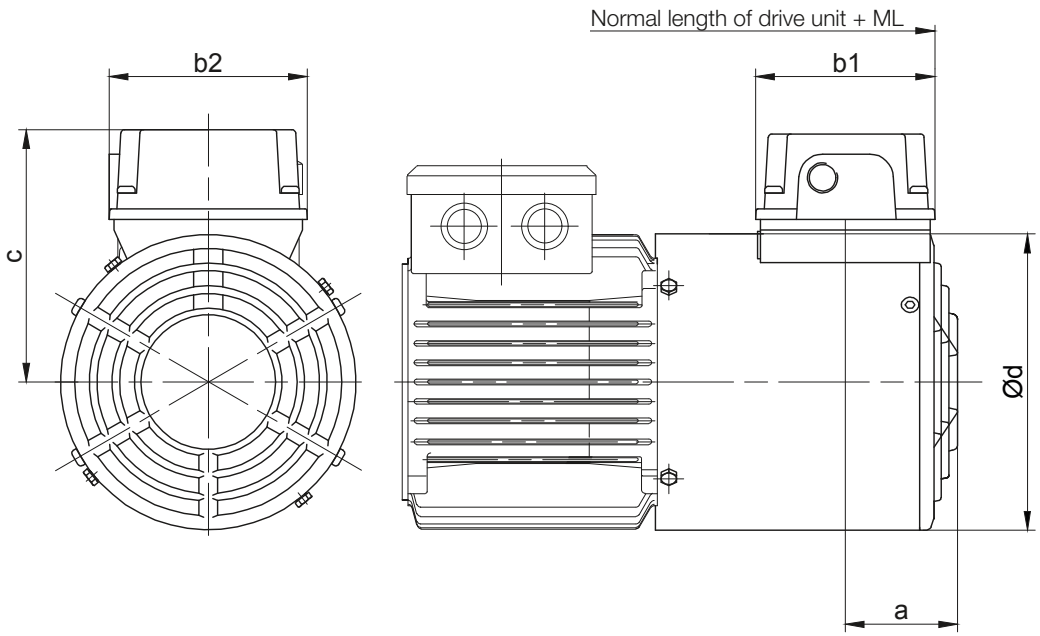


Fan cover geomettry for D..16 - D..22, see dimensional drawing: terminal box as standard version

Motor	ML (mm) Additional length with attached protective cover				Additional weight
	ML	ML_{BR}	ML_{RS}	ML_{FV}	kg
D..04..	16	-	-	-	0.15
D..05..	18	-	-	-	0.15
D..06..	18	-	-	-	0.15
D..07..	18	-	-	-	0.15
D..08..	14.5	24.5	24.5	40	0.20
D..09..	22	24.5	24.5	30	0.30
D..11..	29	29.5	29.5	33	0.40
D..13..	30	29.5	29.5	25	0.6
D..16..	30.5	34.5	34.5	32	1.8
D..18..	30.5	34.5	34.5	32	5.5
D..20L	31	31	31	31	6.4
D..22S	31	31	31	31	6.4
D..22M	31	31	31	31	6.4

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with independent fan



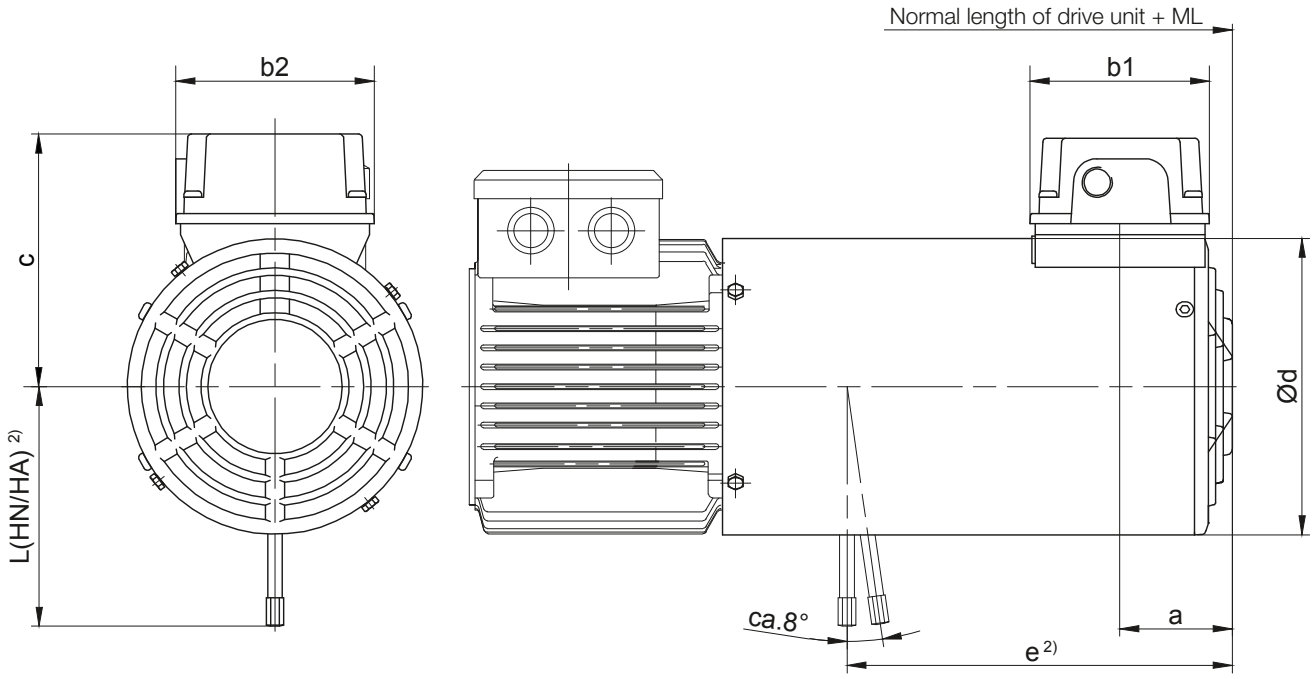
Drive Motor	Fan Motor	kW	r/min	400 V A	ML (mm) Additional length with forced cooling fan	Dimensions (mm) a	b1	b2	c	d	Additional weight ~kg
D..08..	FV D08	0.019	2670	0.029	92	69.5	107	105	134	157	2.2
D..09..	FV D09	0.046	2820	0.106	97	69.5	107	105	143	177	2.7
D..11..	FV D11	0.051	2660	0.110	97	79.5	107	105	162.5	219	3.2
D..13..	FV D13	0.073	2820	0.169	119	78.8	107	105	164	258	4.6
D..16*	FV D16	0.154	2760	0.347	144	78.8	107	105	185	311	6.4
D..18*	FV D18	0.154	2760	0.347	303	78.8	107	105	211	348	8.4
* with bayonet joint											

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Metric

Motor with brake and independent fan



Motor	Bremse	ML (mm)[1)] Mehrlänge mit Bremse und Fremdlüfter	Maße (mm) a	b1	b2	c	Ød	e[2)]	L(HA/HN)[2)]	Mehrgewicht ~kg
D..08..	ES(X)010	202	59	107	105	134	157	204	132	5.0
D..09..	ES(X)010	214	69.5	107	105	143	177	220	132	5.5
	ES(X)027							212	162	7.5
D..11*	ES(X)027	221	69.5	107	105	162.5	219	226	162	8.0
	ES(X)040							223	172	10
	ES(X)070							218	184	12
D..13*	ES(X)040	237	79.5	107	105	164	164	254	202	11.5
	ES(X)070							250	225	13.5
	ES(X)125							245	223	17.5
D..16*	ES(X)125	294	78.8	107	105	185	311	298	244	19.5
	ES(X)200							291	256	25
	ES(X)300							262		27
D..18*	ES(X)250	303	78.8	107	105	211	348	307	286	37
	ES(X)500							277		38.5

* mit Bajonettverschluss

[1)]Die Mehrlänge bezieht sich auf das normale Motorteil ohne Bremse.
Übrige Maße siehe jeweiliges Standard-Maßbild.

[2)]Handlüftung auf Anfrage

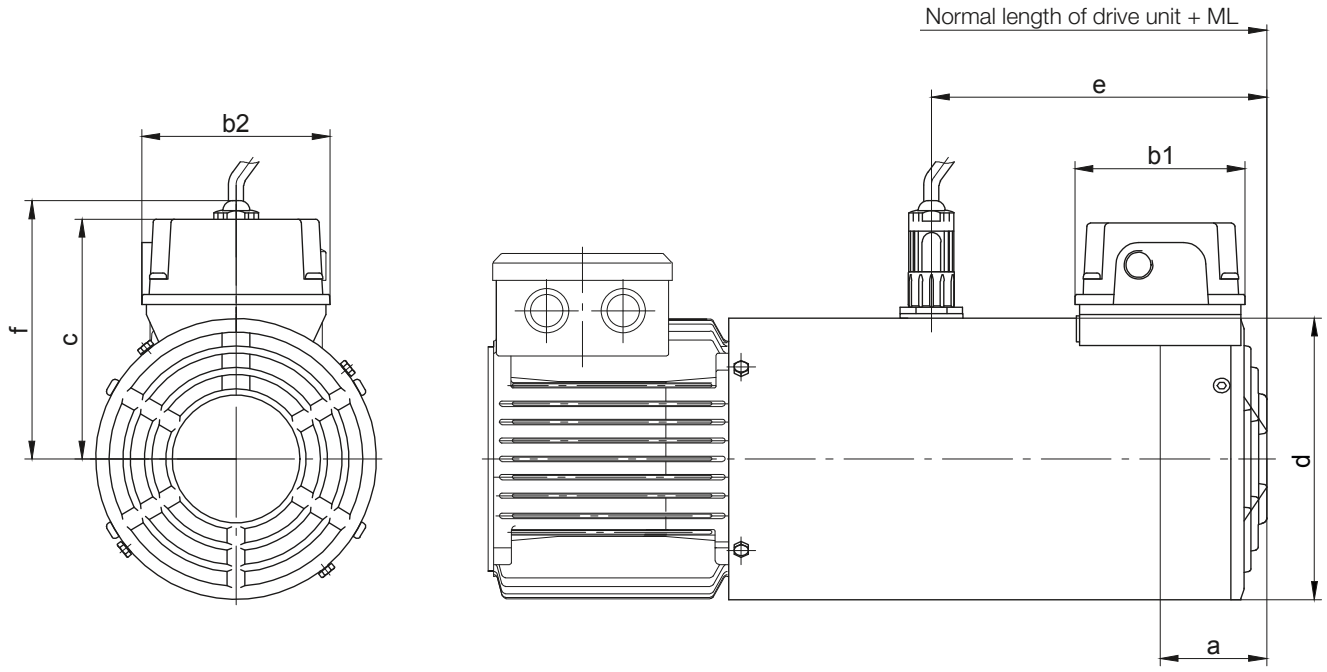
HA = Handlüftung arretierbar

HN = Handlüftung nicht arretierbar

16

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with encoder with built-on independent fan



Motor	ML (mm)[1)] Additional length with encoder and forced ventilation	Dimensions (mm)							Additional weight
		a	b1	b2	c	d	e	f	~kg
D..08..	202	59	107	105	134	157	187	144	2.6
D..09..	214	69.5	107	105	143	177	192	153.5	3.3
D..11*	221	69.5	107	105	162.5	218	192	-	4.0
D..13*	240	79.5	107	105	164	258	217	-	5.7
D..16*	294	78.8	107	105	185	311	252	-	7.9
D..18*	303	78.8	107	105	211	348	267	-	10.9

* with bayonet joint

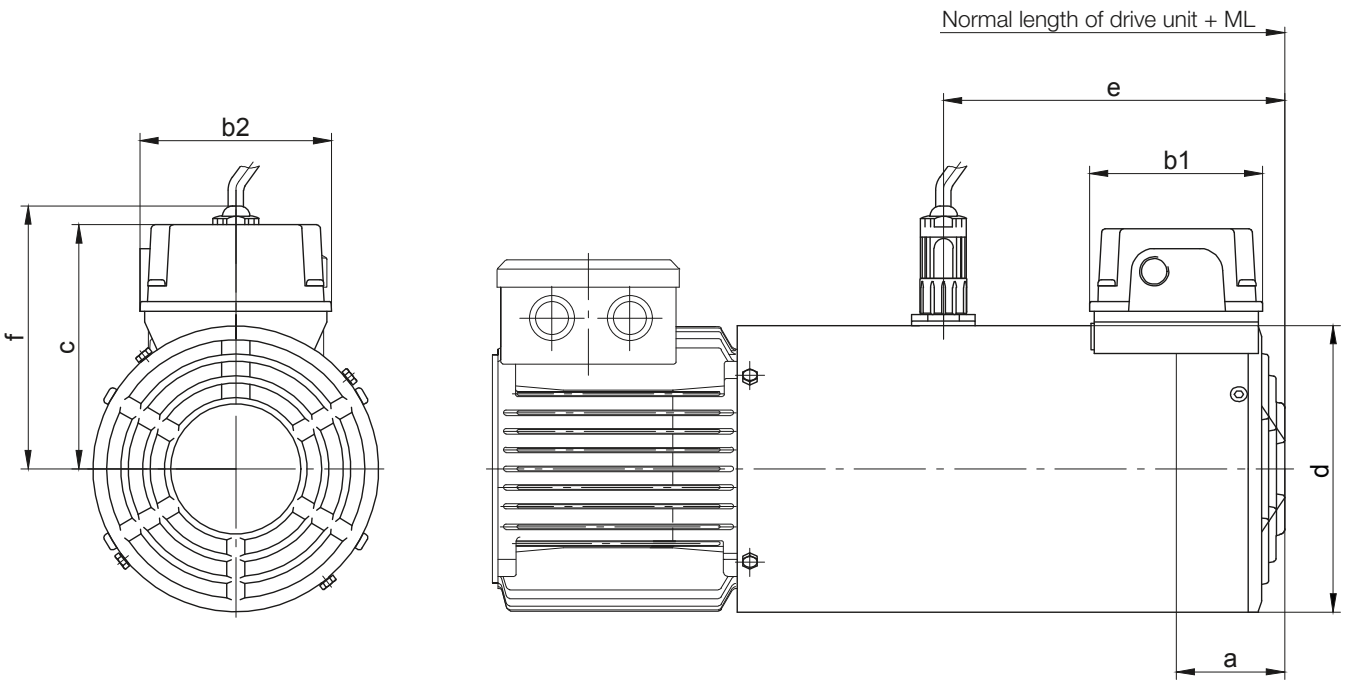
[1)] The additional length is for normal motor unit without brake.
Other dimensions see the appropriate normal dimensioned sketch.

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Metric

Motor with brake and encoder with built-on independent fan



Motor	Brake	ML (mm)1) Additional length with brake. encoder and forced ventilation	Dimensions (mm) a	b1	b2	c	Ød	e[2)]	g	h	L(HA/HN)[2)]	Additional weight ~kg
D..08..	ES(X)010	202	59	107	105	134	157	204	150	150	132	6.0
D..09..	ES(X)010	214	69.5	107	105	143	177	220	160	160	132	6.5
	ES(X)027							212	160		162	8.5
D..11*	ES(X)027	221	69.5	107	105	162.5	219	226	155	175	162	9.0
	ES(X)040							223	155		172	11.5
	ES(X)070							218	155		184	13.5
D..13*	ES(X)040	240	79.5	107	105	164	258	254	175	194.5	202	13
	ES(X)070							250	175		225	15
	ES(X)125							245	175		223	19
D..16*	ES(X)125	294	78.8	107	105	185	311	298	195	221	244	21
	ES(X)200							291	195		256	27
	ES(X)300							262	195			29
D..18*	ES(X)250	303	78.8	107	105	211	348	207	212	239.5	286	39
	ES(X)500							277	212			40.5

* with bayonet joint

[1)] The additional length is for normal motor unit without brake.
Other dimensions see the appropriate normal dimensioned sketch.

[2)] Brake release on request

HA = manual release lockable

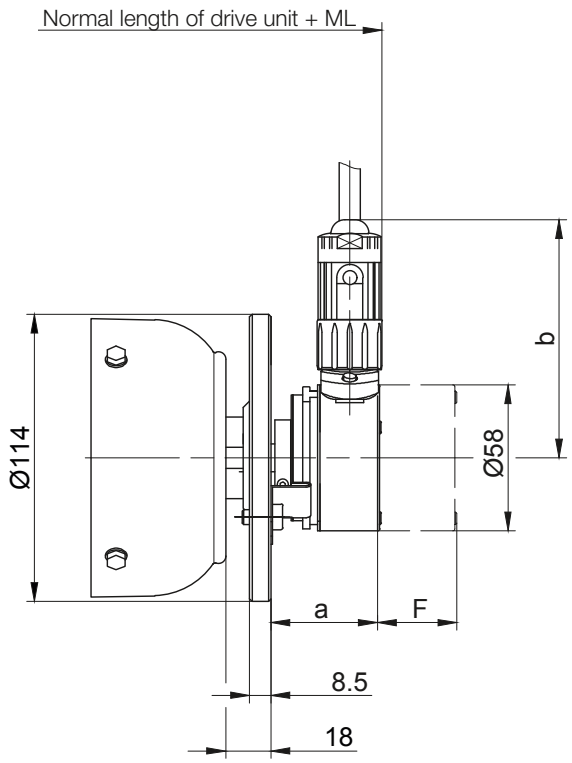
HN = manual release not lockable

16

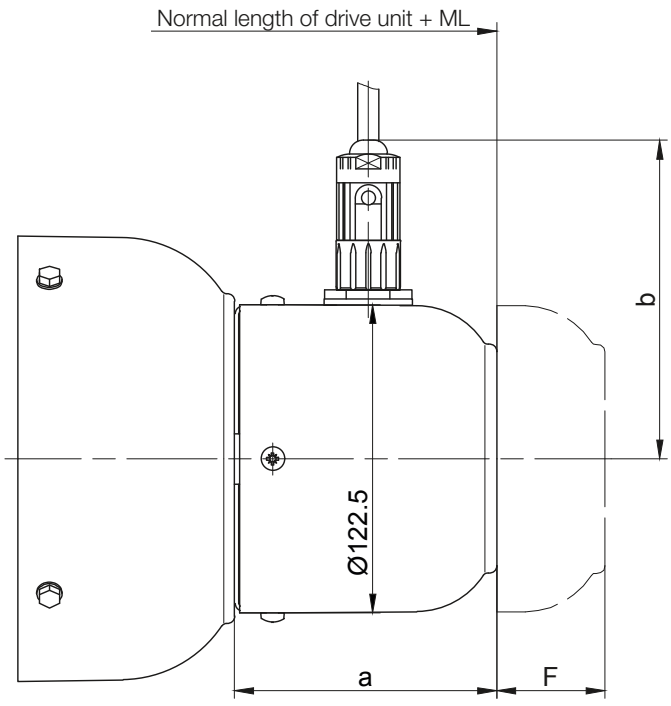
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with encoder

D..04..



D..05..-D..22..



Fan cover geometry for D..16 - D..22, see dimensional drawing: terminal box as standard version

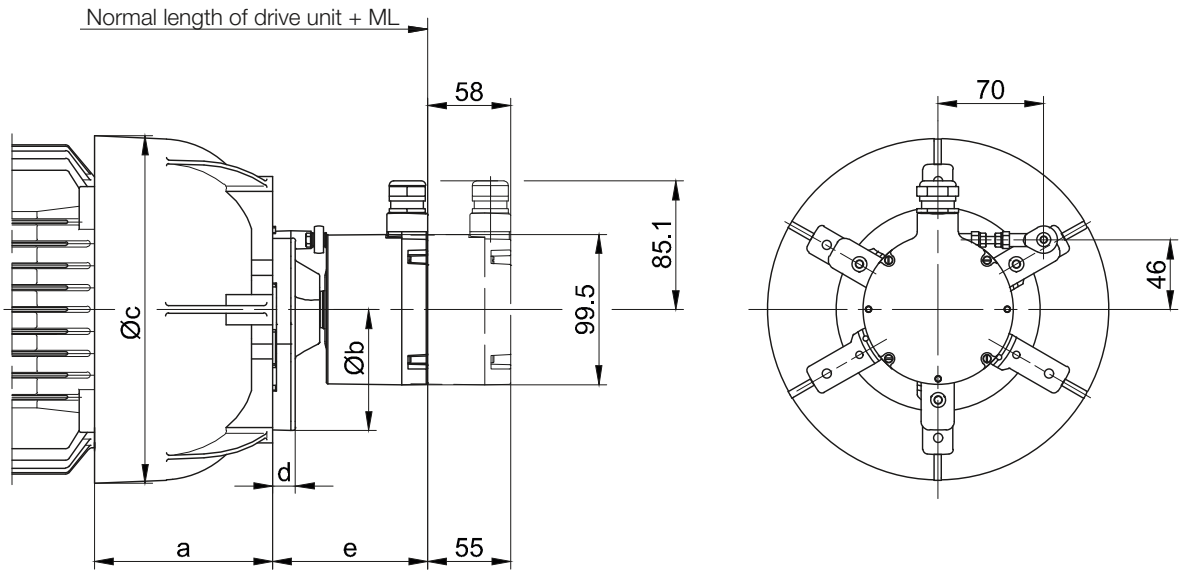
Motor	ML (mm) Additional length with encoder	Dimensions (mm) Incremental encoder a	Dimensions (mm) Incremental encoder c	Dimensions (mm) Absolute encoder a	Dimensions (mm) Absolute encoder b	Additional weight kg	Free space for removing encoder „F“ Incremental encoder	Free space for removing encoder „F“ Absolute encoder
D..04..	62.5	43.5	95	69.5	109.5	0.7	30	55
D..05..	103	98.5	127	98.5	127	0.9	63	88
D..06..								
D..07..								
D..08..	107	107.5		107.5			41	66
D..09..		104		104		0.8	43	68
D..11..								
D..13..								
D..16..	110							
D..18..								
D..20L	106	106		106		1.2		
D..22S								
D..22M								

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Metric

Motor with “heavy duty“ encoder



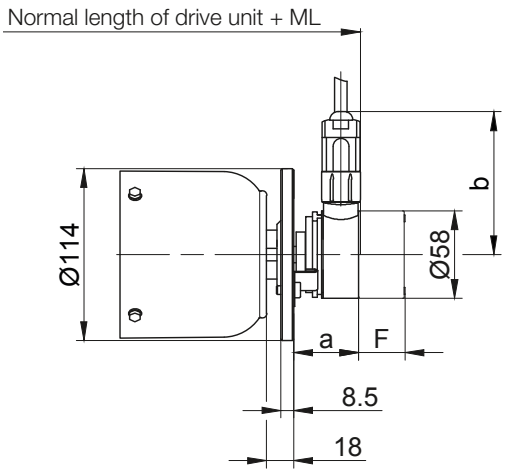
Motor	ML (mm)	Dimensions (mm)					Additional weight
	Additional length with encoder	a	b	c	d	e	kg
D..08..	114	83.5	160	166	15	102.5	2
D..09..	118.5	102		191			
D..11..	121.5	120		231			5.4
D..13..	115.5	140	185	274.5	17	94.5	8.6
D..16..	113.5	155		326			9.6
D..18..	122.5	183		366			11.5

16

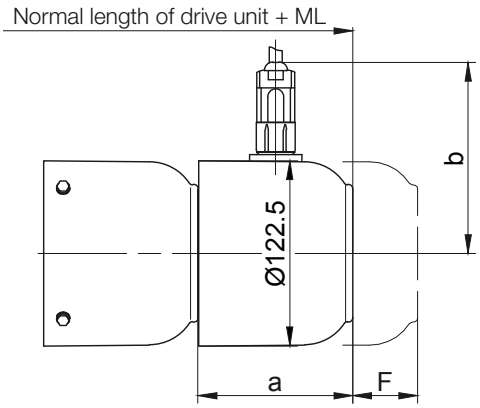
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor with brake and encoder

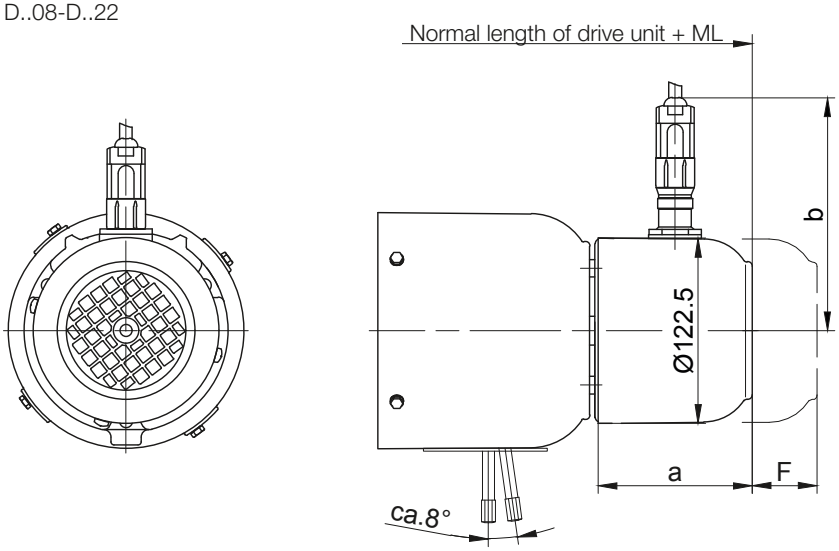
D..04..



D..05..-D..22..



D..08-D..22



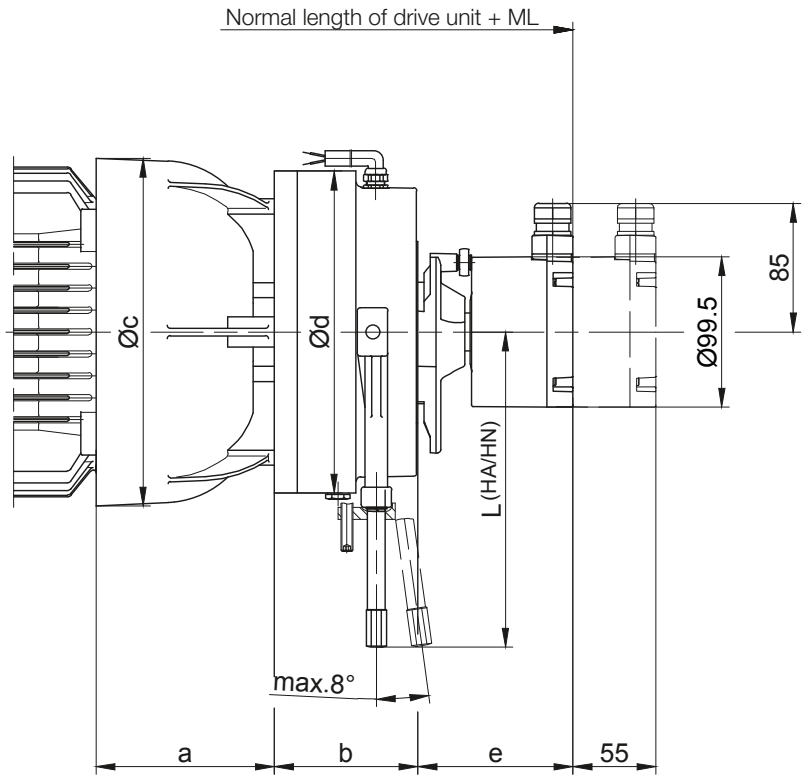
Motor	Brake	ML (mm)	Dimensions (mm)				Additional weight	Free space for removing encoder „F“	
		Additional length with brake and encoder	Incremental encoder		Absolute encoder			Incremental encoder	Absolute encoder
			a	c	a	b	kg		
D..04..	E003	105.5	43.5	95	69.5	109.5	0.7	30	55
D..05..		145	102	127	102	127	0.9	63	88
D..06..									
D..07..	E003/E004								
D..08..	ES(X)..	173.5					0.8	49	74
D..09..	ES(X)..	197							
D..11..	ES(X)..	200							
D..13..	ES(X)..	212							
D..16..	ES(X)..ZS(X)	248	104						
D..18..	ES(X)..ZS(X)	247.5							
D..20L	ES(X)..ZS(X)	233.5	106				1.2		
D..22S	ES(X)..ZS(X)								
D..22M	ES(X)..ZS(X)								

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Motor-mounted components

Dimensional Drawings Metric

Motor with “heavy duty“ brake and encoder

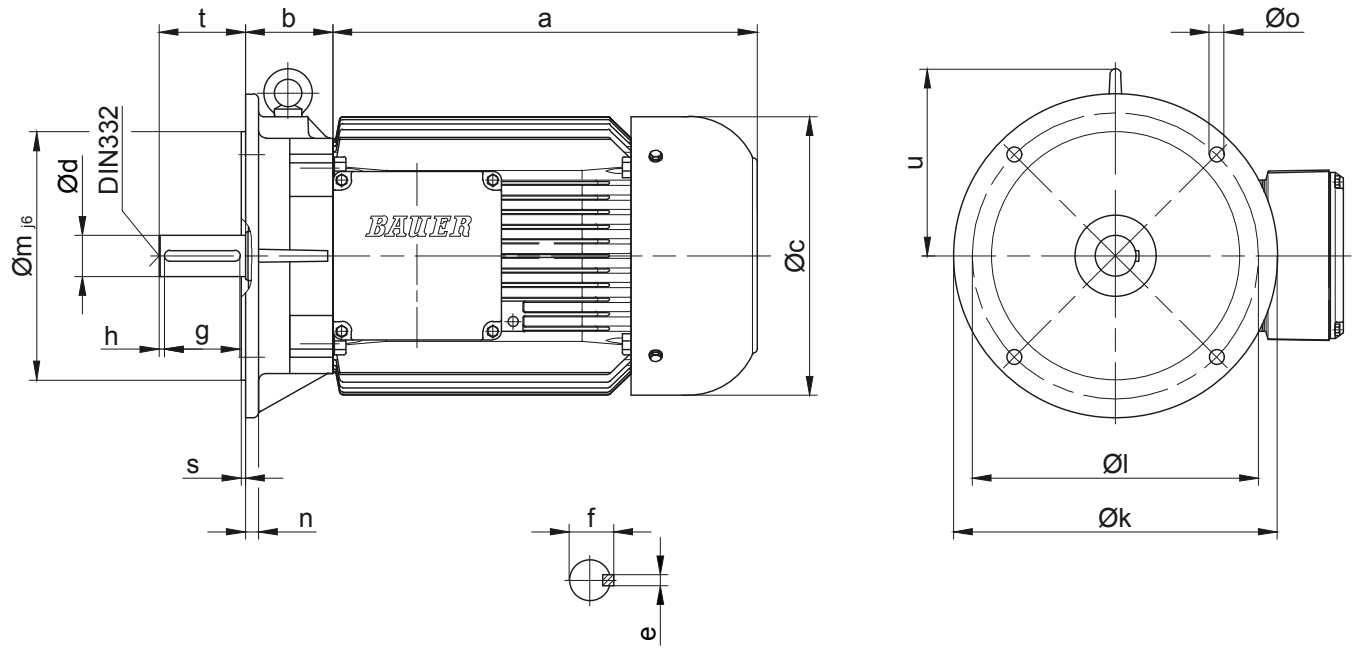


Motor	Brake	ML (mm) Additional length with brake and encoder	Dimensions (mm) a	b	c	Ød	e	L (HA/HN)	Additional weight kg
D..08..	EH(X)027	180.5	83.5	66.5	166	145	102.5	162	7.1
D..09..	EH(X)040	191.5	102	73	191	168		172	10
D..11..	EH(X)125	216.5	120	95	231	213		208.5	21.4
D..13..	EH(X)200	259	140	106	274.5	245	94.5	221	32
D..16..	EH(X)400	243	155	124	326	324		313	58
D..18..		254	183		366				61
HA = manual release lockable HN = manual release not lockable									

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The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

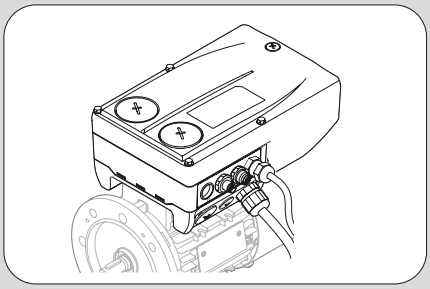
Motor in IEC design



Fan cover geomettry for D..16 - D..18, see dimensional drawing: terminal box as standard version

Motor	Dimensions (mm)																Centering
	a	b	c	d	e	f	g	h	k	l	m	n	o	s	t	u	DIN 332
D..06..A	170	45	123	11_{j6}	4	12.5	18	2.5	140	115	95	9	10	2.75	23	-	D4
D..07..A	190	45	123	11_{j6}	4	12.5	18	2.5	140	115	95	9	10	2.75	23	-	D4
D..08..A	200	49	156	19_{j6}	6	21.5	35	2.5	200	165	130	10	12	3.5	40	-	D4
D..08..B	230	49	156	19j6	6	21,5	35	2,5	200	165	130	10	12	3,5	40	-	D4
D..09..A	251	66	176	24_{j6}	8	27	40	5	200	165	130	10	12	3.5	50	128.5	D6
D..09..B	309	66	176	24j6	8	27	40	5	200	165	130	10	12	3,5	50	128,5	D6
D..11..A	319	75	218	28_{j6}	8	31	50	5	250	215	180	11	14.5	4	60	145.5	D10
D..11..B	387	75	218	28j6	8	31	50	5	250	215	180	11	14,5	4	60	145,5	D10
D..13..A	393	81	266	38_{k6}	10	41	70	5	300	265	230	12	14	4	80	173	D12
D..16..B	454.5	98.5	310	42_{k6}	12	45	90	10	350	300	230	13	18.5	5	110	215.5	D16
D..18..B	542	128.5	348	48_{k6}	14	51.5	100	5	350	300	250	15	18.5	5	110	218	D16

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.



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Decentral Drive Technology

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EtaK2.0 geared motors

Bauer liefert Getriebemotoren von 0,12 bis 7,5 kW auch mit angebautem Frequenzumrichter/ EtaK2.0. Die Frequenzumrichter der Reihe EtaK2.0 werden anstatt Klemmenkasten direkt an den Motor angebaut. Das erforderliche Einbauvolumen des Getriebemotors ist unwesentlich größer als bei den Standard-Getriebemotoren.

Efficient and ideal for distributed systems

EtaK2.0 Getriebemotoren helfen Ihnen gleich mehrfach zu sparen: Bei der Planung und Installation sowie bei Betriebskosten und Wartung. Sie helfen Ihnen, die Effizienz Ihrer Anlagen zu steuern, Mechanik zu schonen und die Netzbelastung zu reduzieren. EtaK2.0 Getriebemotoren leisten damit einen wertvollen Beitrag zur Energieeinsparung und Wirkungsgradoptimierung Ihrer Anwendung.

EtaK2.0 Getriebemotoren sind eine Kombination aus Stirnrad-, Flach-, Kegelrad- und Schnecken-Getriebemotoren in allen Bauformen und einem Frequenzumrichter. Damit stehen kompakte Antriebslösungen mit stufenlos veränderbarer Drehzahl im Motorleistungsbereich bis 7,5 kW zur Verfügung.

EtaK2.0 Getriebemotoren sind die intelligenten Leistungsglieder für zukunftsweisende Anlagenkonzepte. Sie passen sich optimal an die Arbeitsbedingungen und erforderlichen Prozessgeschwindigkeiten an. Die Steuerung erfolgt über digitale und analoge Eingänge und Ausgänge sowie vorzugsweise über Feldbussysteme. Der Umrichter liefert dabei wertvolle Zusatzinformationen zum Schutz und Überwachen der Anlage.



Features of EtaK2.0 geared motors

Die Kombination des Getriebemotors mit dem Umrichter bietet eine ganze Reihe von Vorteilen:

Kosten reduzieren - Platz sparen
- Kostenreduzierung bei Planung und Installation
- Einsparung von Schaltschrankraum
- Reduzierung der Lagerhaltung durch weniger Antriebsvarianten
- Verbesserung der thermischen Situation im Schaltschrank
- Vermeidung geschirmter Motorzuleitungen

In Systemen denken - Anpassungen vermeiden
- Umrichter und Motor in einer kompakten Einheit integriert
- Umrichter werkseitig optimal an Motor und Anwendung angepasst
- Umrüstung von bestehenden Antrieben möglich
- Verkabelung vereinfacht

Anwendervorteile
- Anwendungsspezifisch vorkonfiguriert für Plug and Play
- Schlupfkompensation für lastunabhängige Drehzahlkonstanz
- PID-Regler zum Aufbau von Prozessregelungen
- Automatische Anpassung der Taktfrequenz an die Temperatur

Technical Data for EtaK2.0

- Motorleistungsbereich 0,12 .. 7,5 kW
- Anschlussspannung 3 x 400 .. 480 V +/- 10 %
- Eingangsfrequenz 50/60 Hz
- 200 % des Motornennmoments im gesamten Stellbereich
- nach UL-Vorschriften aufgebaut
- Schutzart IP65 von Motor und Umrichter
- integrierte Schutzeinrichtungen gegen Überlast, Überstrom, Phasenausfall, Über- und Unterspannung
- Thermische Überwachung des Antriebs

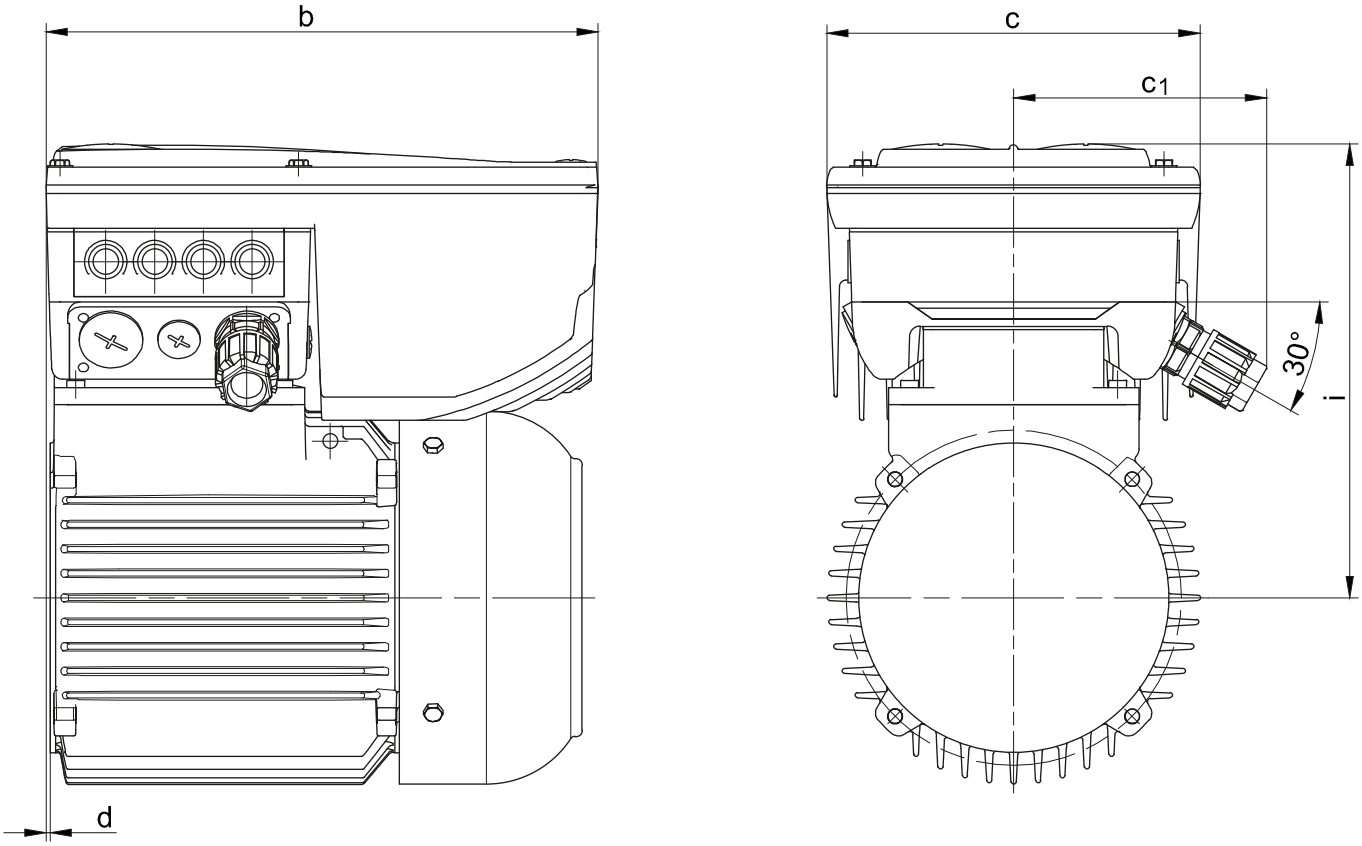
Added benefits

- 200 % Überlaststrom (3s)
- U/f Steuerung mit und ohne Geber
- Sensorlose Vektorregelung
- Gleichstrombremsung
- S-Rampe für sanftes Beschleunigen
- Max. Ausgangsfrequenz 300 Hz
- CANopen, PROFIBUS, PROFINET, EtherCAT, EtherNet/IP und AS-Interface
- Sicherheitsfunktion STO in Kombination mit einer Communication-Unit mit Feldbussystem

Motor combinations

P_N 60 Hz [kW]	Typ*	Eckfrequenz 60 Hz Motor: 405 V/60 Hz/Y	Eckfrequenz 104 Hz Motor: 234 V/60 Hz/D
		P_{FU} [kW]	P_{FU} [kW]
0,12	DHE06LA4	0,37	0,37
0,18	DHE06LA4	0,37	0,37
0,25	DHE07LA4	0,37	0,55
0,37	DHE08MA4	0,37	0,75
0,55	DHE08LA4	0,55	1,1
0,75	DHE08XA4	0,75	1,5
1,1	DHE09LA4	1,1	2,2
1,5	DHE09XA4	1,5	3
2,2	DHE09XB4	2,2	4
3	DHE11MA4	3	5,5
4	DHE11LA4	4	7,5
5,5	DHE11LB4	5,5	-
7,5	DHE13LA4	7,5	-

Dimensional drawing with attached EtaK2.0 inverter



Other dimensions see the appropriate normal dimensioned sketch

Motor	Type EtaK2.0		Dimensions (zoll)					Gable entry
			b	c	c[1]	d	i	
D..06	K2A003	-	9.65	6.14	4.72	-0.2	6.26	QUICKON
D..07	K2A005	-	9.65	6.14	4.72	-0.2	6.26	QUICKON
D..08	K2A003	K2A005	13.43	6.14	4.72	-0.04	6.93	QUICKON
	K2A007	K2A011	13.43	6.14	4.72	-0.04	6.93	QUICKON
	K2A015	-	13.43	6.14	4.72	-0.04	6.93	QUICKON
D..09	K2A011	K2A015	9.37	6.14	4.72	0.08	8.39	QUICKON
	K2A022	K2A030	10.16	6.93	4.72	0.08	8.39	QUICKON
	K2A040	-	12.83	7.68	4.72	-0.04	11.22	QUICKON
D..11	K2A022	K2A030	10.20	6.93	4.72	0.04	9.17	QUICKON
	K2A040	K2A055	12.87	7.68	4.72	-0.08	11.97	QUICKON
	K2A075	-	12.87	7.68	5.20	-0.08	11.97	QUICKON
D..13	K2A075	-	13.54	7.68	5.20	-0.73	13.19	QUICKON

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Available accessories

Zur Parametrierung und zur Steuerung des EtaK2.0 ist entweder der USB-Diagnose-Adapter in Kombination mit einer kostenlosen Software oder das Handterminal notwendig.
Ohne dieses Zubehör sind keine Parameteranpassungen möglich.

USB diagnostic adapter

Die Bedienung, Parametrierung und Diagnose des EtaK2.0 erfolgt über die Diagnose-Schnittstelle. Der Anschluss eines PCs kann über die USB Schnittstelle und den USB-Diagnose-Adapter erfolgen. Zur Verbindung des USB-Diagnose-Adapters mit der Diagnose-Schnittstelle (DIAG) am Inverter ist eine 5 m lange Anschlussleitung im Paket enthalten. Die Verbindung kann bei laufendem Betrieb hergestellt werden. Mit dem Engineering Tools EASY Starter oder Engineer kann die Bedienung, Parametrierung oder Diagnose der Inverter durchgeführt werden. Beide Tools haben einfache intuitive Oberflächen. So ist z. B. eine Inbetriebnahme schnell und einfach umzusetzen.

Merkmale	Steckplatz	BAU ID
• eingangsseitige Spannungsversorgung über USB-Anschluss vom PC • ausgangsseitige Spannungsversorung über Diagnose-Schnittstelle des Inverters • Diagnose-LEDs • galvanische Entkopplung von PC und Inverter • hot-plug-fähig • 5 m Anschlussleitung	DIAG	BAU4020468



Handheld terminal

Mit dem Handterminal kann alternativ zum PC auf einfache Weise eine lokale Bedienung, Parametrierung oder Diagnose erfolgen. Über strukturierte Menüs und eine Klartextanzeige sind die Daten schnell erreichbar. Das Handterminal kann von außen an die Diagnose-Schnittstelle (DIAG) des Umrichters aufgesteckt werden.

Merkmale	Steckplatz	BAU ID
• Handterminal im robusten Gehäuse • inkl. 2,5 m Kabel • Schutzart IP20 • für 8400 motec	DIAG	BAU2612968



Switch potentiometer unit

The switch / potentiometer unit is mounted directly onto the 8400 motec or to another part of the system. With the switch/potentiometer unit and the control connections integrated into the drive controller, an analogue reference value can be preset with the integrated potentiometer; the drive can be started or stopped or the direction of rotation can be changed, for example, via the rotary switch.

Specification	Features	Plug-in location	BAU ID
Switch / potentiometer unit E82ZBU	· 2.5 m flying lead · IP65 enclosure rating	Connection to the control ports of the communication unit	BAU2616424

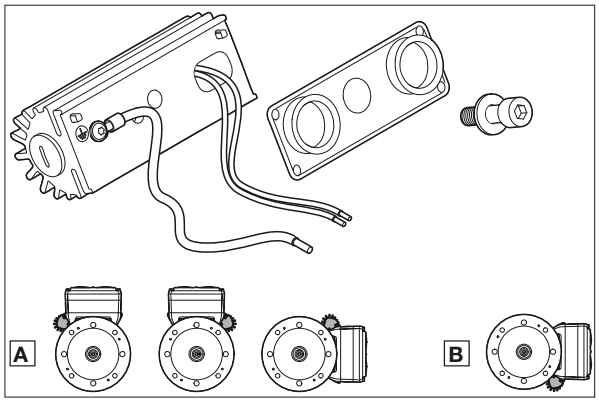


Built-in potentiometer

Features	Plug-in location	BAU ID
· The mounted potentiometer can be mounted directly to the EtaK2.0 wiring unit. · With the potentiometer and the control connections integrated into the drive controller, an analogue reference value can be preset or the drive can be started or stopped.	Connection to the control ports of the communication unit	BAU3126561



Internal braking resistances



	R_B (C00129)	P_D (C00130)		Q_B (C00131)	C00574	IP	E84DGDVB...
		A	B				
	[Ω]	[W]	[W]	[kWA]	=		
BAU-ID 2612887	220	40	30	0.6	1 Fault	IP65	3714 5514 7514 1124 1524
BAU-ID 2612879	100	40	30	0.6	1 Fault	IP65	2224 3024
BAU-ID 2612861	47	40	30	0.6	1 Fault	IP65	4024 5524 7524

Setpoint potentiometer

A setpoint potentiometer for installation in a cable entry gland of the inverter housing is available for adjusting speed directly at the drive. This potentiometer is particularly suitable as an alternative to mechanical actuating drives.

Easy Starter

All VFDs can be parameterised, operated and controlled from the PC using this software. This considerably simplifies parameter setting, commissioning, diagnostics and documentation of the systems. Networking of up to 126 VFDs is possible. Downtimes during device replacement can thus be drastically reduced.

- Basic module for convenient parameterisation and test run.
- Protocol module with monitor function for commissioning complex systems and possibility of modem connection.
- Masking module for creating input and output masks with password protection.

Braking operation with braking resistor

For regenerative operation over a longer period of time or when you have to decelerate large moments of inertia, you need a braking resistor. It converts the braking energy into heat.
The braking resistor is switched on when the DC link voltage exceeds the switching threshold. This prevents the drive controller from setting pulse inhibition due to the „overvoltage“ fault
and the drive from running out.
The braking resistor guides the braking process at all times.

Note:
An internal braking resistor is not integrated in the device. Conversion of braking energy into heat is not possible. Only the brake chopper is integrated in the device.

Supply for mechanical brake

Bauer geared motors can be equipped with spring-applied brakes. A mechanical brake for the motor can be actuated directly by the frequency inverter. The EtaK2.0 VFDs have an integrated motor brake control. The EtaK2.0 supplies and controls the brake as long as it is supplied with mains voltage. The EtaK2.0 generates an appropriate brake supply voltage depending on the mains voltage present, so that a brake suitable for the application can be fitted. The corresponding values for a brake supply voltage are listed in the following table:

--> on the 400 V mains: solenoid voltage 180 V DC
--> on the 400 V mains: solenoid voltage 180 V DC

Optionally, the switching of the brake can also be controlled via an external control contact (e.g. PLC).

The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

Possible assemblies for EtaK2.0

BG-series

Terminal box position	B3 H4	B6 H1	B7 H2	B8 H3	V5 H5	V6 H6	B5	V1	V3
I	✓	x	✓	✓	✓	✓	✓	✓	✓
II	✓	✓	✓	x	✓	✓	✓	✓	✓
III	✓	✓	x	✓	✓	✓	✓	✓	✓
IV	x	✓	✓	✓	✓	✓	x	✓	✓

✓ posible, x not possible

BF-series

Terminal box position	H1	H2	H3	H4	V1	V2
I	x	✓	✓	✓	✓	✓
II	✓	✓	x	✓	✓	✓
III	✓	x	✓	✓	✓	✓
IV	✓	✓	✓	x	✓	✓

✓ posible, x not possible

BK-series

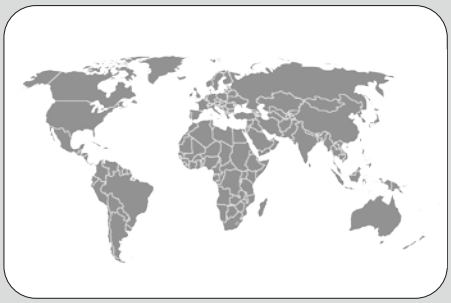
Terminal box position	H1	H2	H3	H4	V1	V2
I	✓	✓	✓	✓	x	✓
II	✓	x	✓	✓	✓	✓
III	✓	✓	✓	✓	✓	x
IV	x	✓	✓	✓	✓	✓

✓ posible, x not possible

BS-series

Terminal box position	H1	H2	H3	H4	V1	V2
I	✓	✓	✓	✓	x	✓
II	✓	x	✓	✓	✓	✓
III	✓	✓	✓	✓	✓	x
IV	x	✓	✓	✓	✓	✓

✓ posible, x not possible



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Latin America 750
Europe 751
Eastern Europe 754
Middle East & Africa 755
APAC 756
China 757



North America



North America					
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BAUER global

Latin America



Latin America



Latin America					
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Europe



Europe

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Eastern Europe



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BAUER global

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Middle East & Africa



Middle East & Africa					
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BAUER global

China



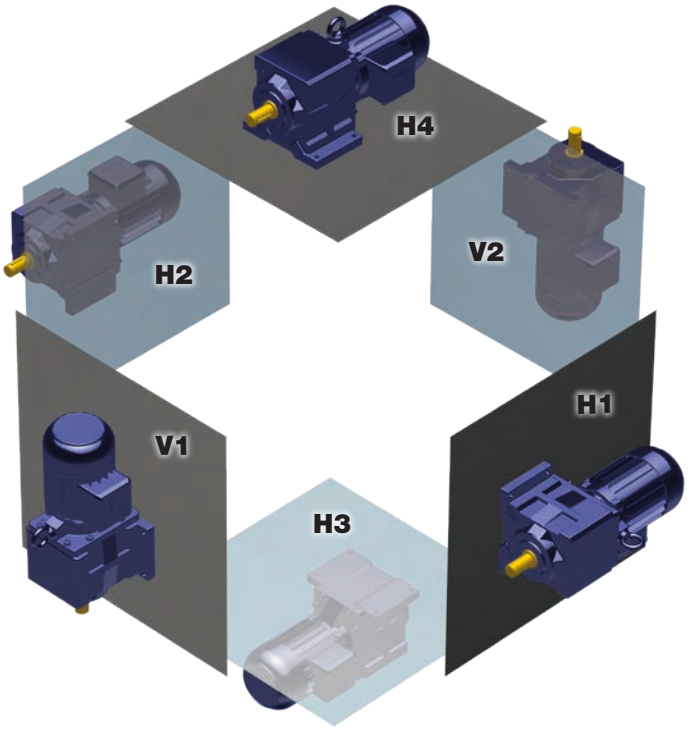
China



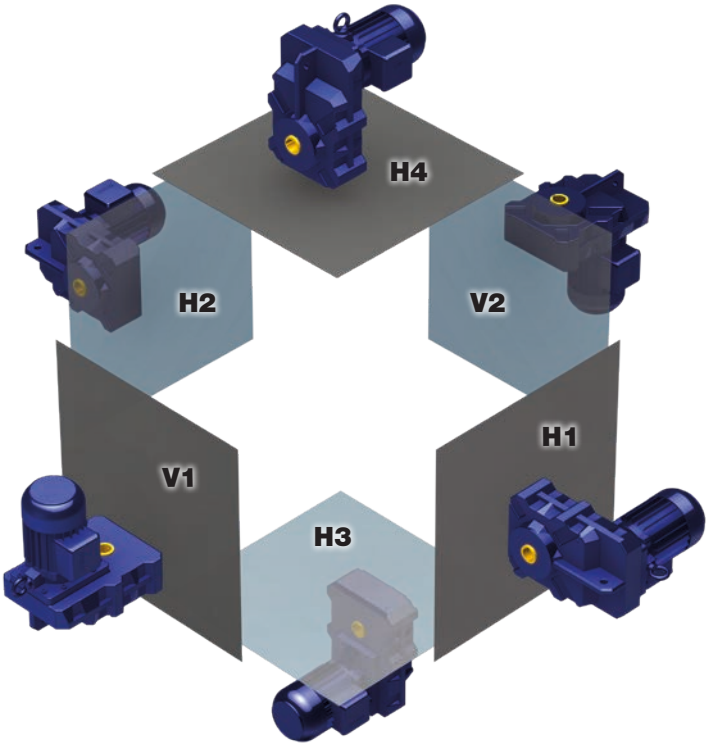
China					
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Notes

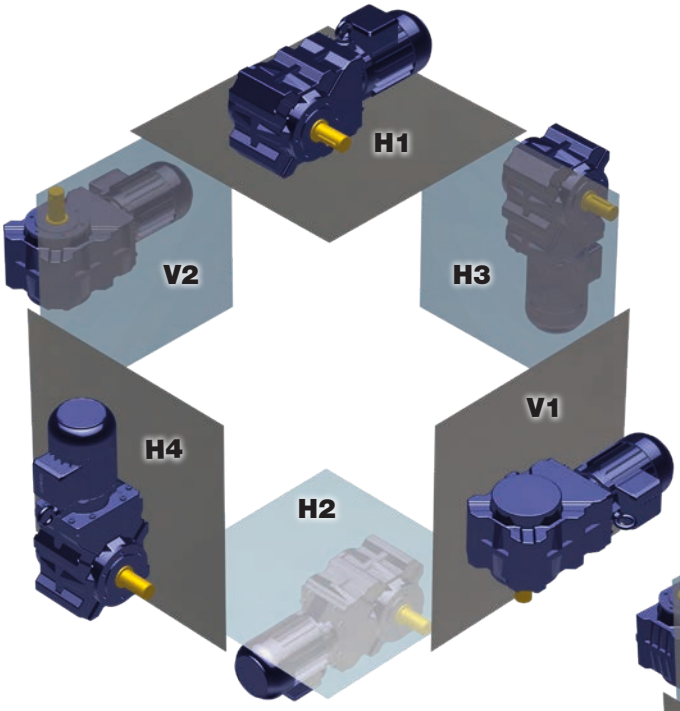
Mounting Positions



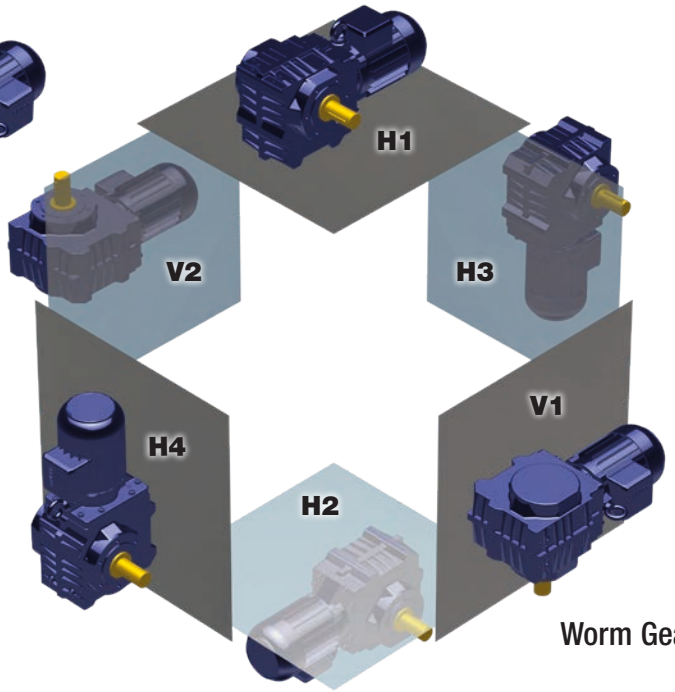
Helical Geared Motors



Parallel Shaft Geared Motors



Bevel Geared Motors



Worm Geared Motors

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