

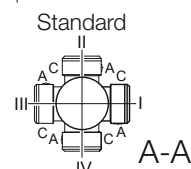
12

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Dimension - Standard

Code -3.V/



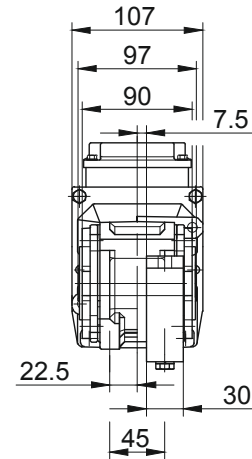
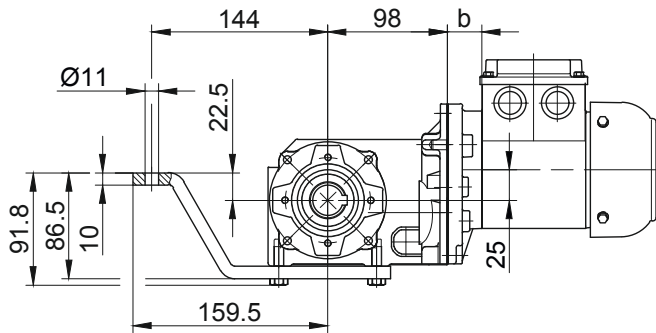
Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK06	Code -3.V/	120	100	80	8	6.6	115	67.5	3	50
Dimensions in millimetres (mm)										

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BK06

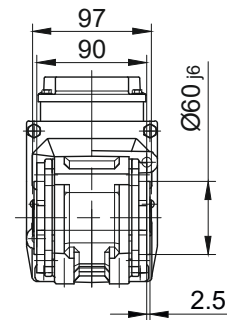
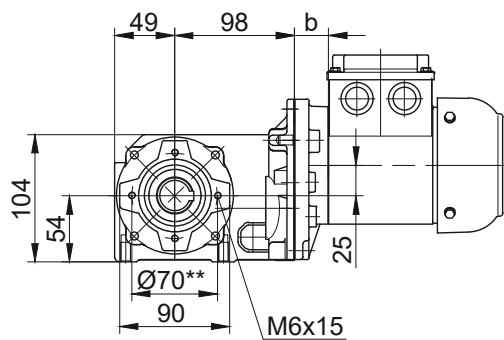
Torque arm at front

Code -5.V/



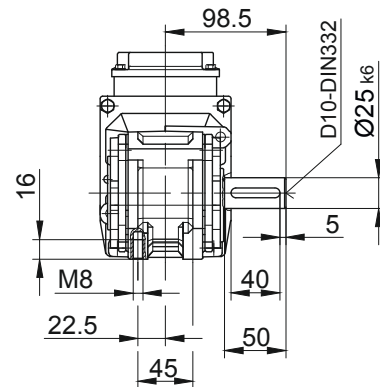
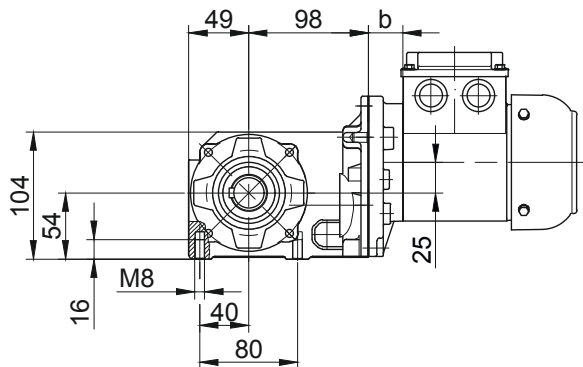
Flange with tapped holes at front

Code -7.V/



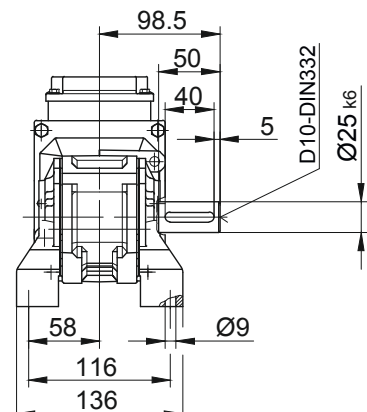
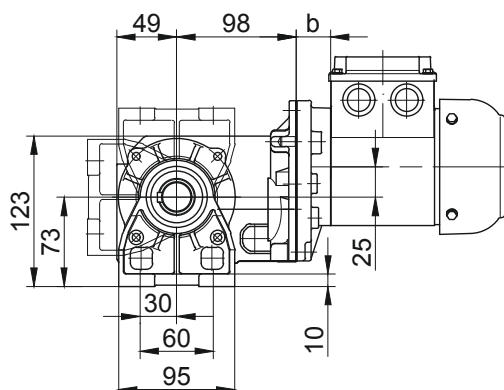
Foot with tapped holes at bottom

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

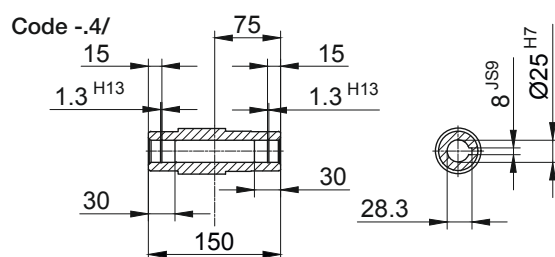
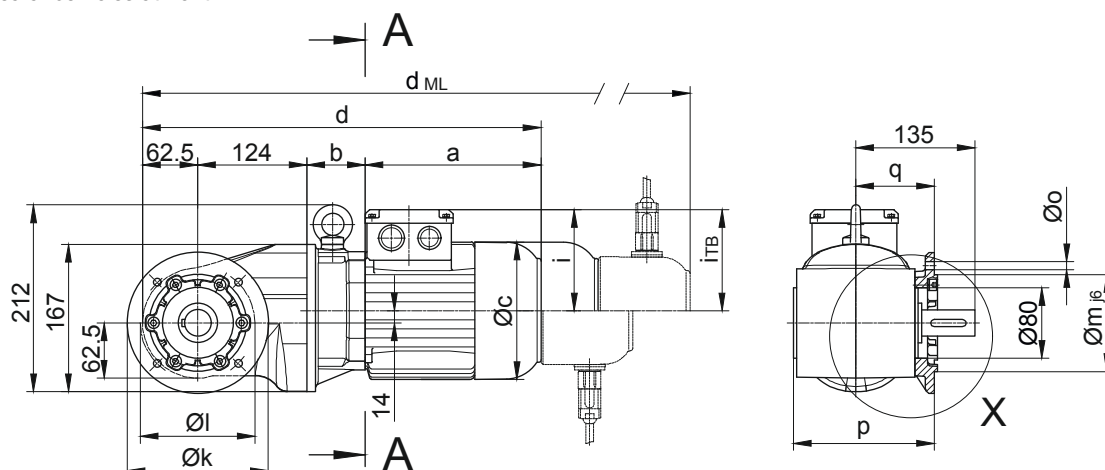
Dimension - Standard

BK08

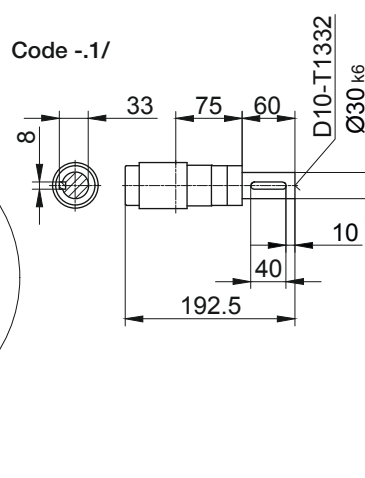
Flange with clearance holes at front

Code -3.V/

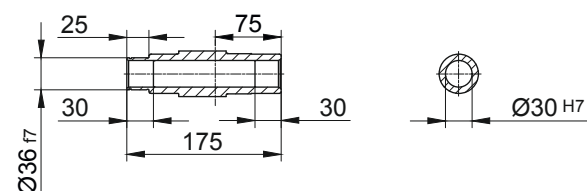
(Code -2.V)



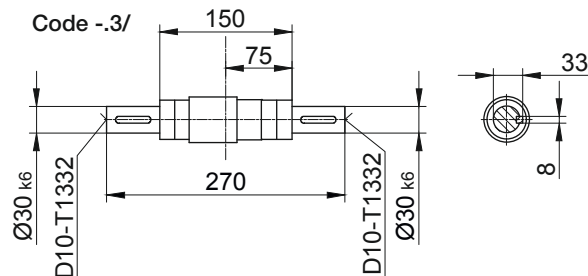
Code -1/



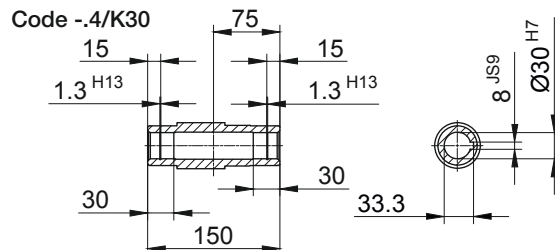
Code -5/



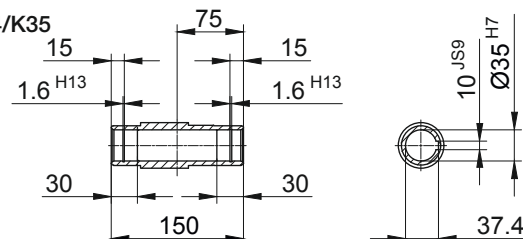
Code -3/



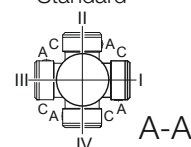
Code -4/K30



Code -4/K35



Standard



Flange Dimensions										
Type	Design	k	l	m	n	o	p	q	s	t
BK08	Code -3.V/	200	165	130	12	11	166.5	96	3.5	39
BK08	Code -2.V/	160	130	110	10	9	159.5	89	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}
BK08-../S..08 (M, L)	199.5	66	156	452	114.5	136.5	518	564	625.5	-

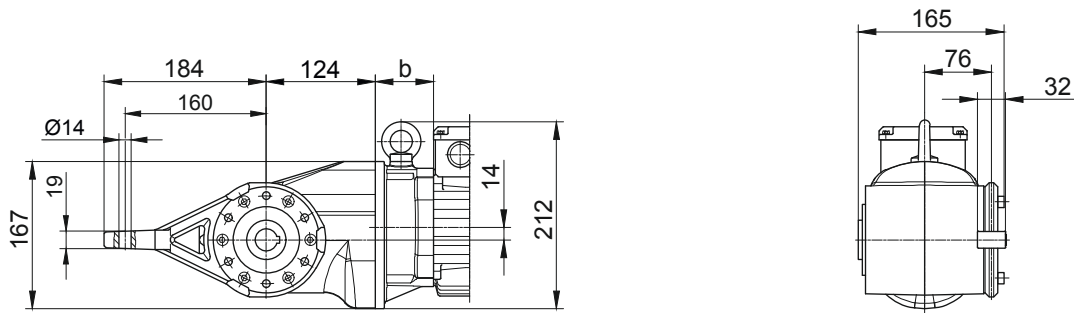
Dimensions in millimetres (mm)

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

BK08

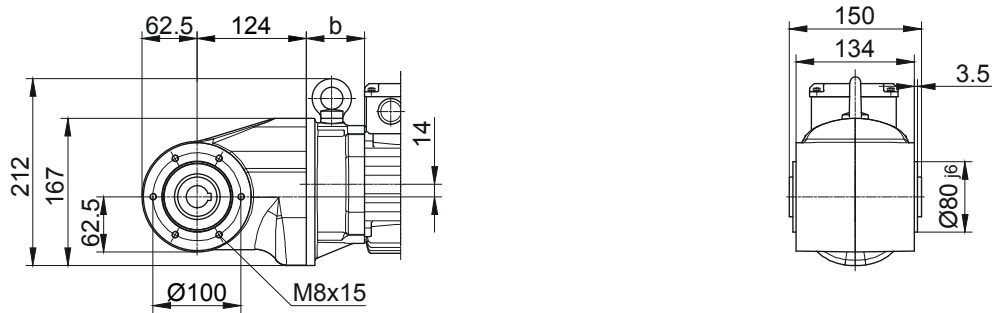
Torque arm at front

Code -5.V/



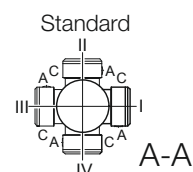
Flange with tapped holes at front

Code -7.V/



Dimension - Standard

Code -3.V/
(Code -2.V/)



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-../S04S	142.5	86	110.5	433.5	90	112	477	521	564.5	-
BK10-../S..06 (M, L)	170.5	62	123	437.5	99	119	479.5	540	577.5	-
BK10Z-../S..06 (M, L)	170.5	88	123	463.5	99	119	505.5	566	603.5	-
BK10-../S..08 (M, L)	199.5	66	156	470.5	114.5	136.5	536.5	582.5	644	-
BK10Z-../S..08 (M, L)	199.5	132	156	536.5	114.5	136.5	602.5	648.5	710	-
BK10-../S..09 (S, X)	250.5	80.5	176	536	124	157	629	643.5	733	-

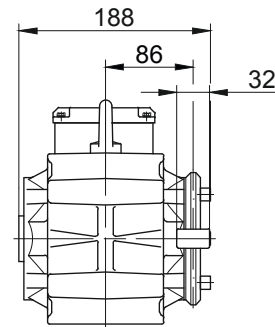
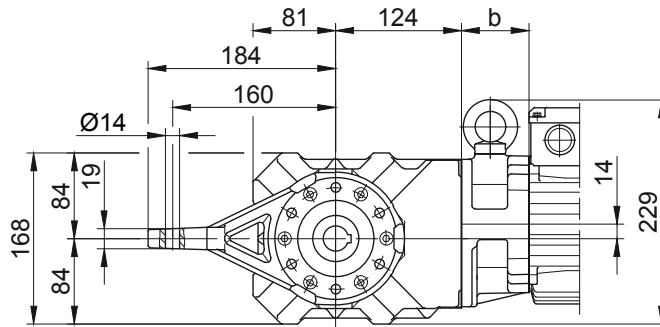
Dimensions in millimetres (mm)

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BK10-BK10Z

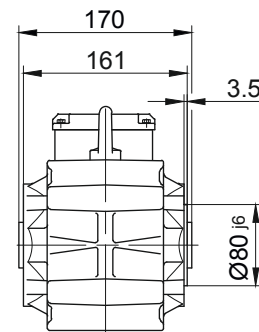
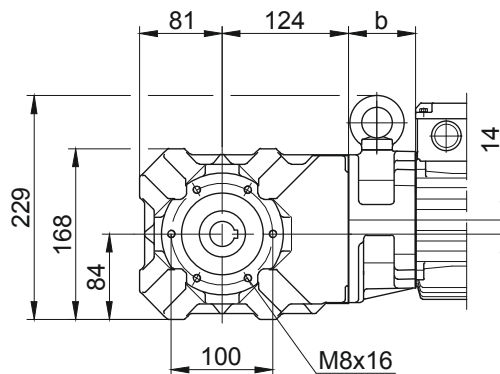
Torque arm at front

Code -5.V/



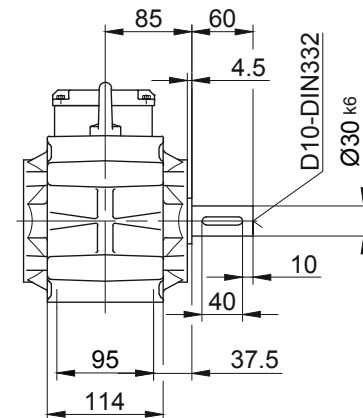
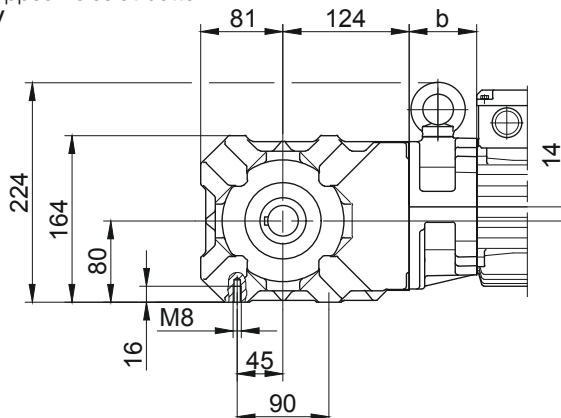
Flange with tapped holes at front

Code -7.V/



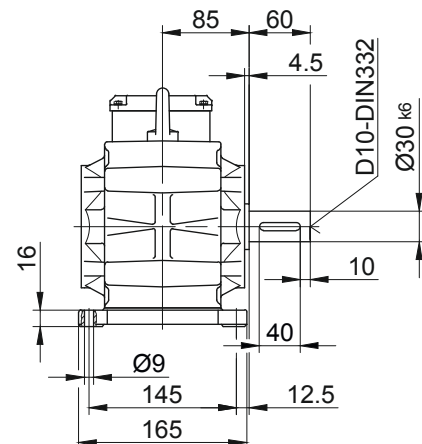
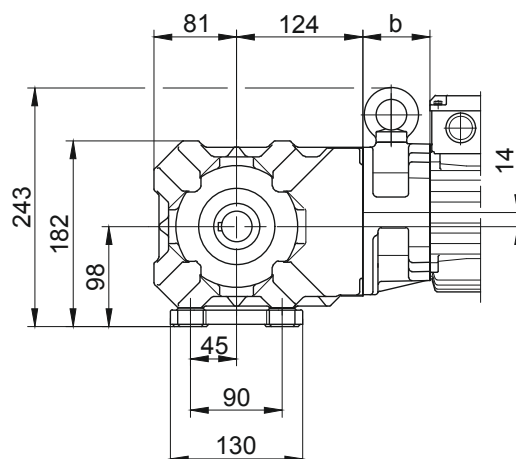
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



BK-series bevel-geared motors

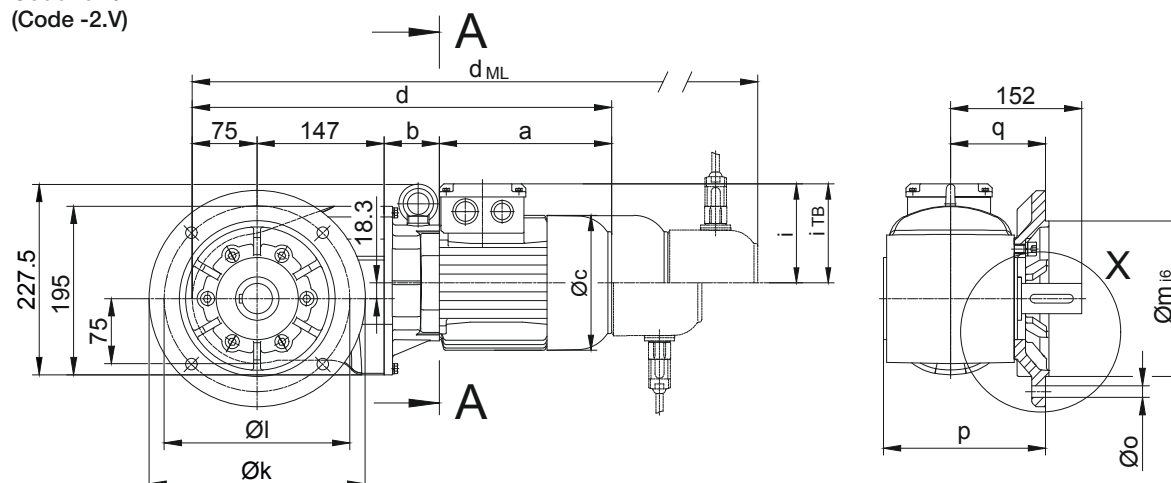
Dimension - Standard

BK17

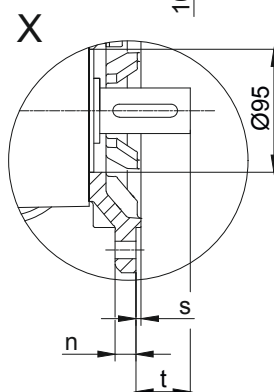
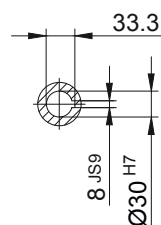
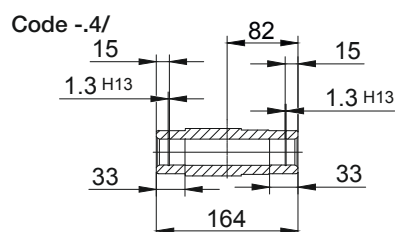
Flange with clearance holes at front

Code -3.V/

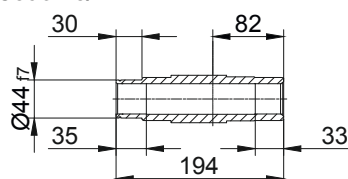
(Code -2.V)



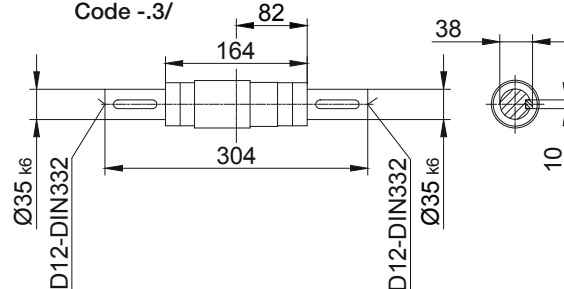
Code -.1/



Code -.5/



Code -.3/



Flange Dimensions

Type	Design	k	l	m	n	o	p	q	s	t
BK17	Code -3.V/	250	215	180	16	13.5	187.5	110	4	42.5
BK17	Code -2.V/	200	165	130	12	11	178.5	101	3.5	51

Dimensions in millimetres (mm)

Type	a	b	c	d	i	i _{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK17-../S..08 (M, L)	199.5	64	156	485.5	114.5	136.5	d _{ML}	d _{ML}	d _{ML}	-
BK17-../S..09 (S, X)	250.5	78.5	176	551	124	157	644	658.5	748	-

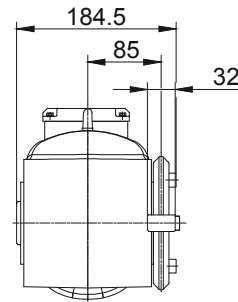
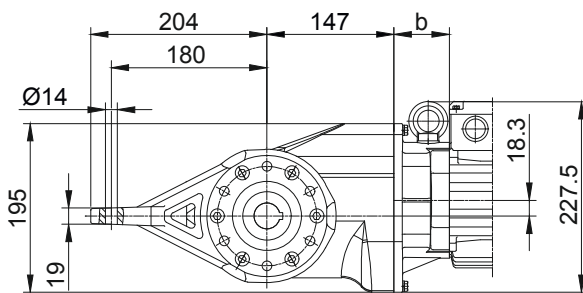
Dimensions in millimetres (mm)

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

BK17

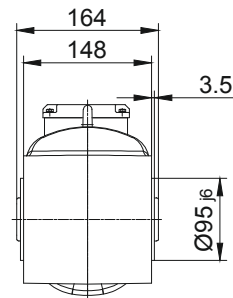
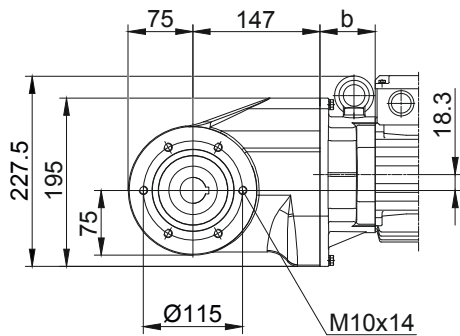
Torque arm at front

Code -5.V/

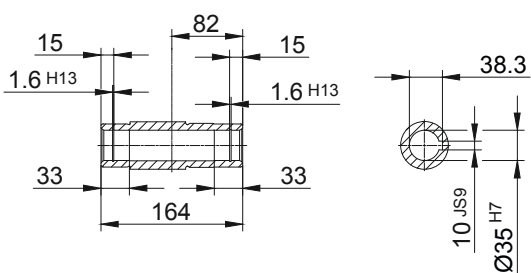


Flange with tapped holes at front

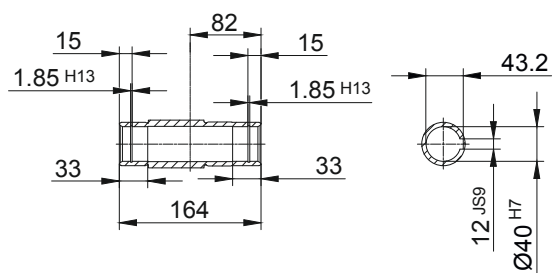
Code -7.V/



Code -4/K35

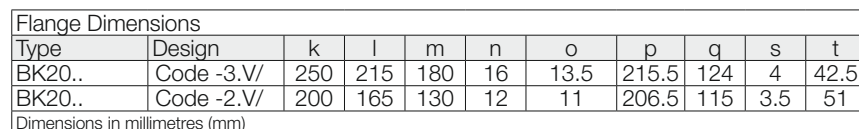


Code -4/K40



Dimension - Standard

(Code -2.V/)

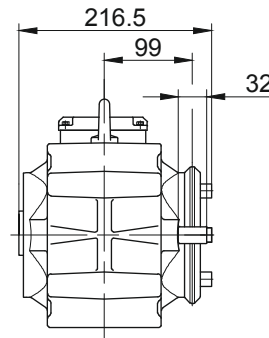
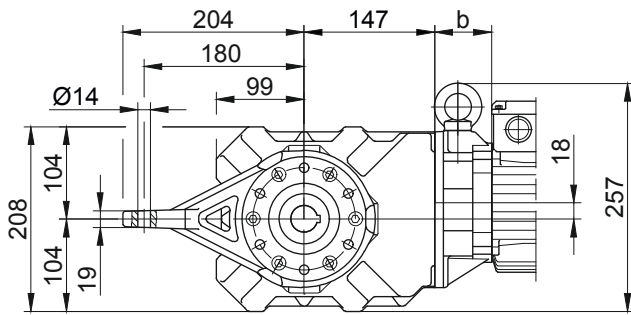


The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK20-BK20Z

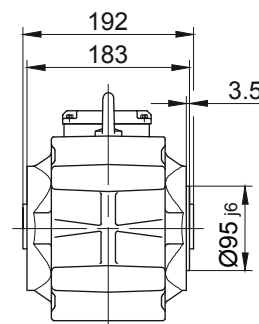
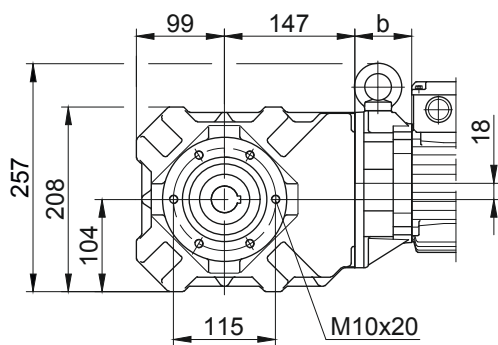
Torque arm at front

Code -5.V/



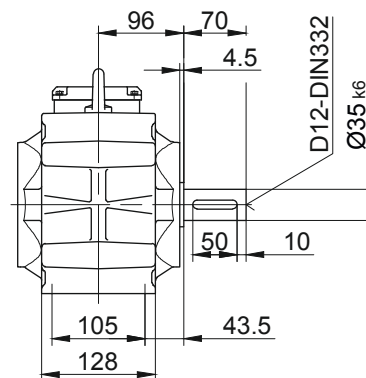
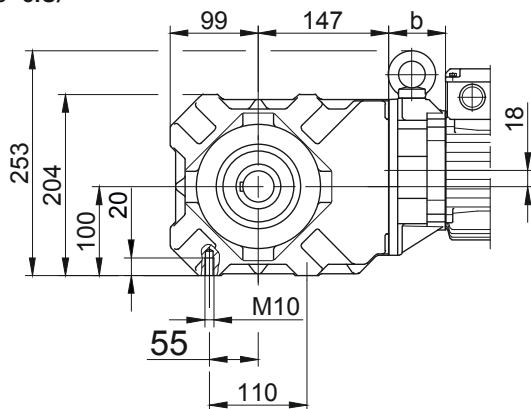
Flange with tapped holes at front

Code -7.V/



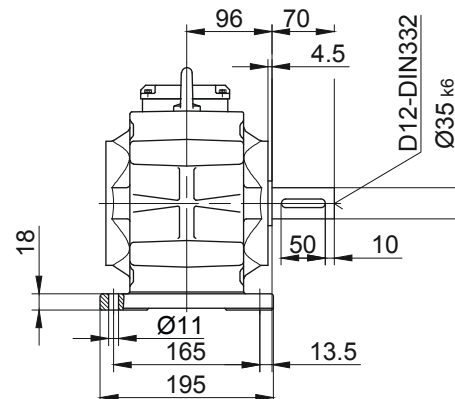
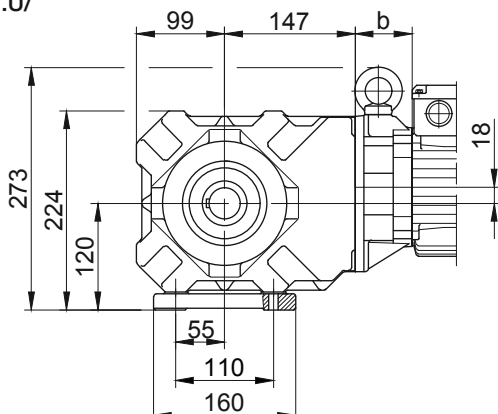
Foot with tapped holes at bottom

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

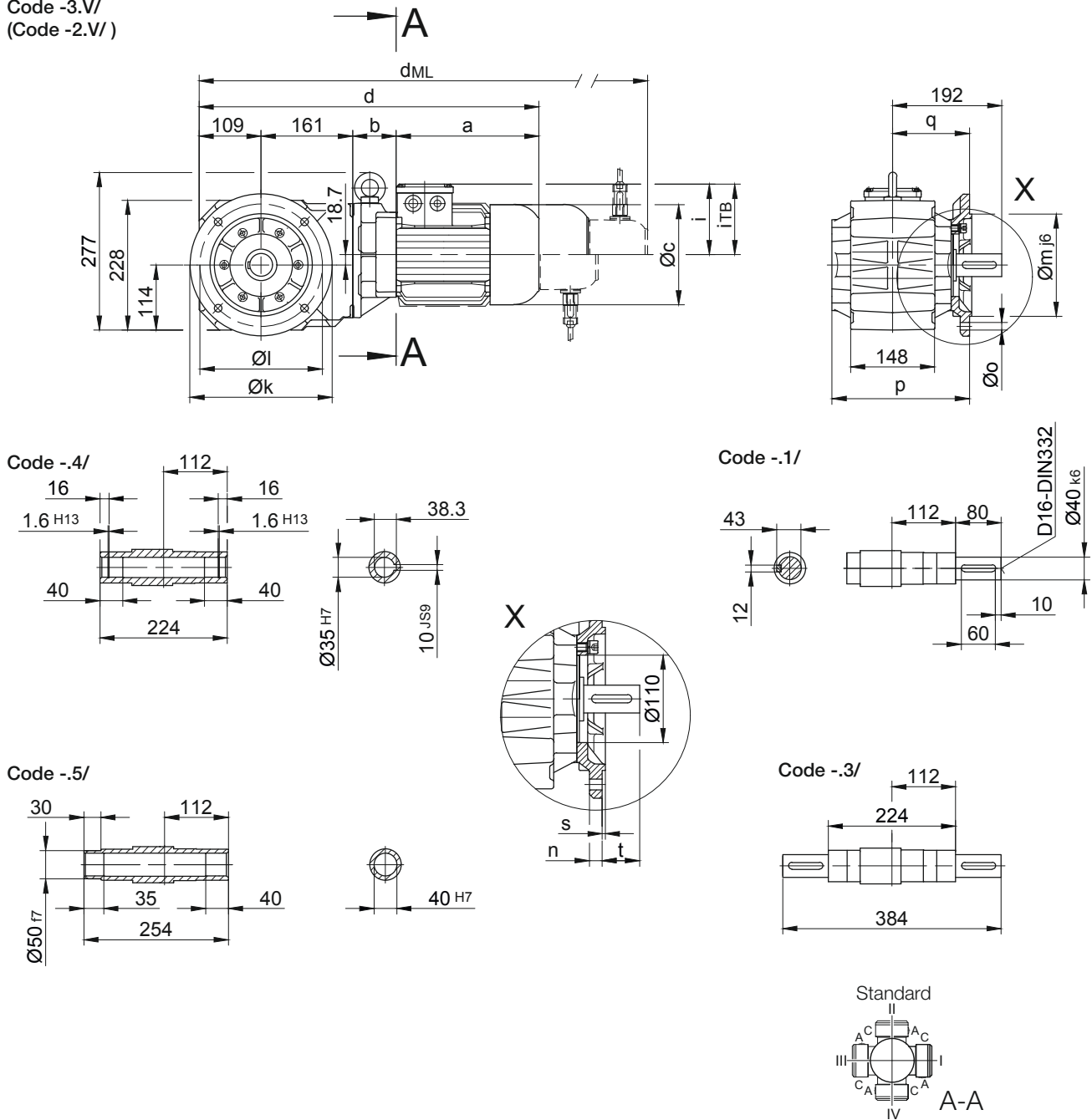
Dimension - Standard

BK30-BK30Z

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
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	i_{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK30-../S..06 (M, L)	170.5	58	123	498.5	99	119	540.5	601	638.5	-
BK30Z-../S..06 (M, L)	170.5	133.5	123	574	99	119	616	676.5	714	-
BK30-../S..08 (M, L)	199.5	62	156	531.5	114.5	136.5	597.5	643.5	705	-
BK30Z-../S..08 (M, L)	199.5	137.5	156	607	114.5	136.5	673	719	780.5	-
BK30-../S..09 (S, X)	250.5	76.5	176	597	124	157	690	704.5	794	-
BK30Z-../S..09 (S, X)	250.5	152	176	672.5	124	157	765.5	780	869.5	-
BK30-../S..11 (S, M, L)	319	83	218	672	165	176	770	779.5	872	-

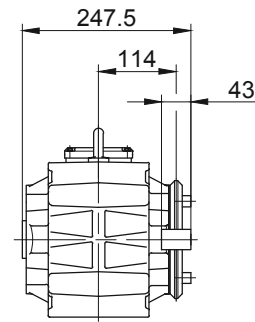
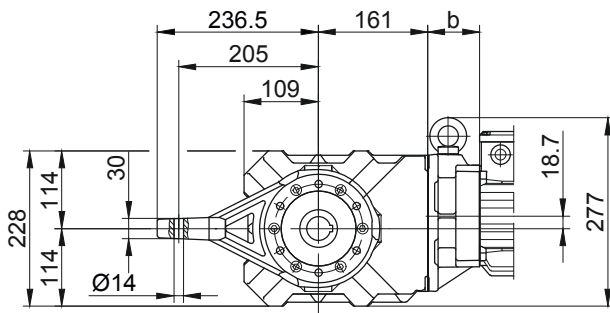
Dimensions in millimetres (mm)

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

BK30-BK30Z

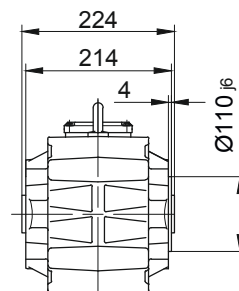
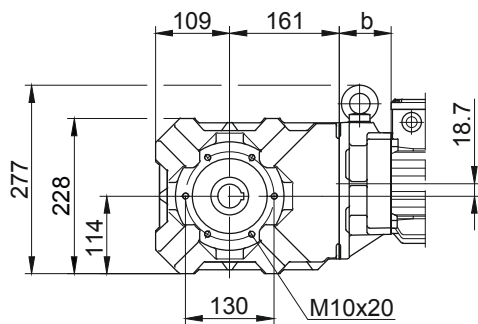
Torque arm at front

Code -5.V/



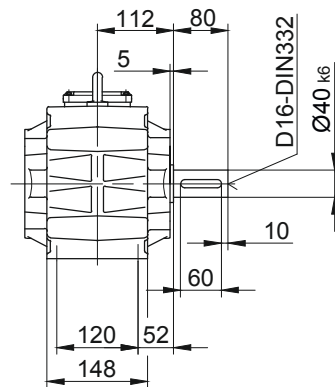
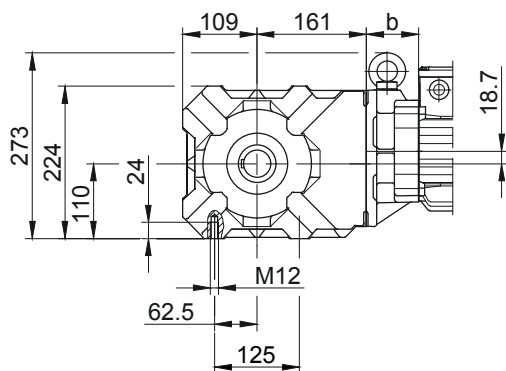
Flange with tapped holes at front

Code -7.V/



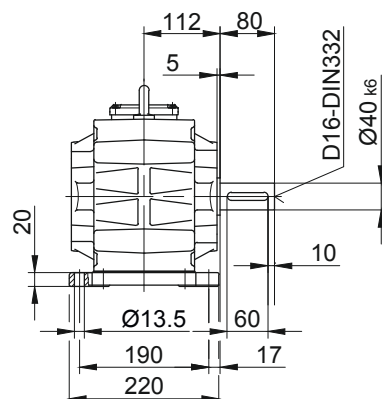
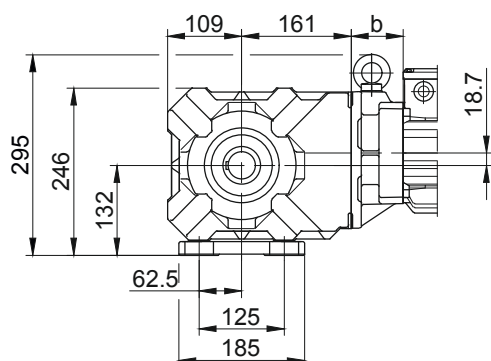
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



BK-series bevel-geared motors

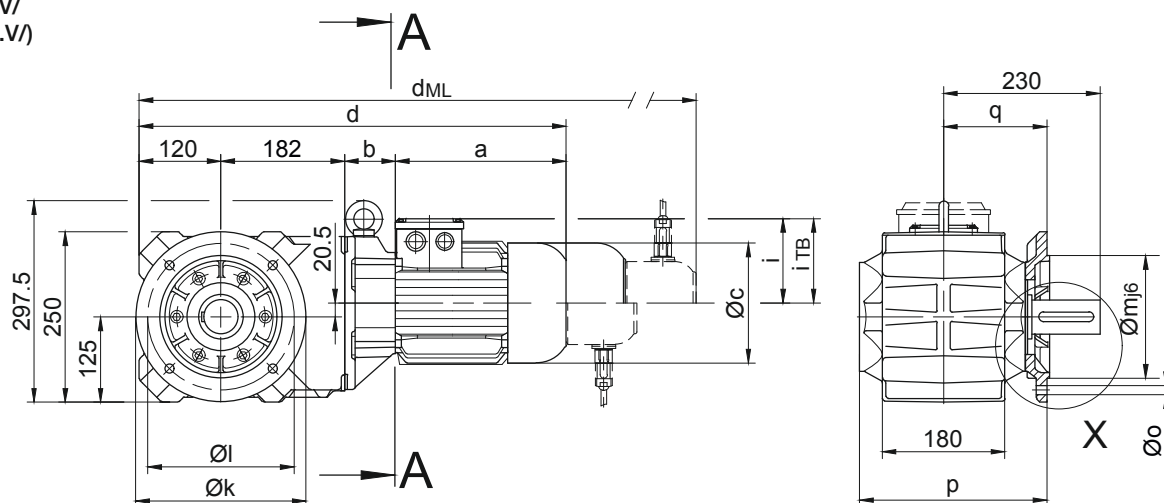
Dimension - Standard

BK40-BK40Z

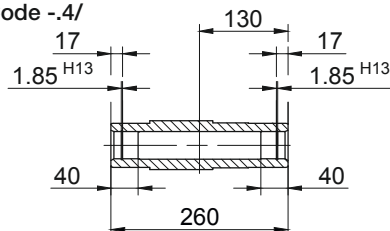
Flange with clearance holes at front

Code -3.V/

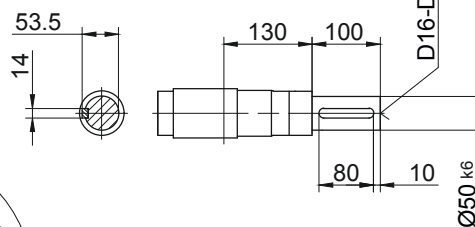
(Code -4.V/)



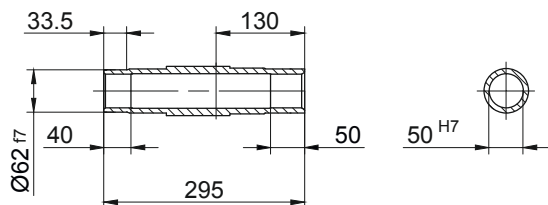
Code -4/



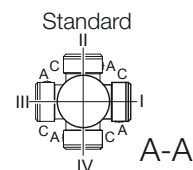
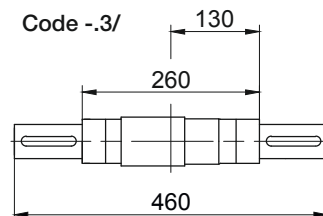
Code -1/



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	i _{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK40Z-../S..06 (M, L)	170.5	138.5	123	611	99	119	d _{ML} 653	d _{ML} 713.5	d _{ML} 751	-
BK40-../S..08 (M, L)	199.5	60	156	561.5	114.5	136.5	627.5	673.5	735	-
BK40Z-../S..08 (M, L)	199.5	142.5	156	644	114.5	136.5	710	756	817.5	-
BK40-../S..09 (S, X)	250.5	74.5	176	627	124	157	720	734.5	824	-
BK40Z-../S..09 (S, X)	250.5	157	176	709.5	124	157	802.5	817	906.5	-
BK40-../S..11 (S, M, L)	319	81	218	702	165	176	800	809.5	902	-

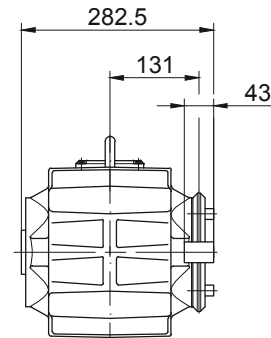
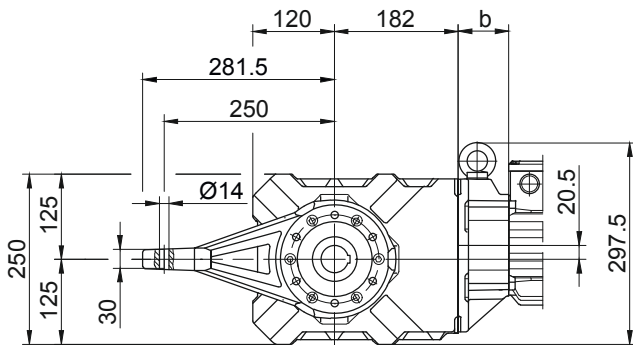
Dimensions in millimetres (mm)

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

BK40-BK40Z

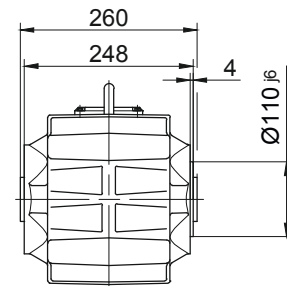
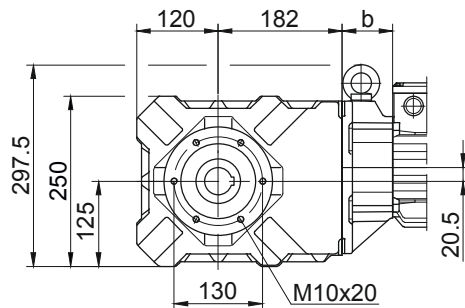
Torque arm at front

Code -5.V/



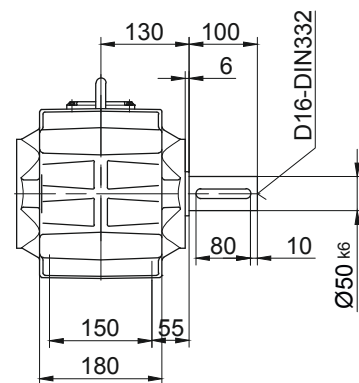
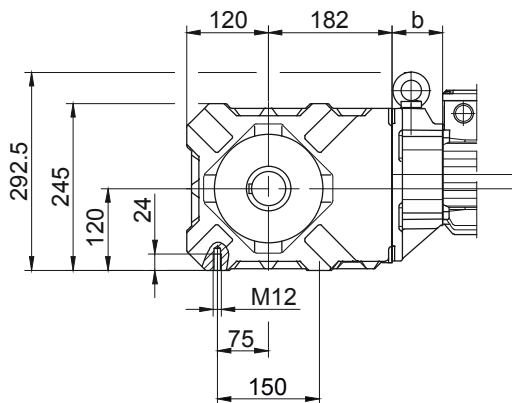
Flange with tapped holes at front

Code -7.V/



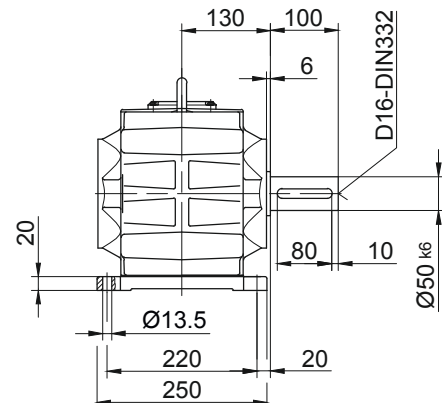
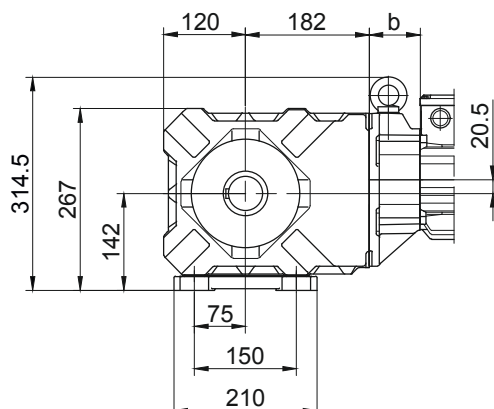
Foot with tapped holes at bottom

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

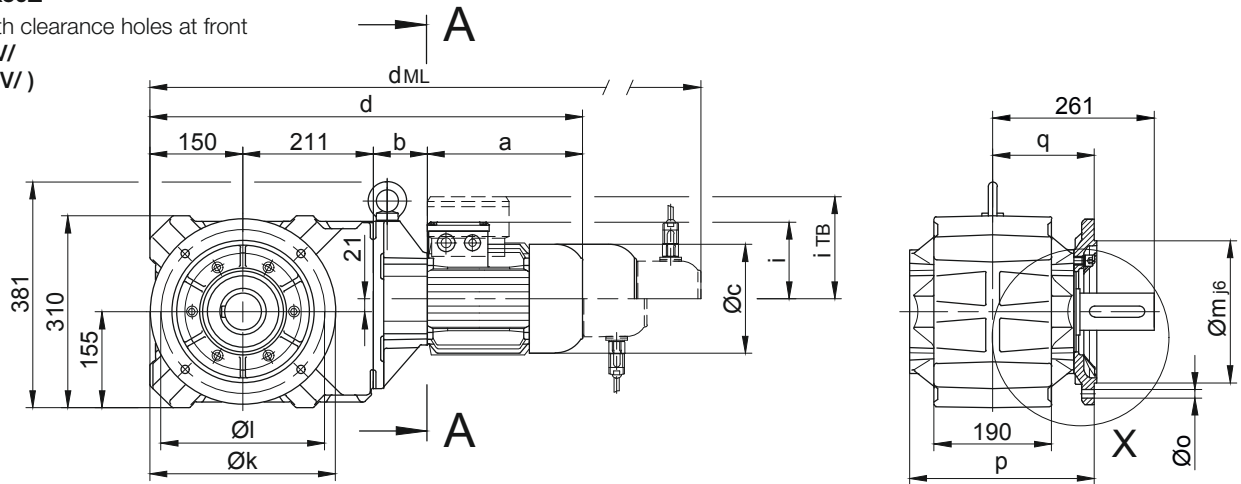
Dimension - Standard

BK50-BK50Z

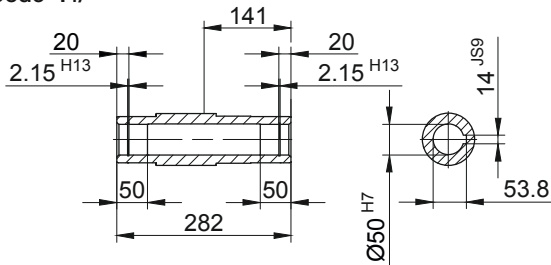
Flange with clearance holes at front

Code -3.V/

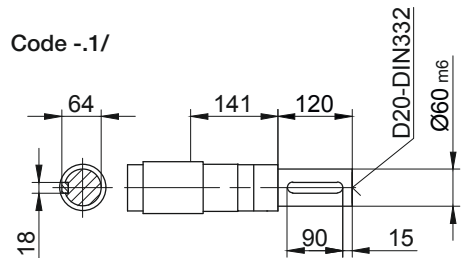
(Code -2.V/)



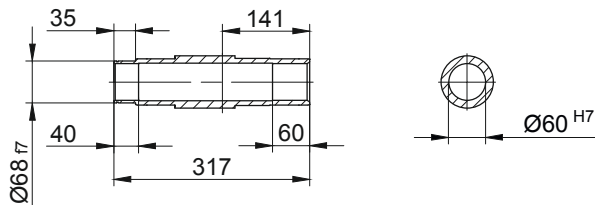
Code -4/



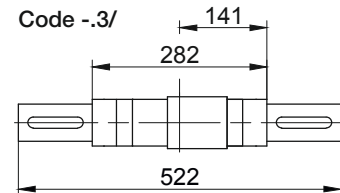
Code -1/



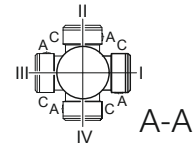
Code -5/



Code -3/



Standard



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	iTB	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK50Z-../S..06 (M, L)	170.5	155	123	686.5	99	119	d _{ML} 728.5	d _{ML} 789	d _{ML} 826.5	-
BK50-../S..08 (M, L)	199.5	73	156	633.5	114.5	136.5	699.5	745.5	807	-
BK50Z-../S..08 (M, L)	199.5	159	156	719.5	114.5	136.5	785.5	831.5	893	-
BK50-../S..09 (S, X)	250.5	87.5	176	699	124	157	792	806.5	896	-
BK50Z-../S..09 (S, X)	250.5	173.5	176	785	124	157	878	892.5	982	-
BK50-../S..11 (S, M, L)	319	94	218	774	165	176	872	881.5	974	-

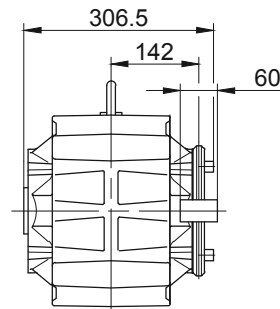
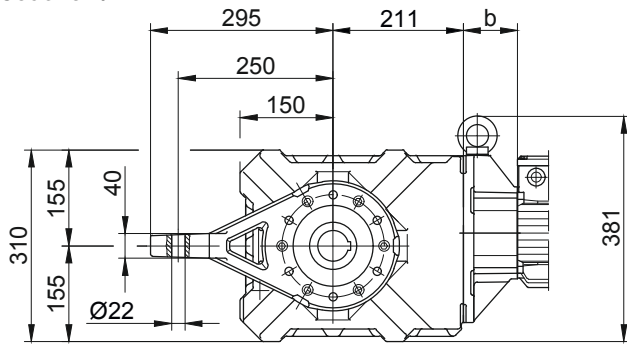
Dimensions in millimetres (mm)

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

BK50-BK50Z

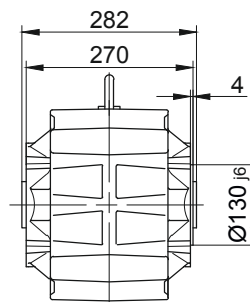
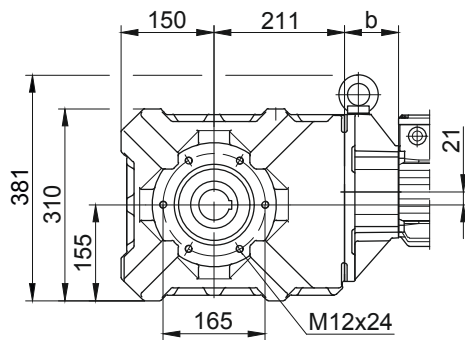
Torque arm at front

Code -5.V/



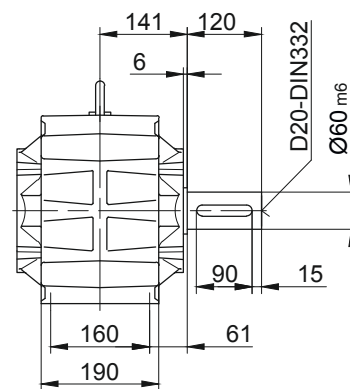
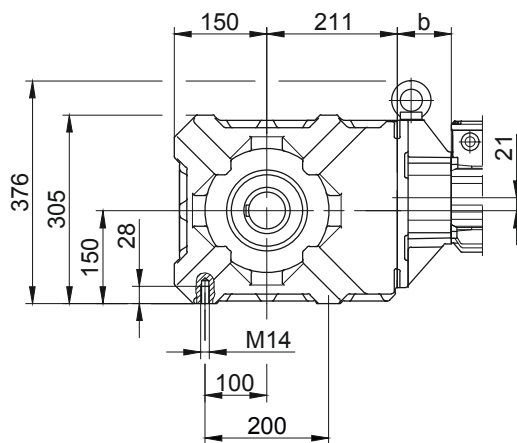
Flange with tapped holes at front

Code -7.V/



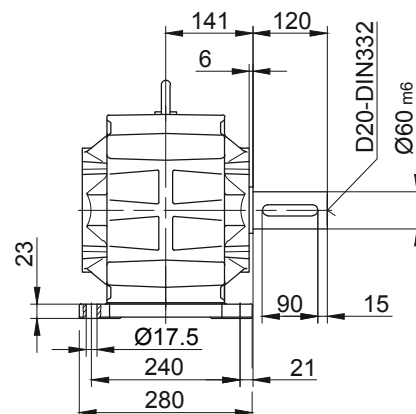
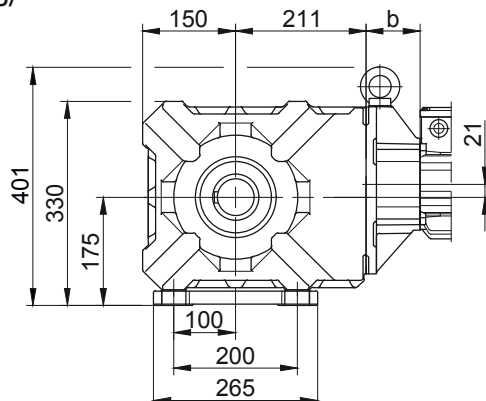
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



BK-series bevel-geared motors

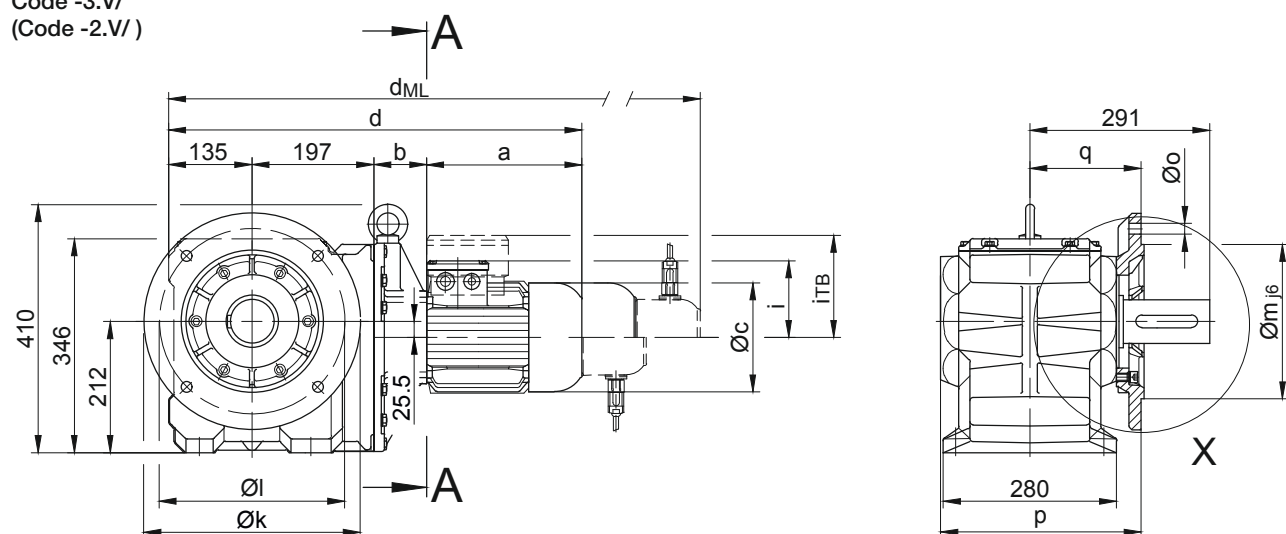
Dimension - Standard

BK60-BK60Z

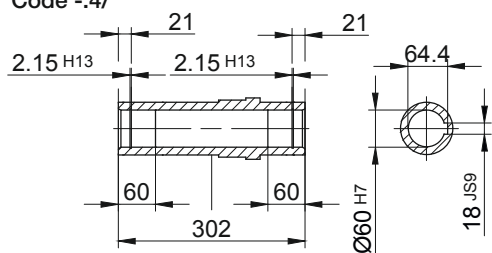
Flange with clearance holes at front

Code -3.V/

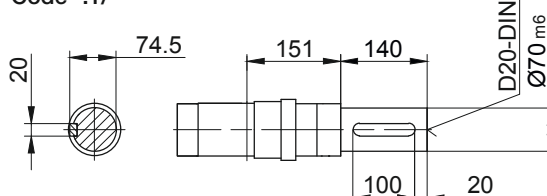
(Code -2.V/)



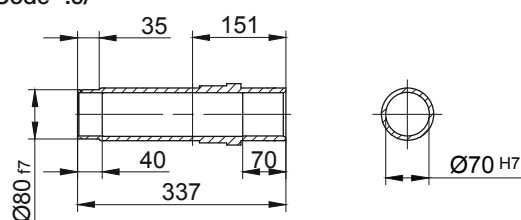
Code -4/



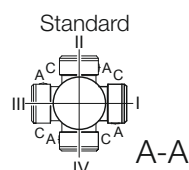
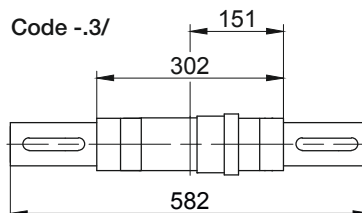
Code -1/



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-../S..08 (M, L)	199.5	181	156	712.5	114.5	136.5	778.5	824.5	886	-
BK60-../S..09 (S, X)	250.5	85.5	176	668	124	157	761	775.5	865	-
BK60Z-../S..09 (S, X)	250.5	195.5	176	778	124	157	871	885.5	975	-
BK60-../S..11 (S, M, L)	319	92	218	743	165	176	841	850.5	943	-
BK60Z-../S..11 (S, M, L)	319	202	218	853	165	176	951	960.5	1053	-

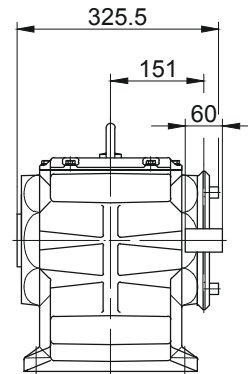
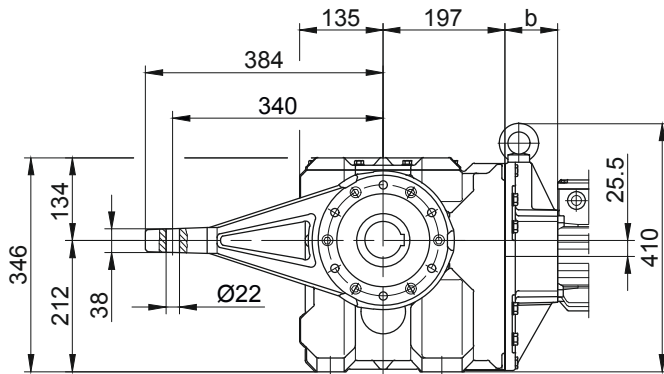
Dimensions in millimetres (mm)

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

BK60-BK60Z

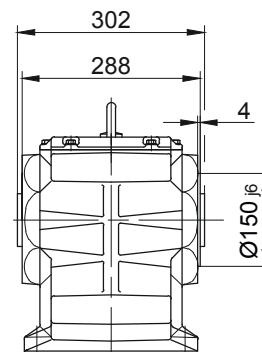
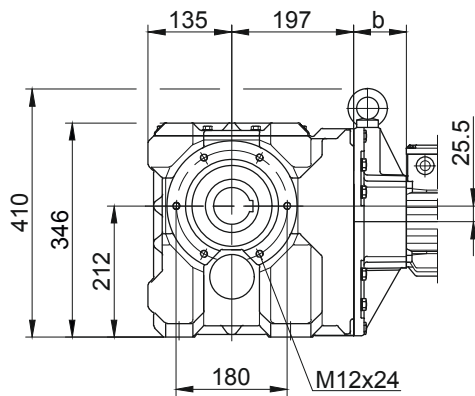
Torque arm at front

Code -5.V/



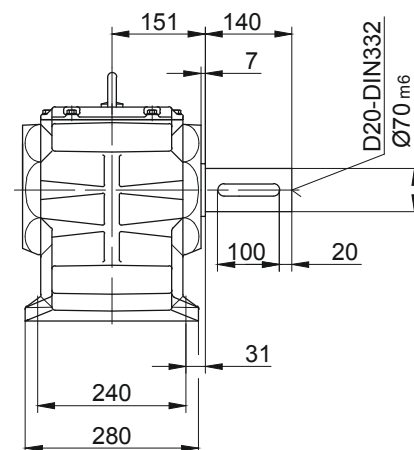
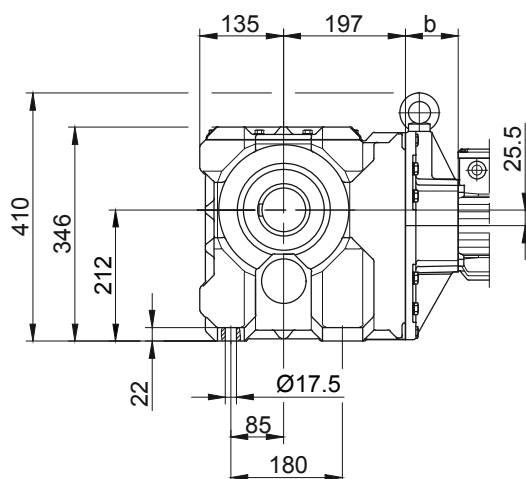
Flange with tapped holes at front

Code -7.V/



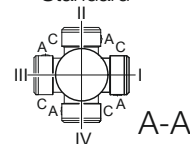
Foot with clearance holes at bottom

Code -1.U/



Dimension - Standard

Code -3.V/
(Code -2.V/)
(Code -4.V/)



A-A

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-../S..08 (M, L)	199.5	202	156	801.5	114.5	136.5	867.5	913.5	975	-
BK70-../S..09 (S, X)	250.5	83.5	176	734	124	157	827	841.5	931	-
BK70Z-../S..09 (S, X)	250.5	216.5	176	867	124	157	960	974.5	1064	-
BK70-../S..11 (S, M, L)	319	90	218	809	165	176	907	916.5	1009	-
BK70Z-../S..11 (S, M, L)	319	223	218	942	165	176	1040	1049.5	1142	-

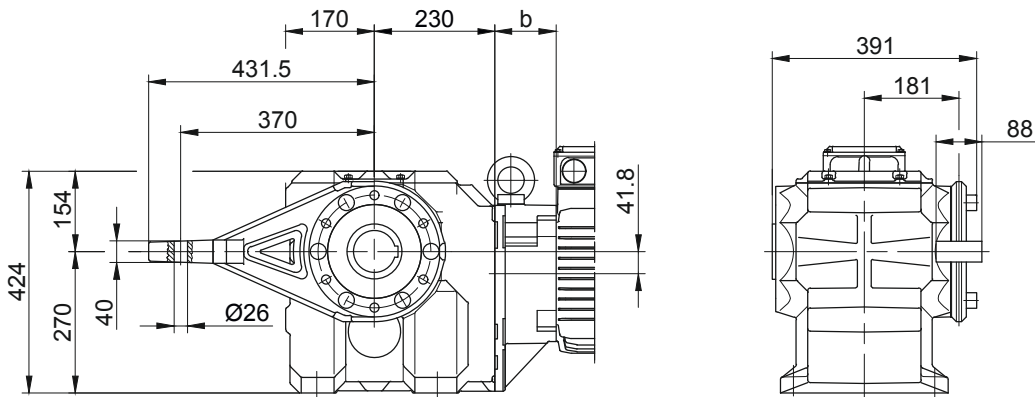
Dimensions in millimetres (mm)

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BK70-BK70Z

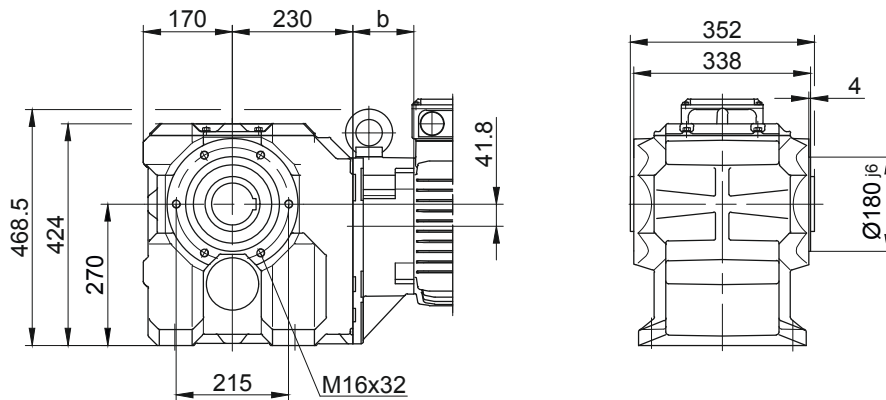
Torque arm at front

Code -5.V/



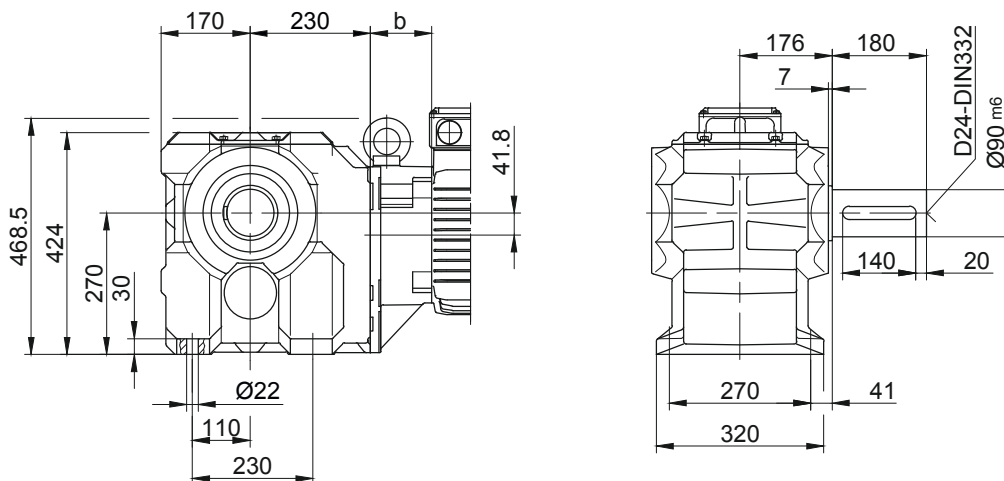
Flange with tapped holes at front

Code -7.V/

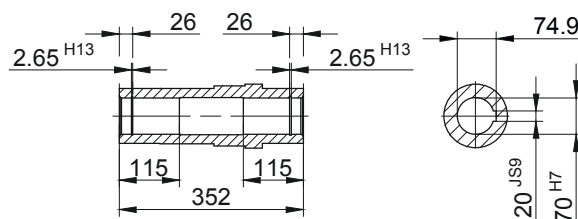


Foot with clearance holes at bottom

Code -1.U/



Code -4/K70



BK-series bevel-geared motors

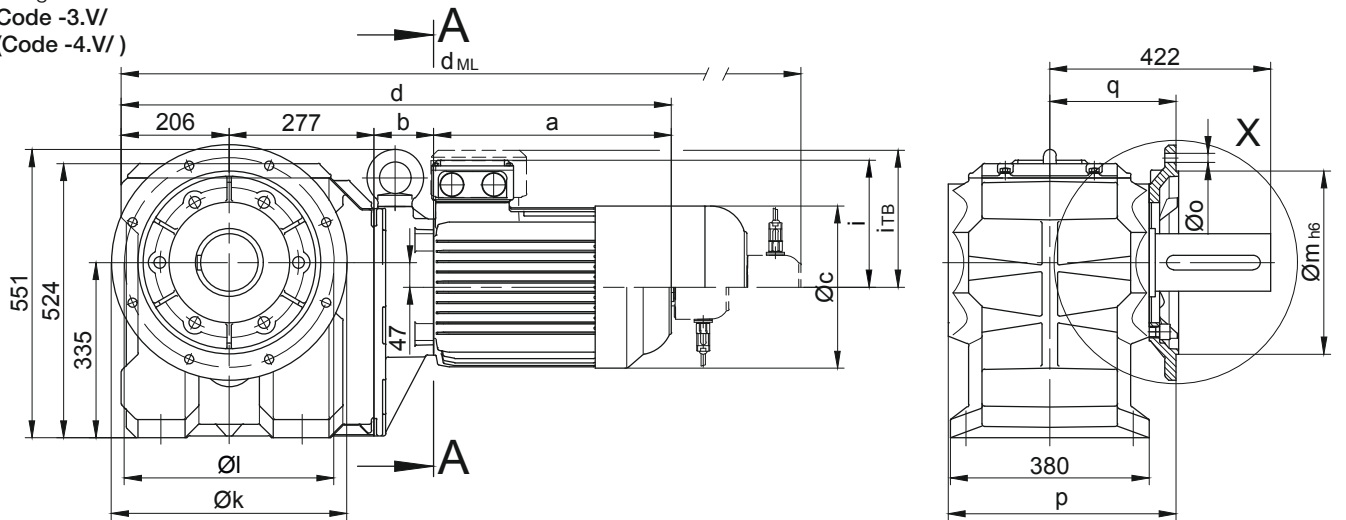
Dimension - Standard

BK80-BK80Z

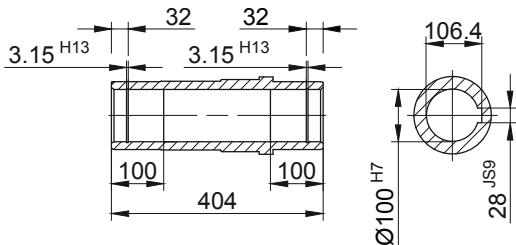
Flange with clearance holes at front

Code -3.V/

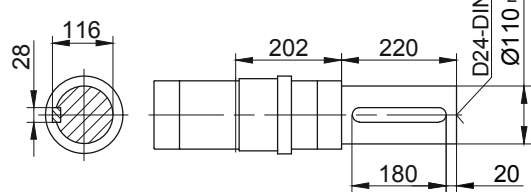
(Code -4.V/)



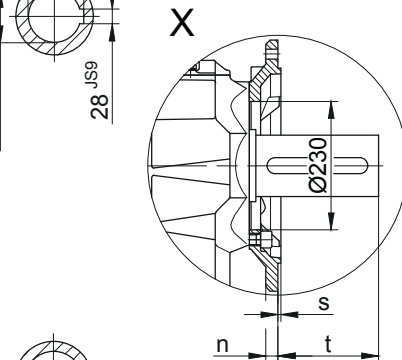
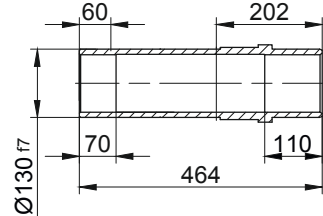
Code -4/



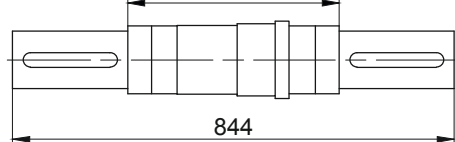
Code -1/



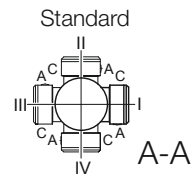
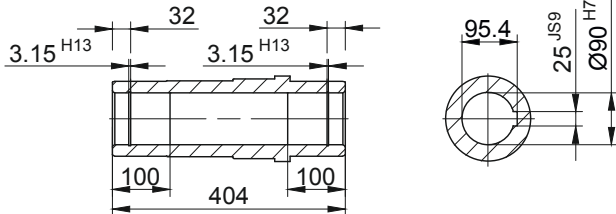
Code -5/



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	i _{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK80Z-../S..09 (S, X)	250.5	252.5	176	986	124	157	d _{ML} 1079	d _{ML} 1093.5	d _{ML} 1183	-
BK80-../S..11 (S, M, L)	319	87	218	889	165	176	d _{ML} 987	d _{ML} 996.5	d _{ML} 1089	-
BK80Z-../S..11 (S, M, L)	319	259	218	1061	165	176	d _{ML} 987	d _{ML} 1168.5	d _{ML} 1261	-

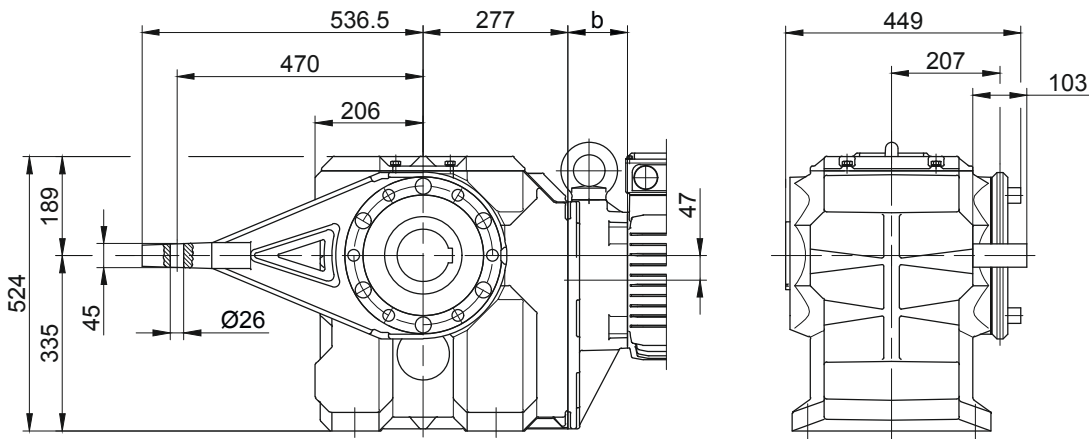
Dimensions in millimetres (mm)

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

BK80-BK80Z

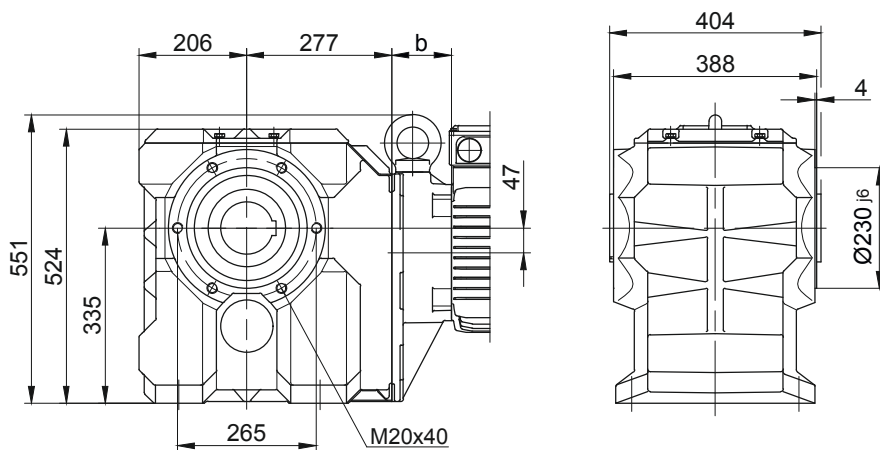
Torque arm at front

Code -5.V/



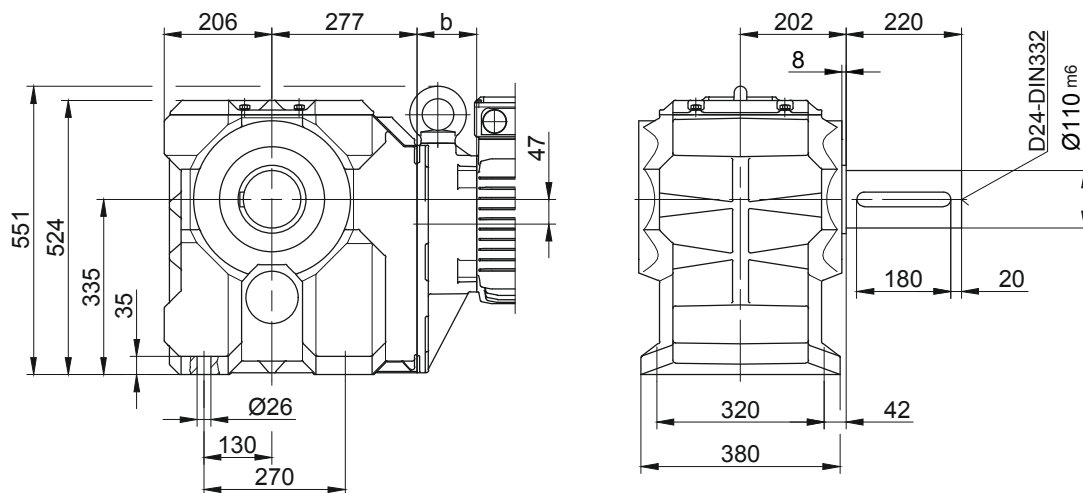
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



Dimension - Standard

Dimensions in millimetres (mm)

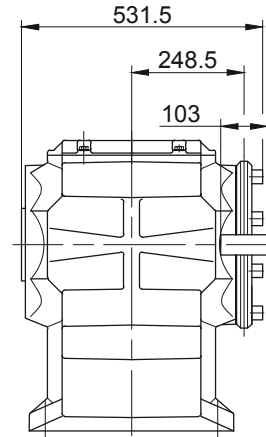
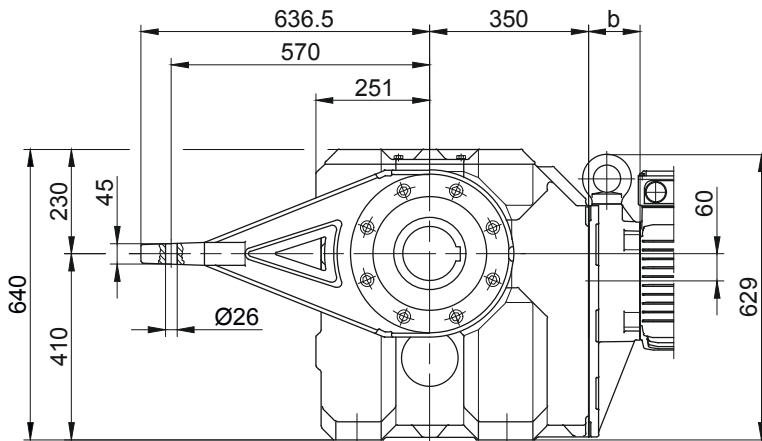
Dimensions in millimetres (mm)

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BK90-BK90Z

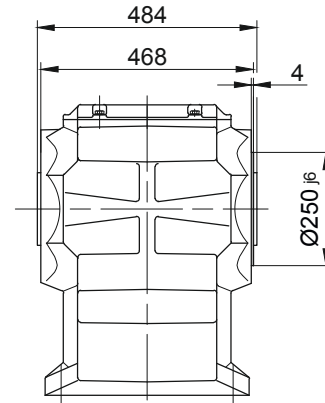
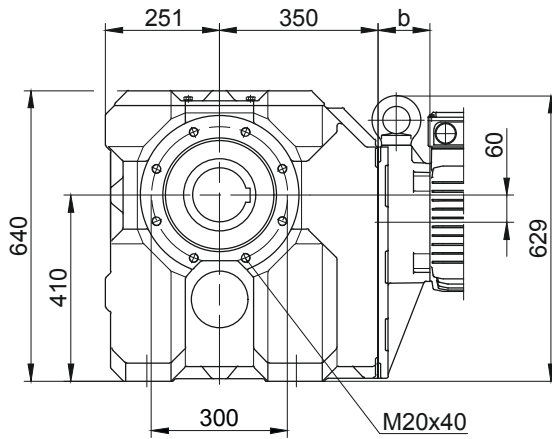
Torque arm at front

Code -5.V/



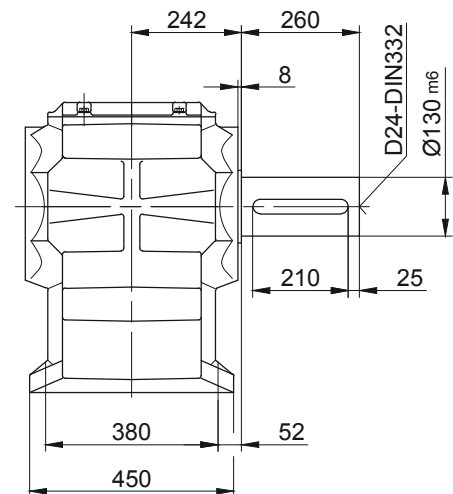
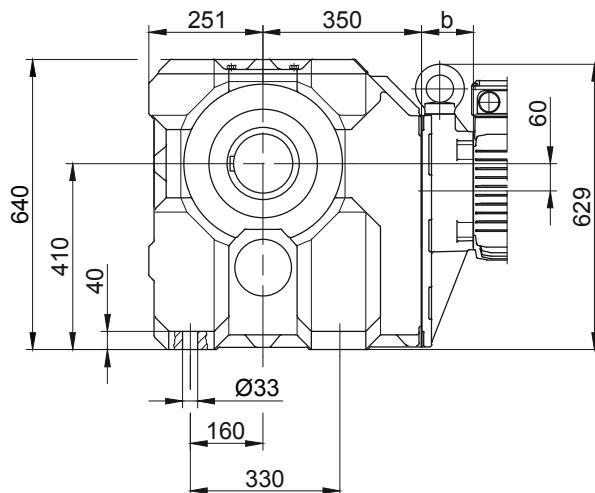
Flange with tapped holes at front

Code -7.V/



Foot with tapped holes at bottom

Code -1.U/



BK-series bevel-geared motors

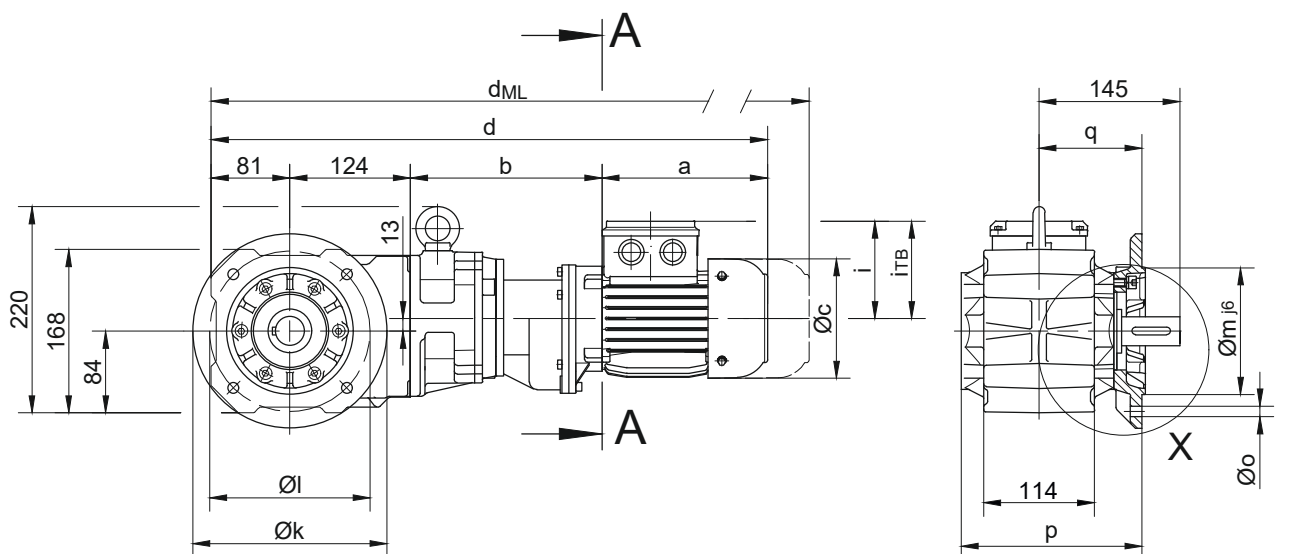
Dimension - Tandem Gearbox

BK10G06

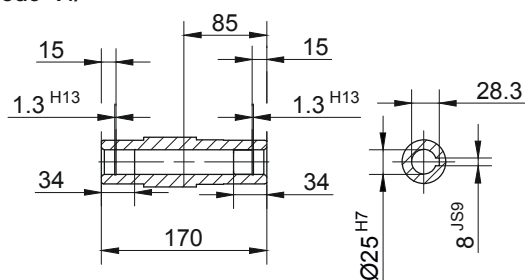
Flange with clearance holes at front

Code -3.V/

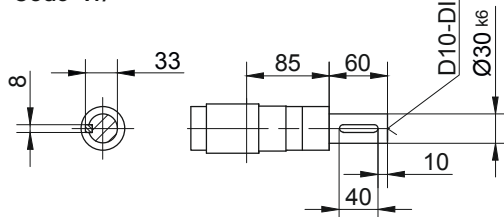
(Code -2.V/)



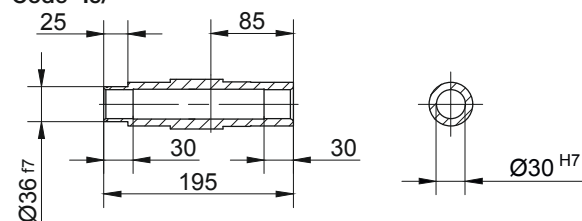
Code -4/



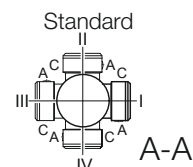
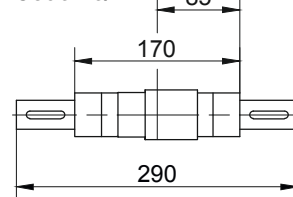
Code -1/



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 millimetres (mm)

Type	a	b	c	d	i	i _{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BK10G06-../S04S	142.5	193	110.5	540.5	90	112	584	628	671.5	-
BK10G06-../S..06 (M, L)	170.5	195	123	570.5	99	119	612.5	673	710.5	-
BK10G06-../S..08 (M, L)	199.5	239	156	643.5	114.5	136.5	709.5	755.5	817	-

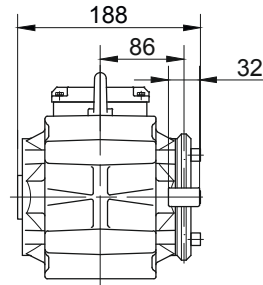
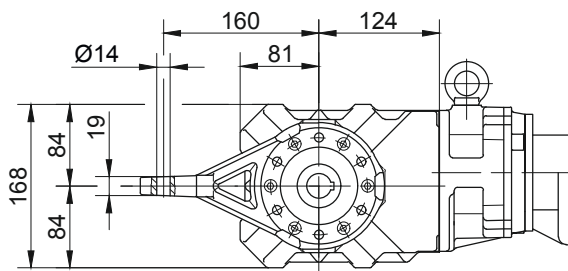
Dimensions in millimetres (mm)

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

BK10G06

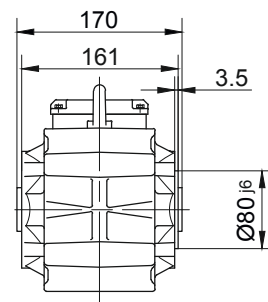
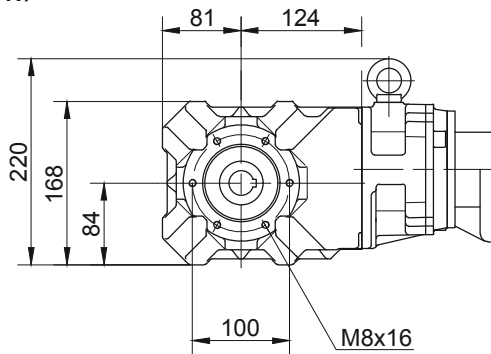
Torque arm at front

Code -5.V/



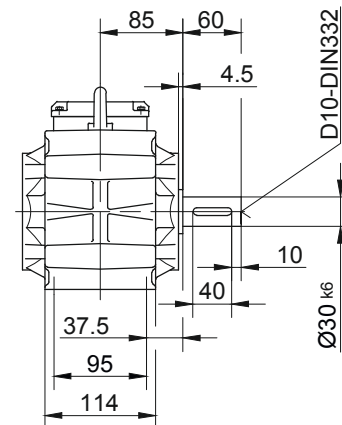
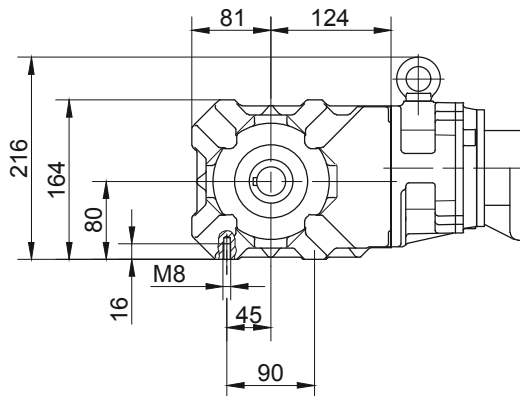
Flange with tapped holes at front

Code -7.V/



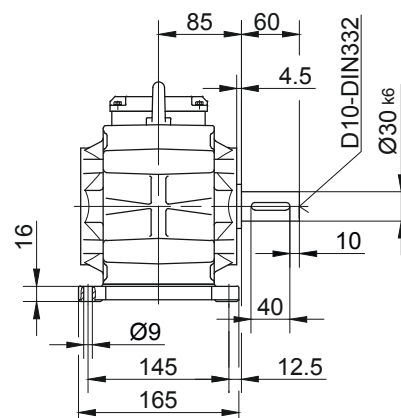
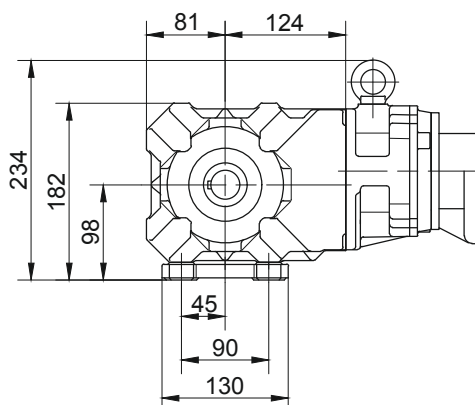
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



BK-series bevel-geared motors

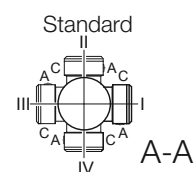
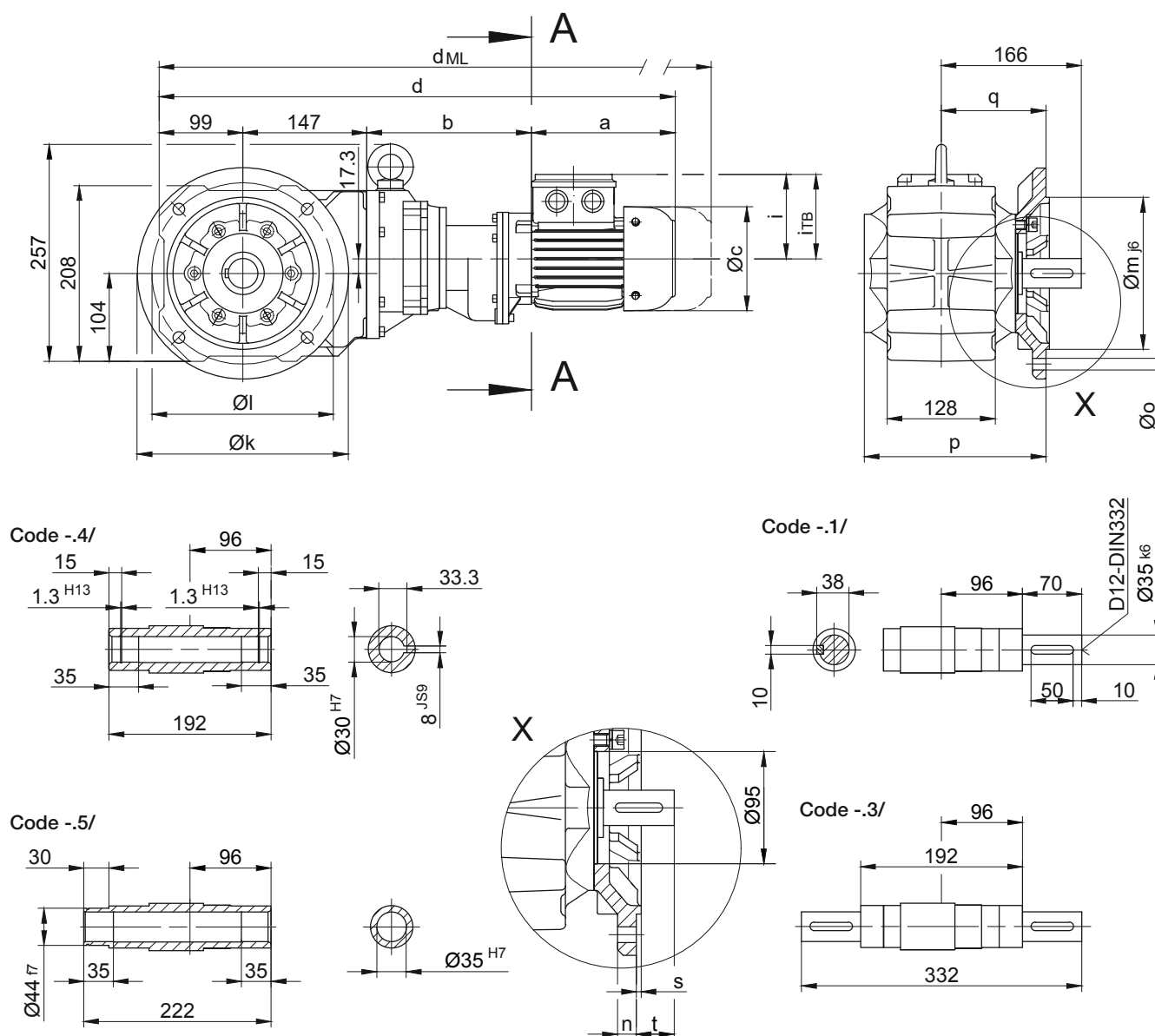
Dimension - Tandem Gearbox

BK20G06

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
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	i_{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
							d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK20G06-../S04S	142.5	193	110.5	581.5	90	112	625	669	712.5	-
BK20G06-../S..06 (M, L)	170.5	195	123	611.5	99	119	653.5	714	751.5	-
BK20G06-../S..08 (M, L)	199.5	239	156	684.5	114.5	136.5	750.5	796.5	858	-

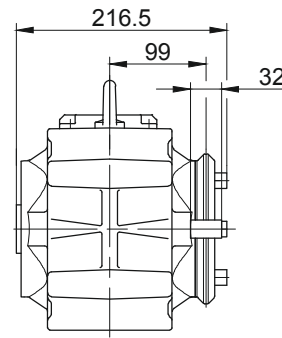
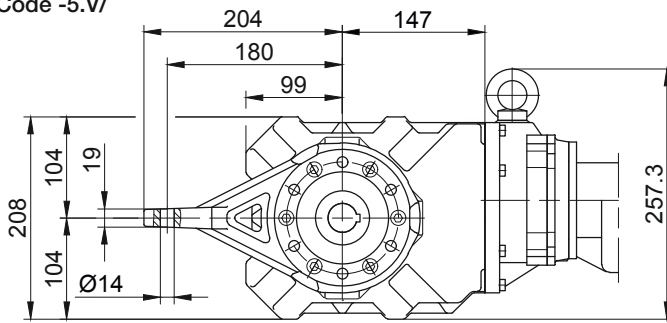
Dimensions in millimetres (mm)

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

BK20G06

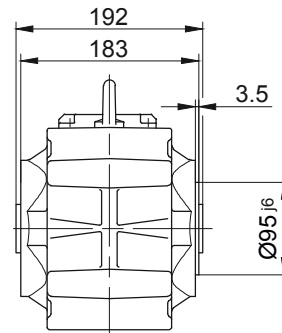
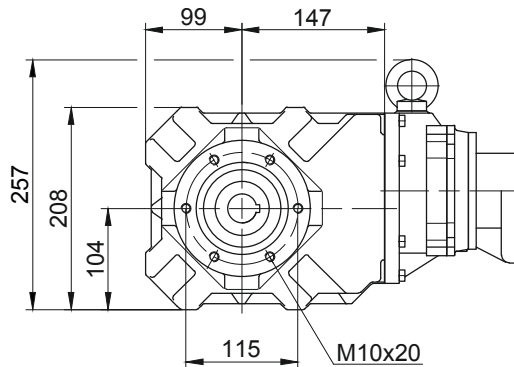
Torque arm at front

Code -5.V/



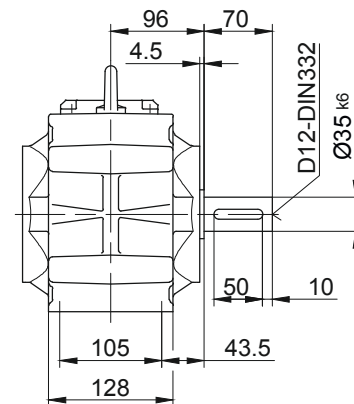
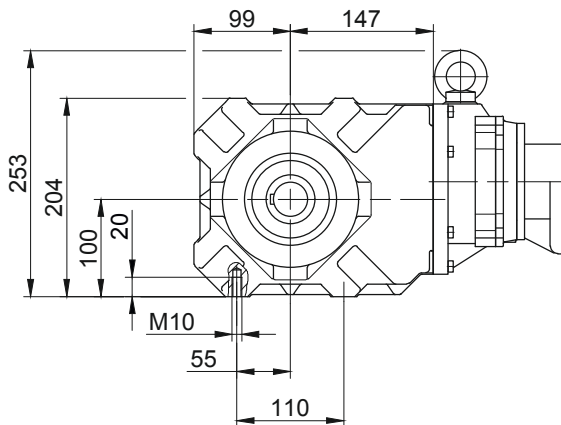
Flange with tapped holes at front

Code -7.V/



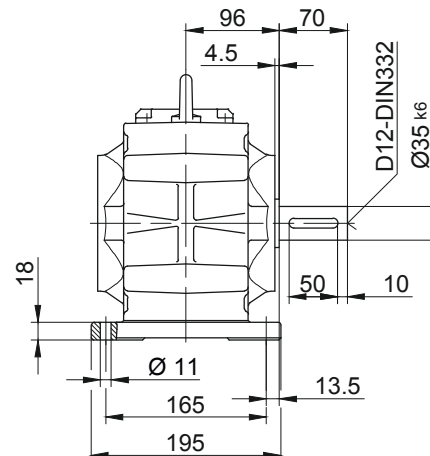
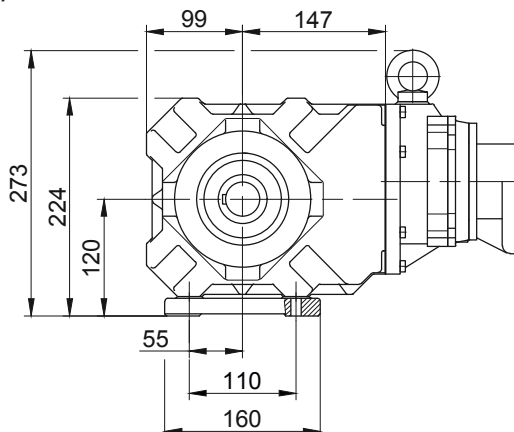
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



BK-series bevel-geared motors

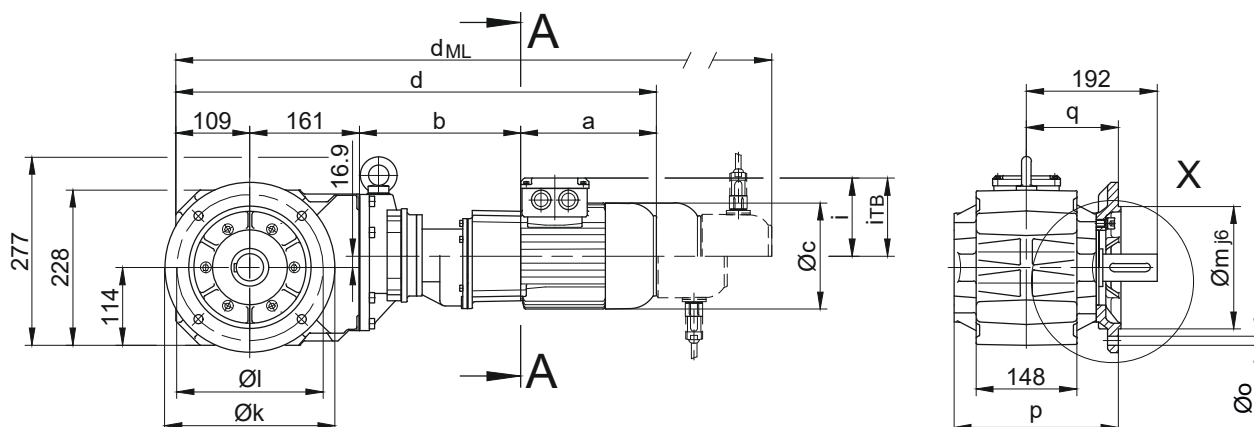
Dimension - Tandem Gearbox

BK30G06

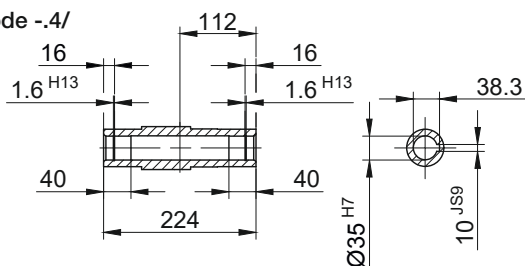
Flange with clearance holes at front

Code -3.V/

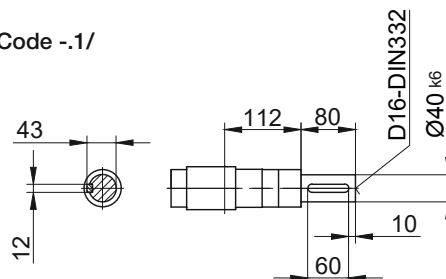
(Code -2.V/)



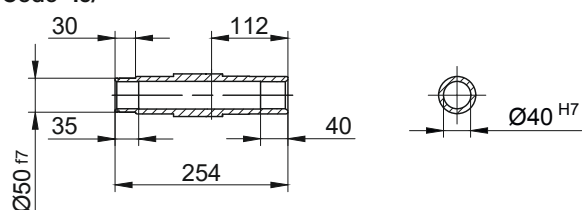
Code -4/



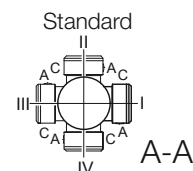
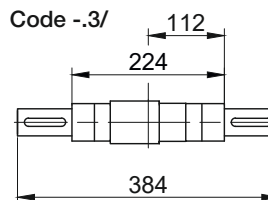
Code -1/



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 millimetres (mm)

Type	a	b	c	d	i	i _{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK30G06-../S04S	142.5	191	110.5	603.5	90	112	d _{ML} 647	d _{ML} 691	d _{ML} 734.5	-
BK30G06-../S..06 (M, L)	170.5	193	123	633.5	99	119	d _{ML} 675.5	d _{ML} 736	d _{ML} 773.5	-
BK30G06-../S..08 (M, L)	199.5	237	156	706.5	114.5	136.5	d _{ML} 772.5	d _{ML} 818.5	d _{ML} 880	-

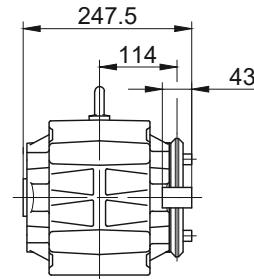
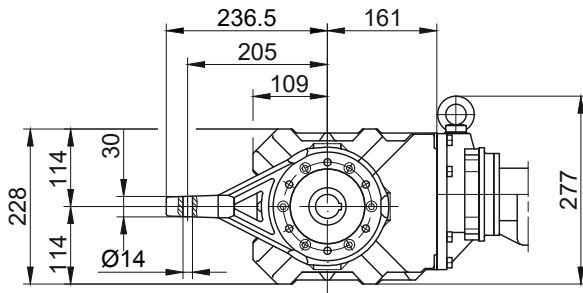
Dimensions in millimetres (mm)

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

BK30G06

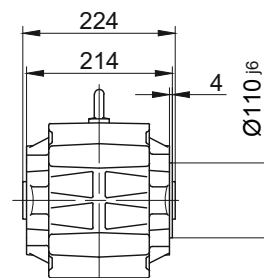
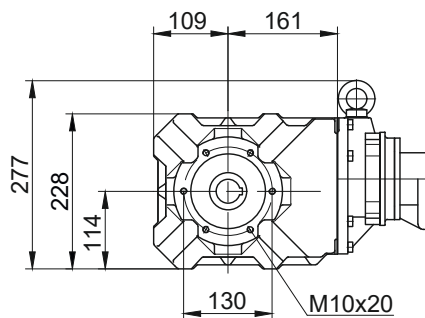
Torque arm at front

Code -5.V/



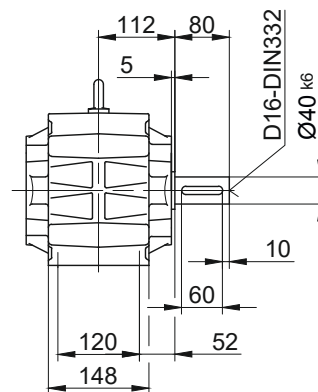
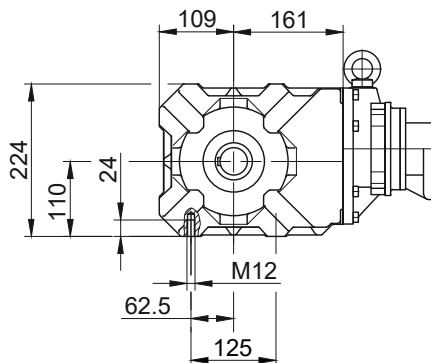
Flange with tapped holes at front

Code -7.V/



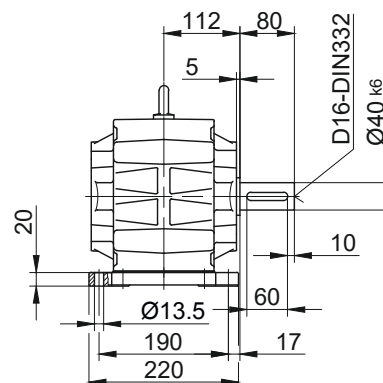
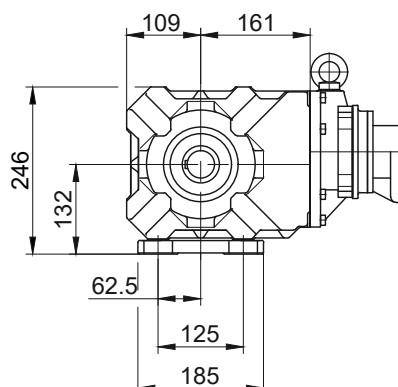
Foot with tapped holes at bottom

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.

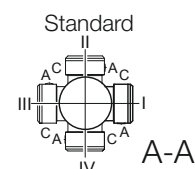
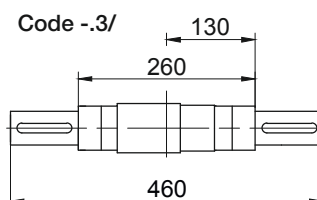
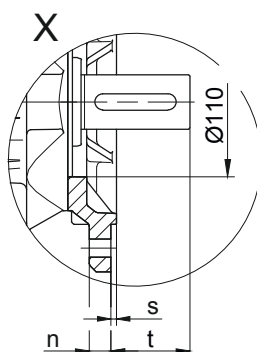
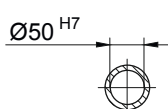
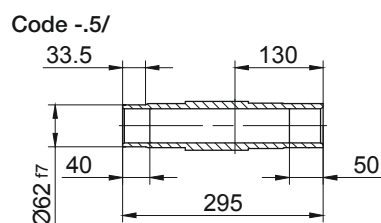
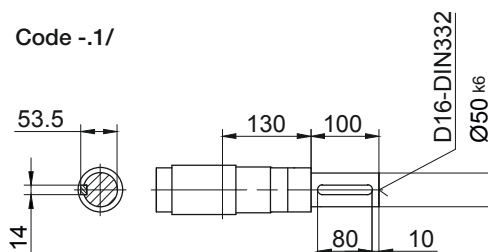
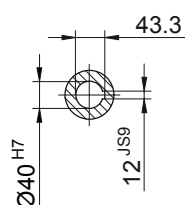
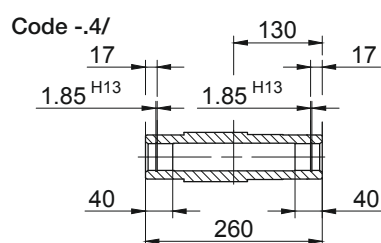
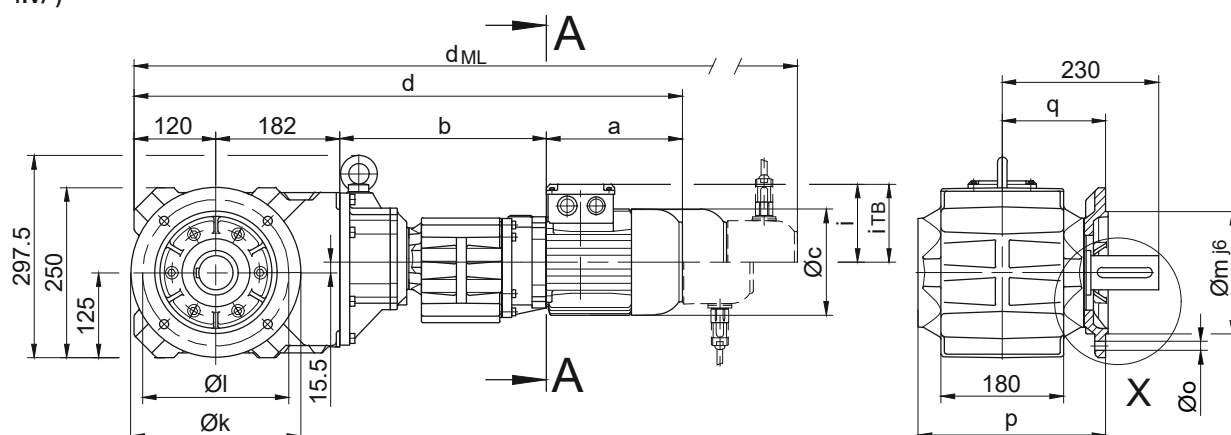
Dimension - Tandem Gearbox

BK40G10

Flange with clearance holes at front

Code -3.V/

(Code -4.V/)



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)

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}
BK40G10-../S..06 (M, L)	170.5	300	123	772.5	99	119	814.5	875	912.5	-
BK40G10-../S..08 (M, L)	199.5	304	156	805.5	114.5	136.5	871.5	917.5	979	-
BK40G10-../S..09 (S, X)	250.5	318.5	176	871	124	157	964	978.5	1068	-

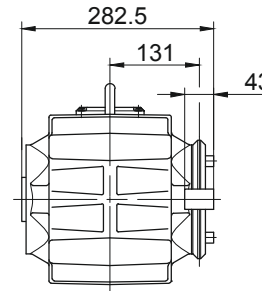
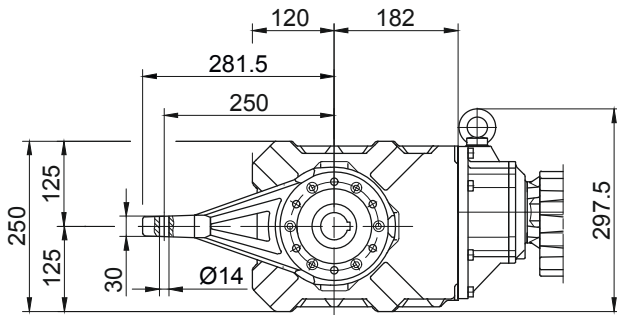
Dimensions in millimetres (mm)

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

BK40G10

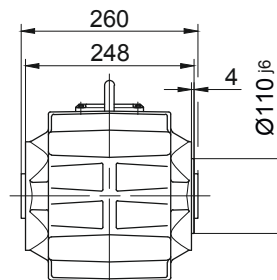
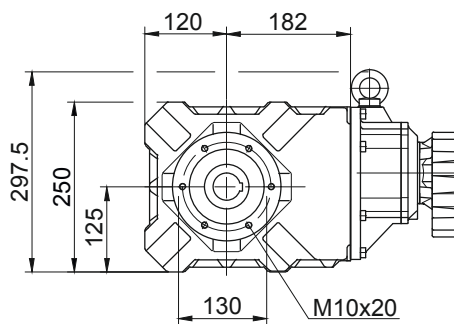
Torque arm at front

Code -5.V/



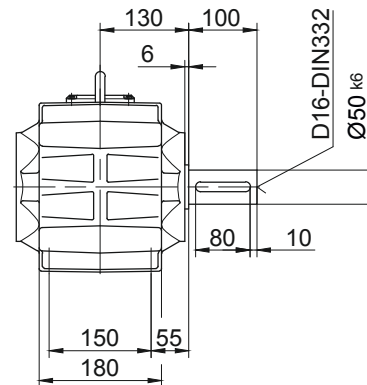
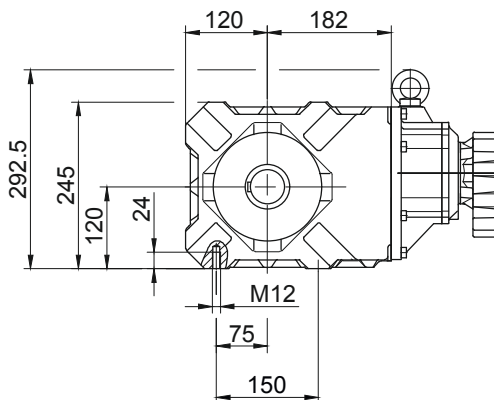
Flange with tapped holes at front

Code -7.V/



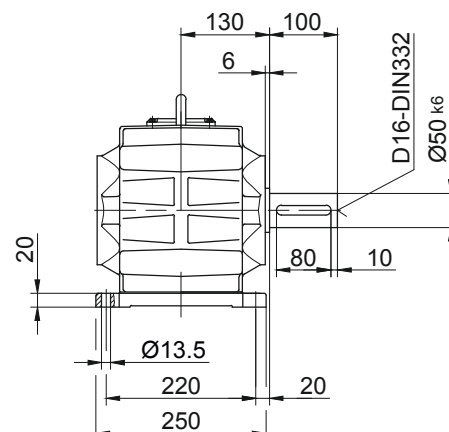
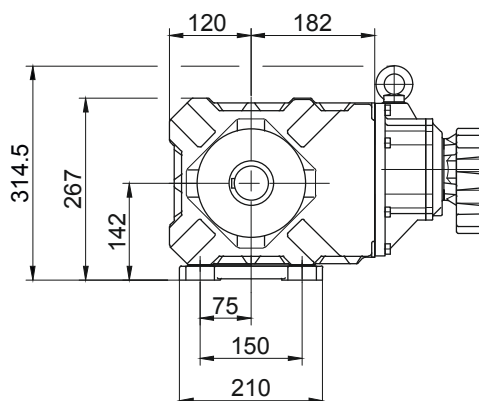
Foot with tapped holes at bottom

Code -6.U/



Foot with clearance holes at bottom

Code -1.U/



BK-series bevel-geared motors

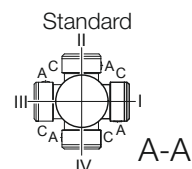
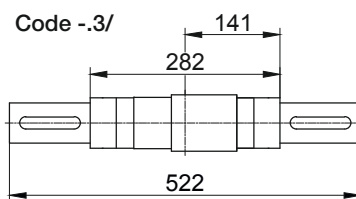
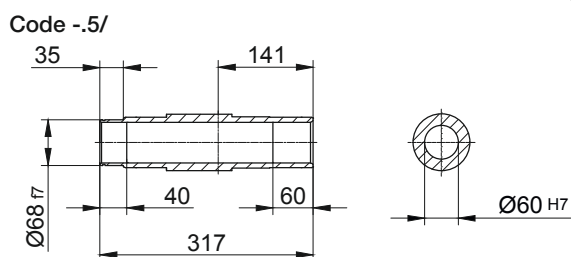
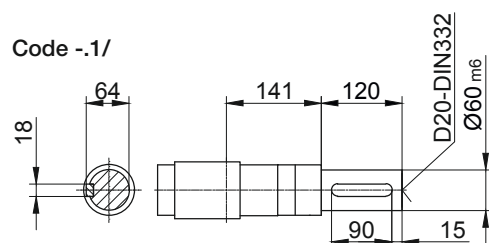
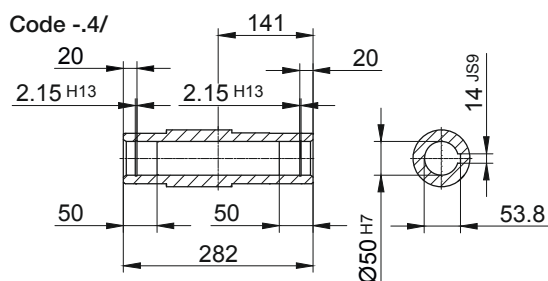
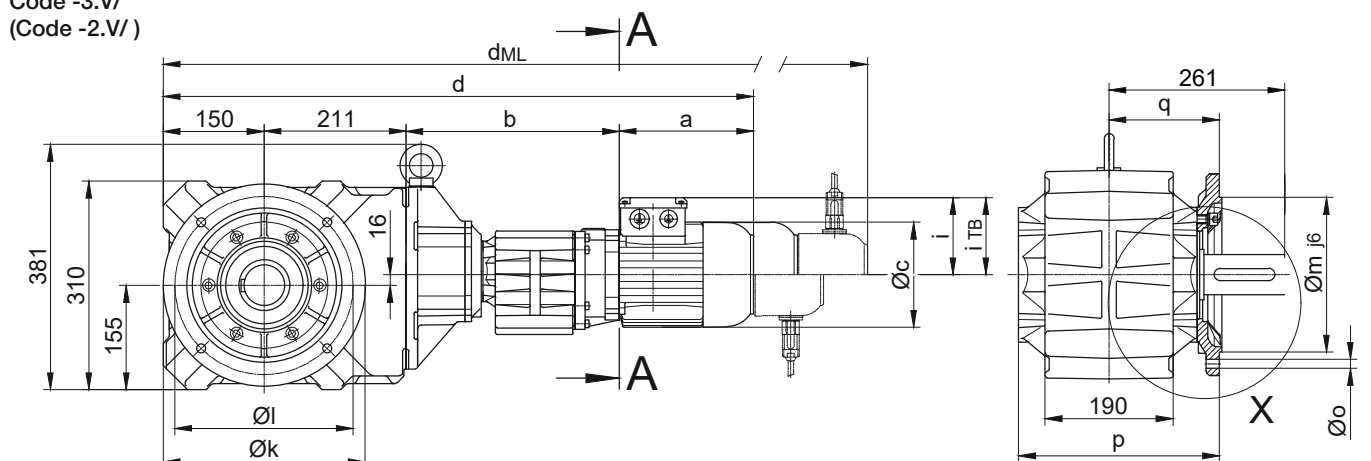
Dimension - Tandem Gearbox

BK50G10

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
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	i _{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
							d _{ML}	d _{ML}	d _{ML}	d _{ML}
BK50G10-../S..06 (M, L)	170.5	313	123	844.5	99	119	886.5	947	984.5	-
BK50G10-../S..08 (M, L)	199.5	317	156	877.5	114.5	136.5	943.5	989.5	1051	-
BK50G10-../S..09 (S, X)	250.5	331.5	176	943	124	157	1036	1050.5	1140	-

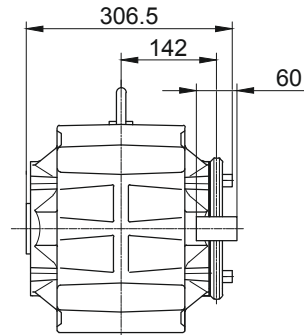
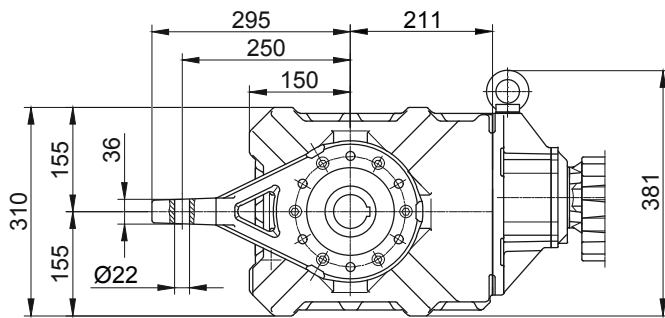
Dimensions in millimetres (mm)

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

BK50G10

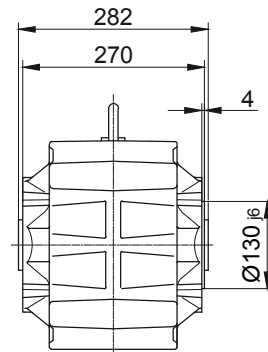
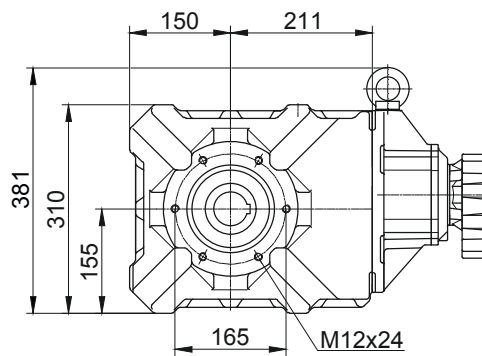
Torque arm at front

Code -5.V/



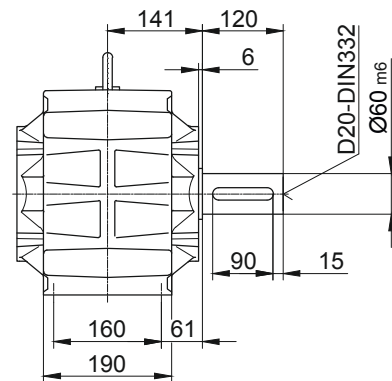
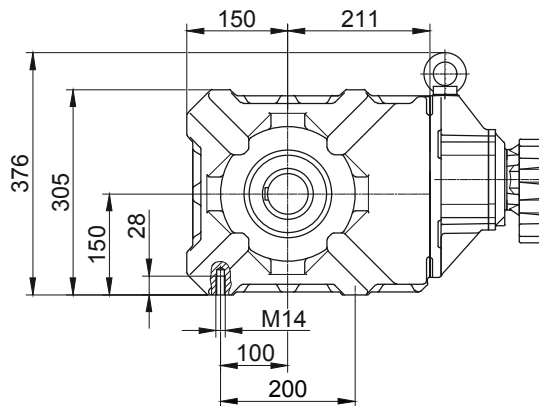
Flange with tapped holes at front

Code -7.V/



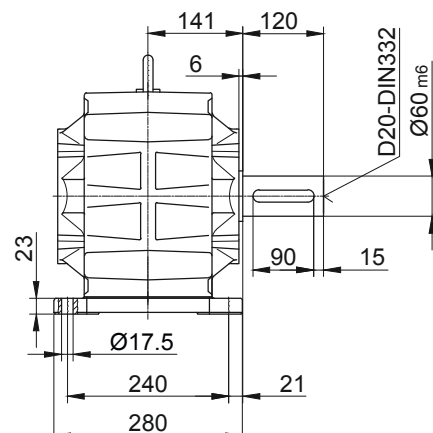
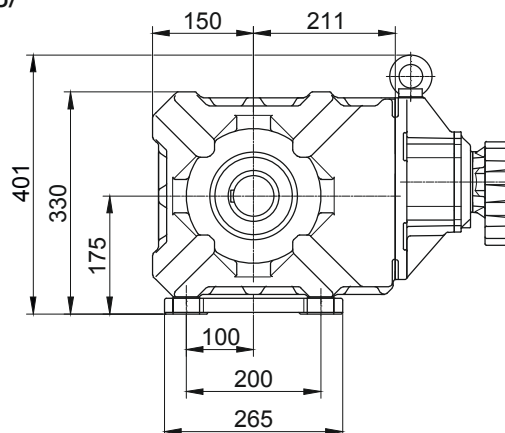
Foot with tapped holes at bottom

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

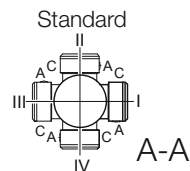
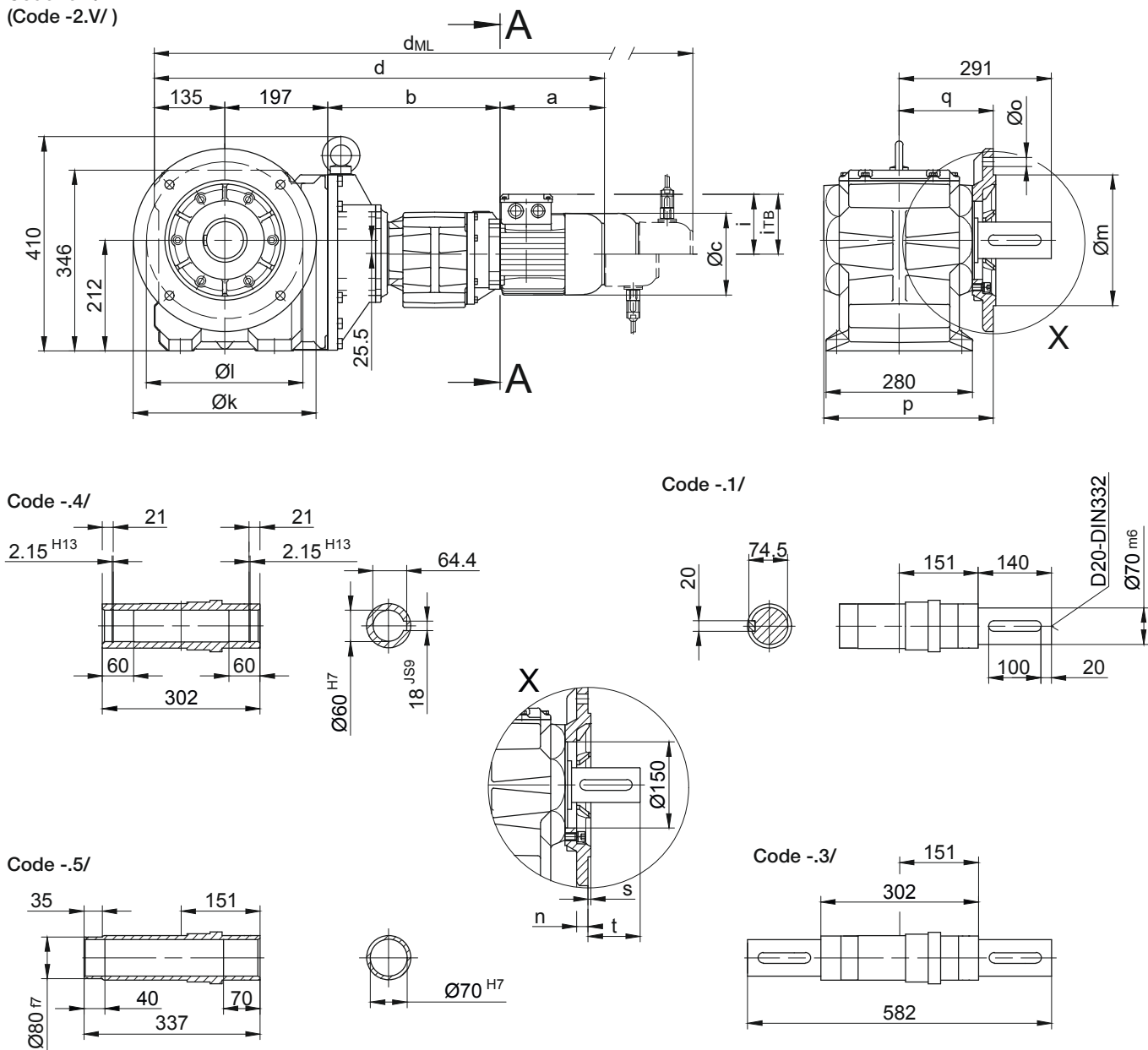
Dimension - Tandem Gearbox

BK60G20

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
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	i_{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK60G20-../S..06 (M, L)	170.5	326	123	828.5	99	119	d_{ML} 870.5	d_{ML} 931	d_{ML} 968.5	-
BK60G20-../S..08 (M, L)	199.5	330	156	861.5	114.5	136.5	d_{ML} 927.5	d_{ML} 973.5	d_{ML} 1035	-
BK60G20-../S..09 (S, X)	250.5	344.5	176	927	124	157	d_{ML} 1020	d_{ML} 1034.5	d_{ML} 1124	-

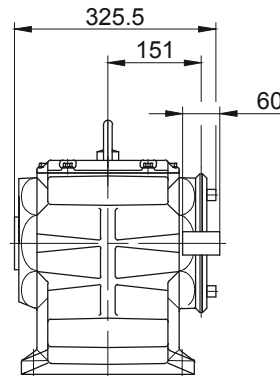
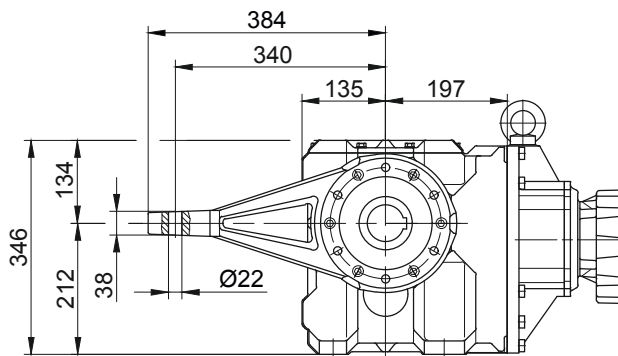
Dimensions in millimetres (mm)

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

BK60G20

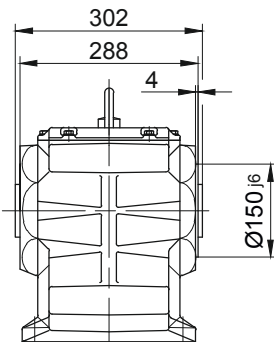
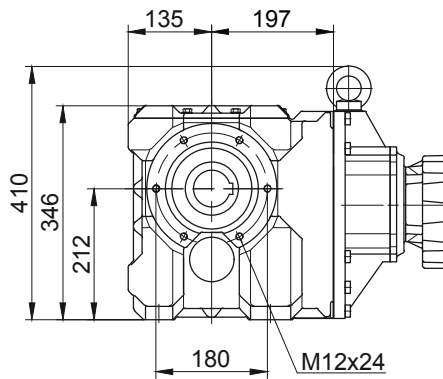
Torque arm at front

Code -5.V/



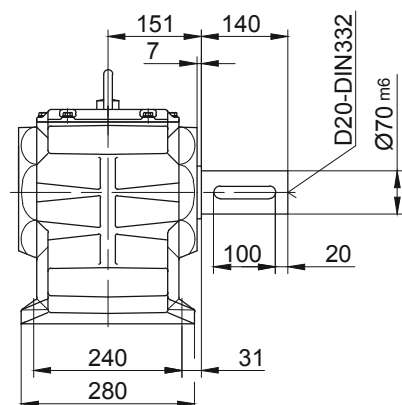
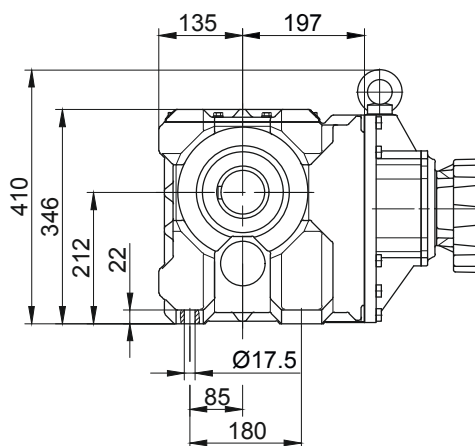
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



BK-series bevel-geared motors

Dimension - Tandem Gearbox

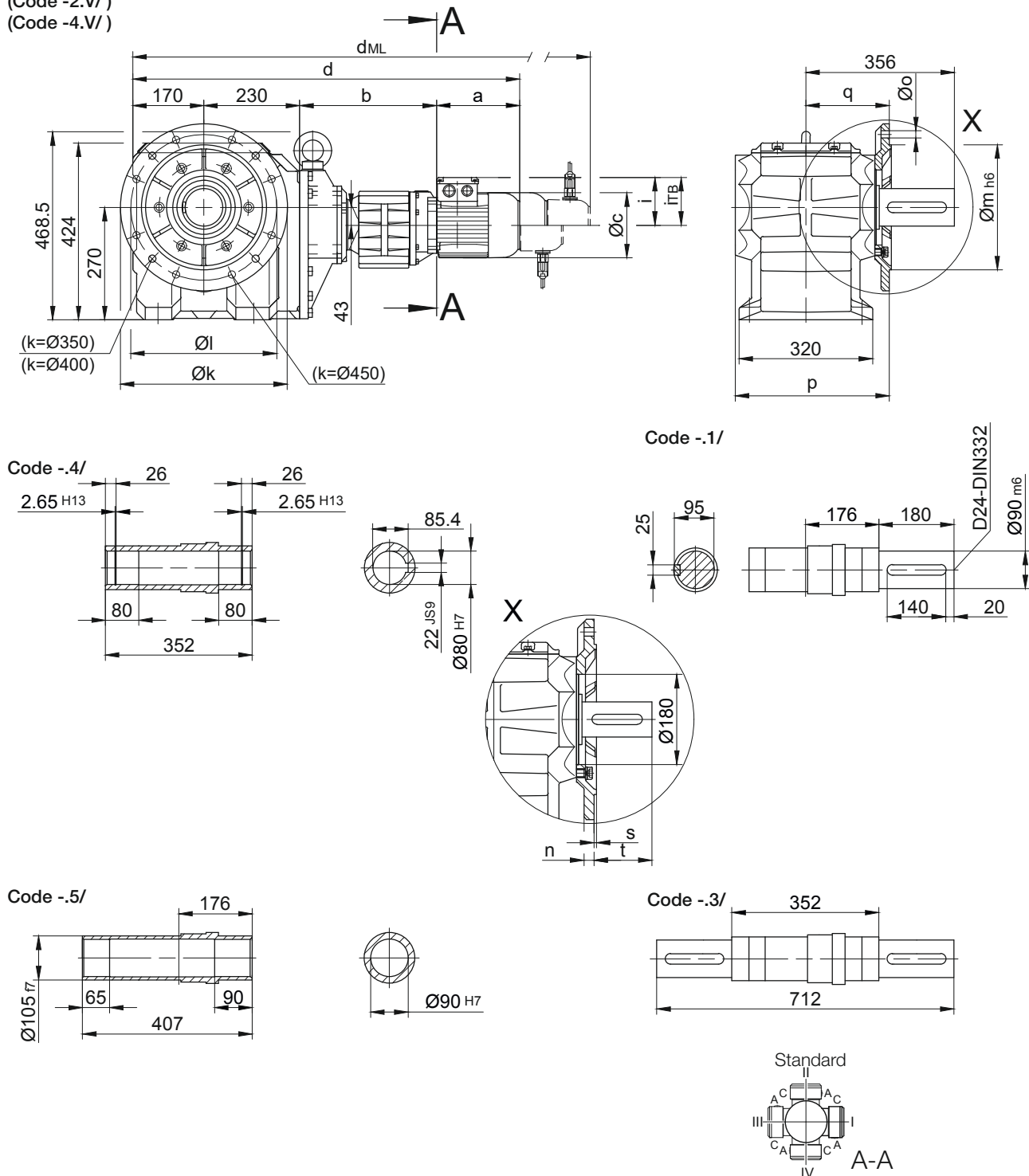
BK70G20

Flange with clearance holes at front

Code -3.V/

(Code -2.V/)

(Code -4.V/)



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	i_{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK70G20-../S..06 (M, L)	170.5	326	123	896.5	99	119	d_{ML}	d_{ML}	d_{ML}	d_{ML}
BK70G20-../S..08 (M, L)	199.5	330	156	929.5	114.5	136.5	938.5	999	1036.5	-
BK70G20-../S..09 (S, X)	250.5	344.5	176	995	124	157	995.5	1041.5	1103	-
							1088	1102.5	1192	-

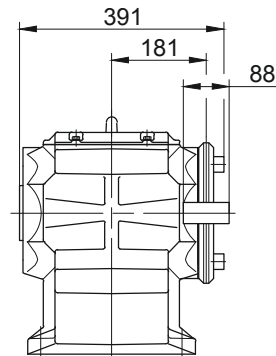
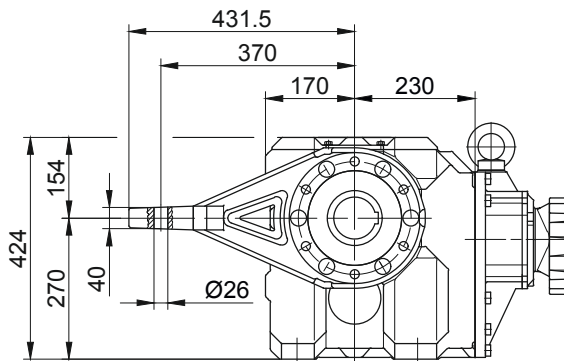
Dimensions in millimetres (mm)

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

BK70G20

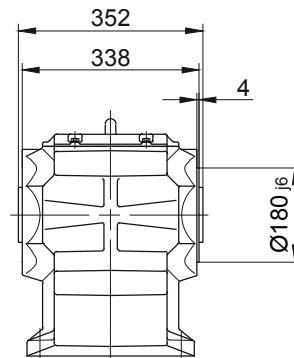
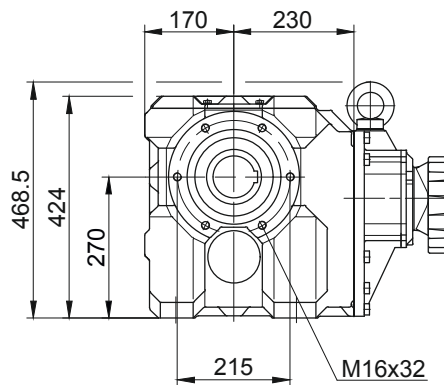
Torque arm at front

Code -5.V/



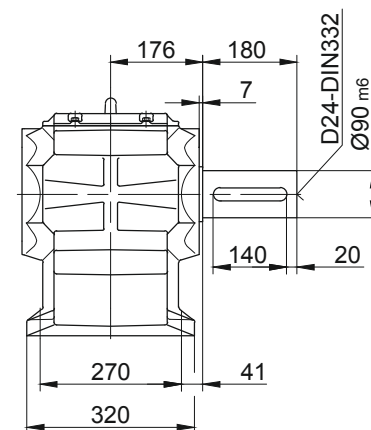
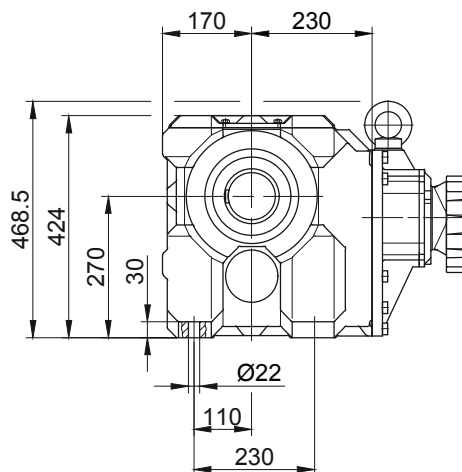
Flange with tapped holes at front

Code -7.V/

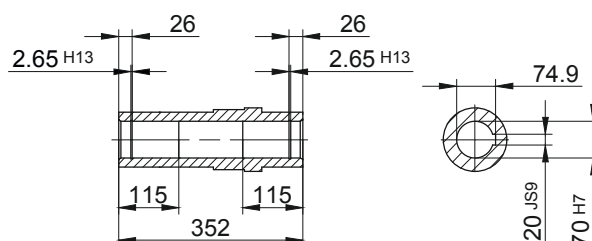


Foot with clearance holes at bottom

Code -1.U/



Code -.4/K70



BK-series bevel-geared motors

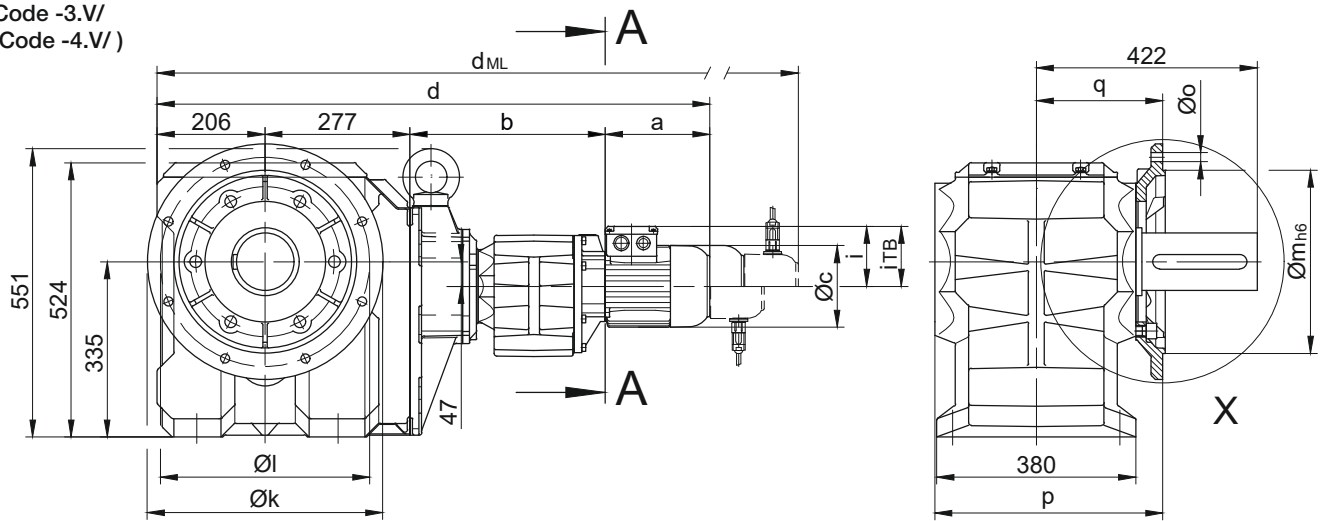
Dimension - Tandem Gearbox

BK80G40

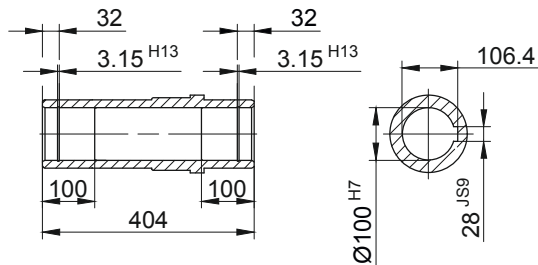
Flange with clearance holes at front

Code -3.V/

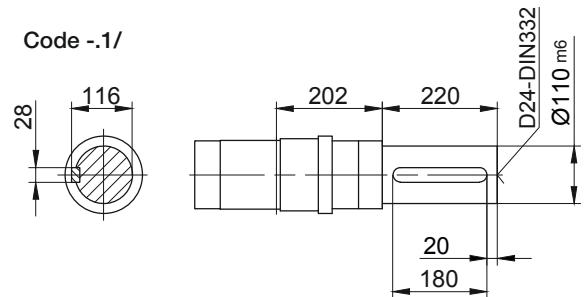
(Code -4.V/)



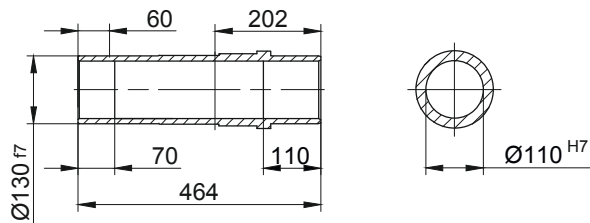
Code -4/



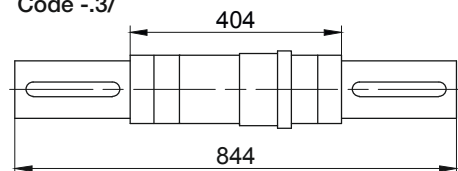
Code -1/



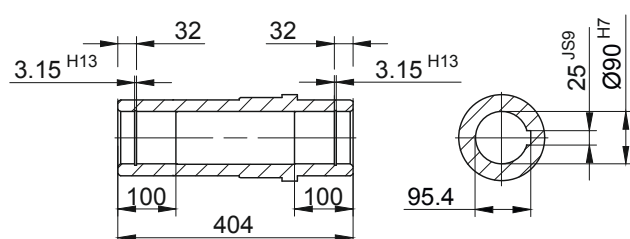
Code -5/



Code -3/



Code -4/K90



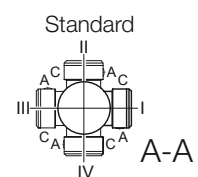
Flange Dimensions

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 millimetres (mm)

Type	a	b	c	d	i	i _{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK80G40-../S..08 (M, L)	199.5	357	156	1039.5	114.5	136.5	d _{ML} 1105.5	d _{ML} 1151.5	d _{ML} 1213	-
BK80G40-../S..09 (S, X)	250.5	371.5	176	1105	124	157	d _{ML} 1198	d _{ML} 1212.5	d _{ML} 1302	-
BK80G40-../S..11 (S, M, L)	319	378	218	1180	165	176	d _{ML} 1278	d _{ML} 1287.5	d _{ML} 1380	-

Dimensions in millimetres (mm)

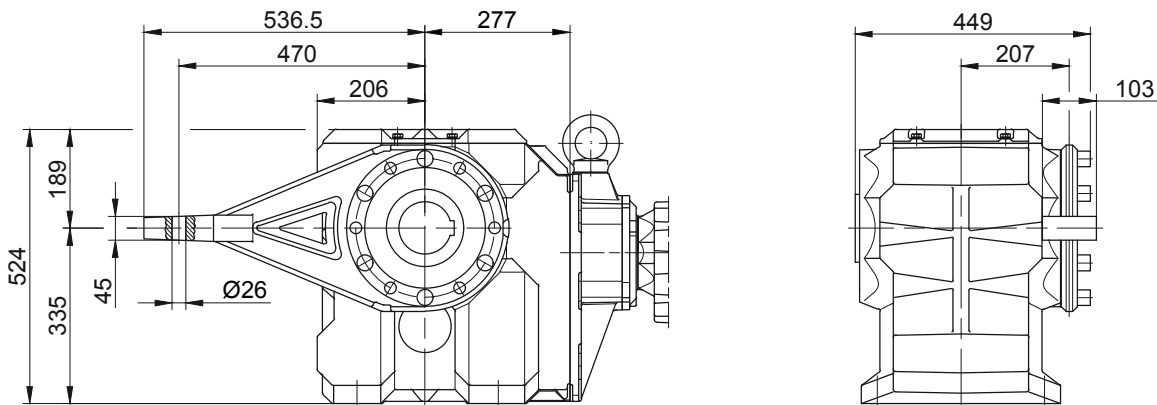


The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK80G40

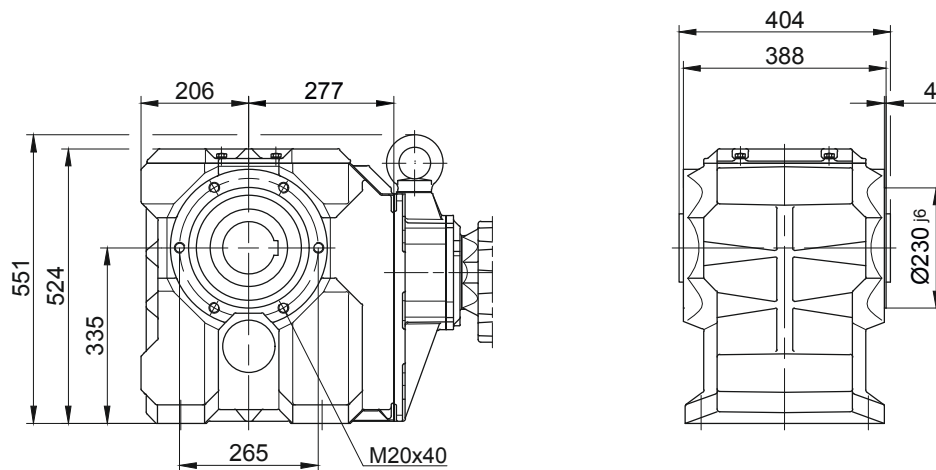
Torque arm at front

Code -5.V/



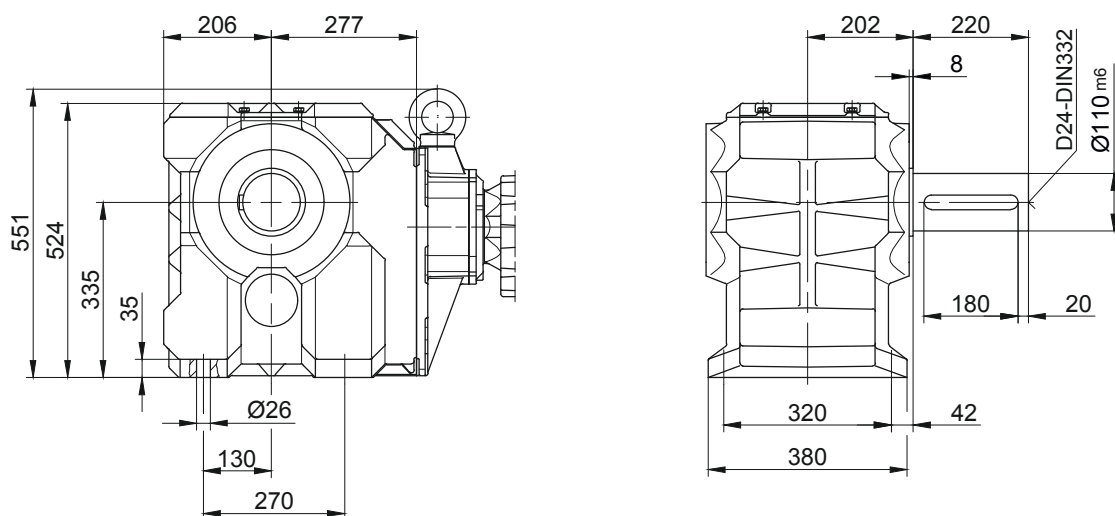
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

Code -1.U/



BK-series bevel-geared motors

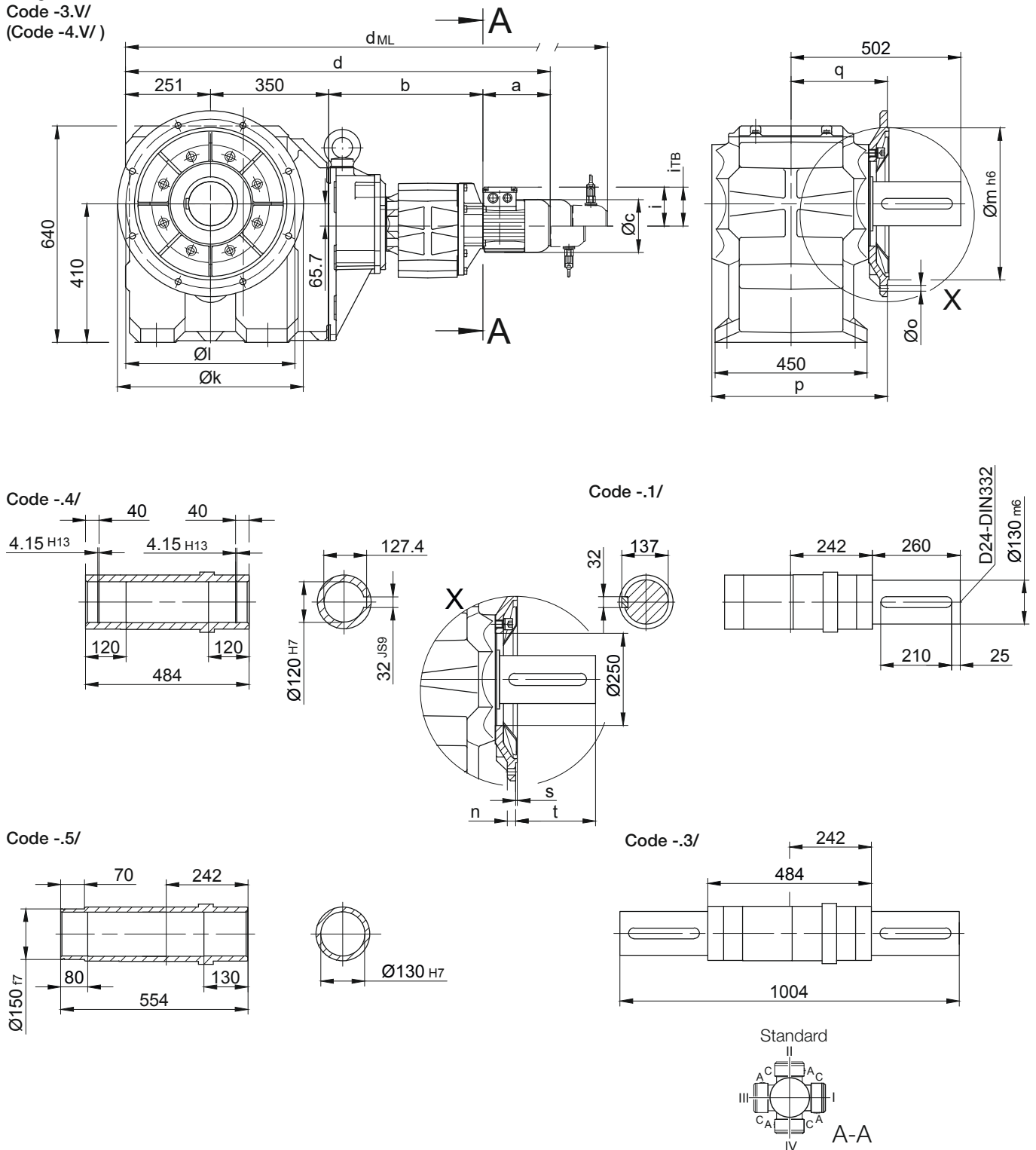
Dimension - Tandem Gearbox

BK90G50

Flange with clearance holes at front

Code -3.V/

(Code -4.V/)



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	i_{TB}	Design with motor extensions			
							Brake	Encoder	Brake with Encoder	Back Stop
BK90G50-../S..08 (M, L)	199.5	427	156	1227.5	114.5	136.5	d_{ML} 1293.5	d_{ML} 1339.5	d_{ML} 1401	-
BK90G50-../S..09 (S, X)	250.5	441.5	176	1293	124	157	d_{ML} 1386	d_{ML} 1400.5	d_{ML} 1490	-
BK90G50-../S..11 (S, M, L)	319	448	218	1368	165	176	d_{ML} 1466	d_{ML} 1475.5	d_{ML} 1568	-

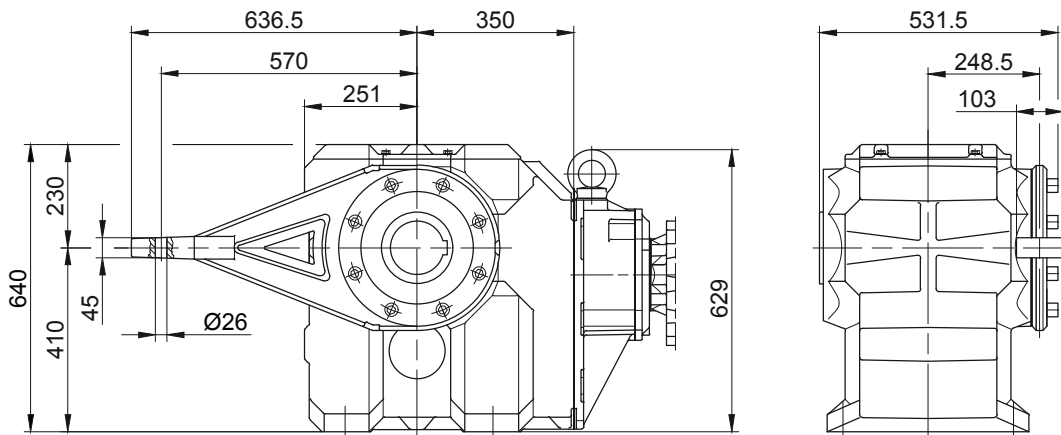
Dimensions in millimetres (mm)

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

BK90G50

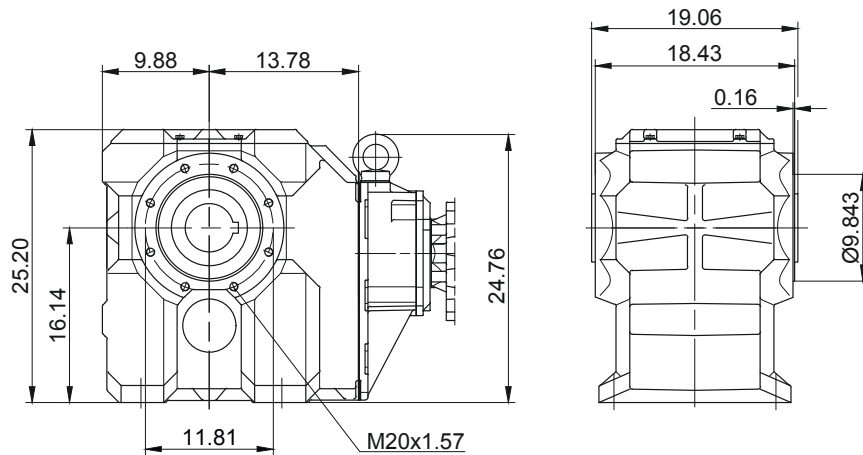
Torque arm at front

Code -5.V/



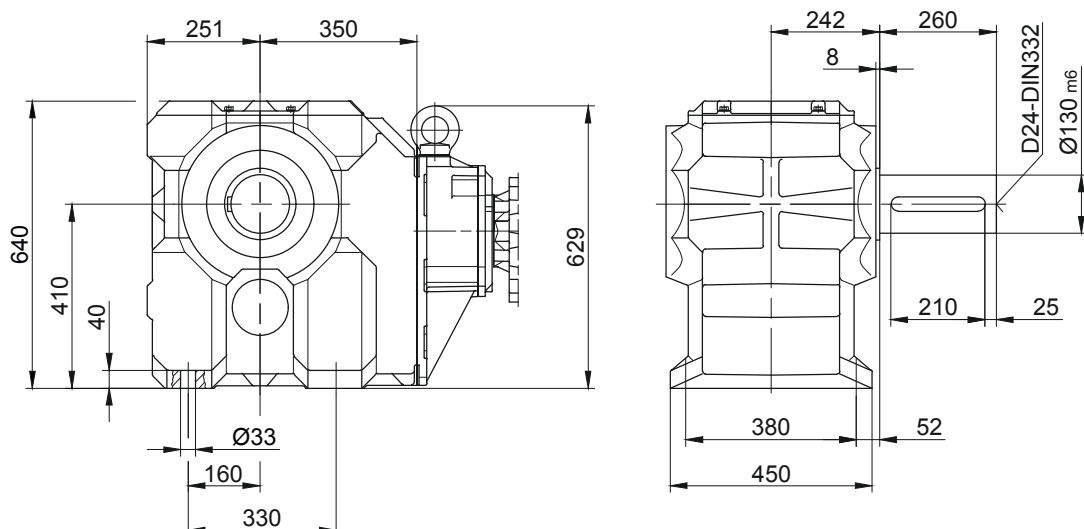
Flange with tapped holes at front

Code -7.V/



Foot with clearance holes at bottom

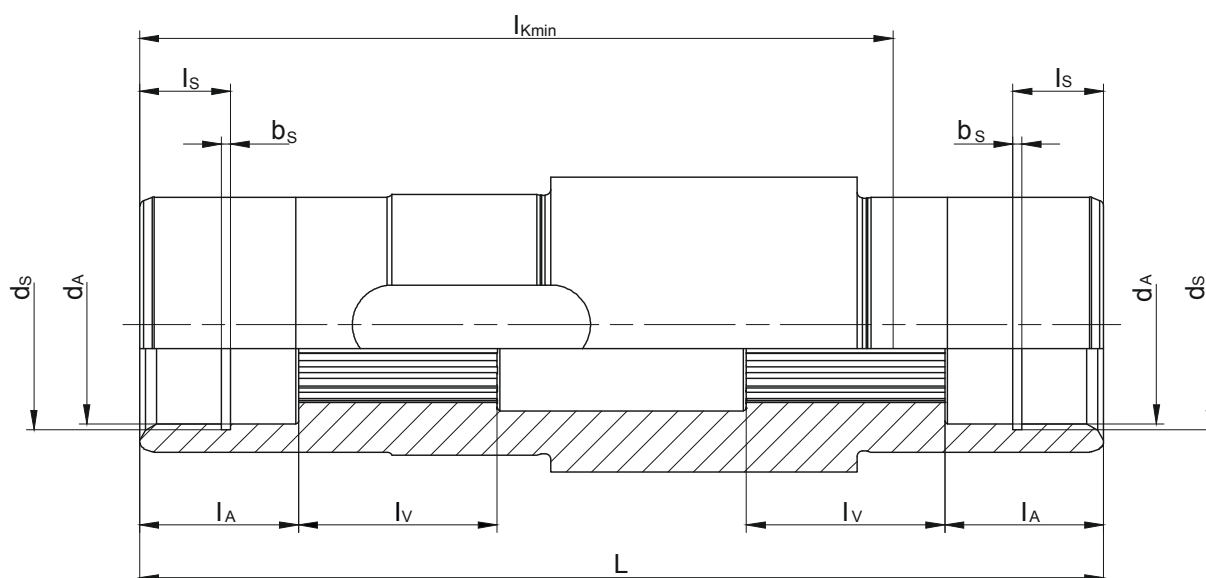
Code -1.U/



BK-series bevel-geared motors

Additional Dimension Sheet

Splined shaft



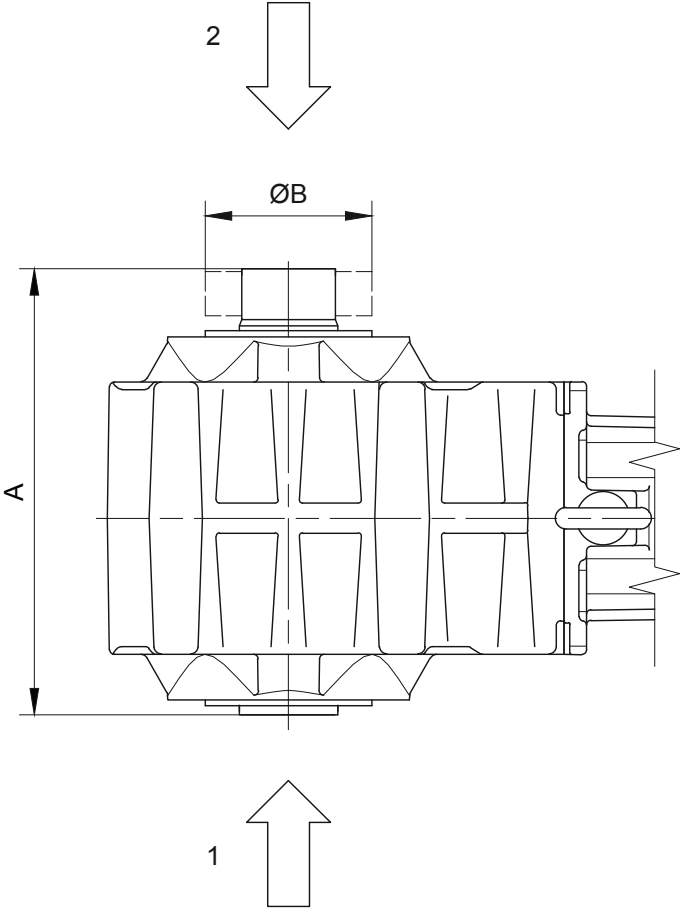
Type	Splined shaft acc. to DIN 5480	d _A	l _A	l _V	l _{kmin}	L	d _s	l _s	b _s
BK10	N30x1.25x22x9H	35 ^{G7}	28	35	132	170	37 ^{H12}	16	1.6 ^{H13}
BK20	N35x2x16x9H	36 ^{G7}	28	35	154	192	37 ^{H12}	16	1.6 ^{H13}
BK30	N40x2x18x9H	41 ^{G7}	25	42	179	224	42.5 ^{H12}	17	1.85 ^{H13}
BK40	N50x2x24x9H	51 ^{G7}	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)									

BK-series bevel-gear motors

Additional Dimension Sheet

Shrink disc couplings (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)				

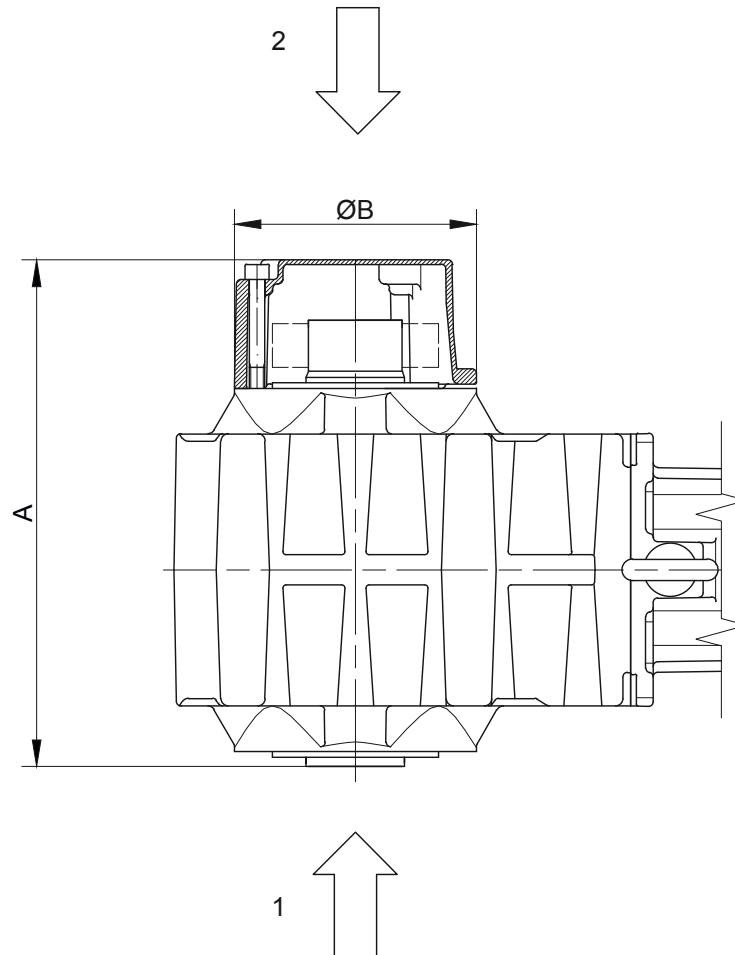
The actual gearbox design can vary from the geometry shown. Generate drive specific 3D and 2D geometries under www.BauerCat.com.

BK-series bevel-geared motors

Additional Dimension Sheet

Shrink disc connection with cover (SSV)

(Code BK10-.5A/...)
(Code BK10Z-.5A/...)



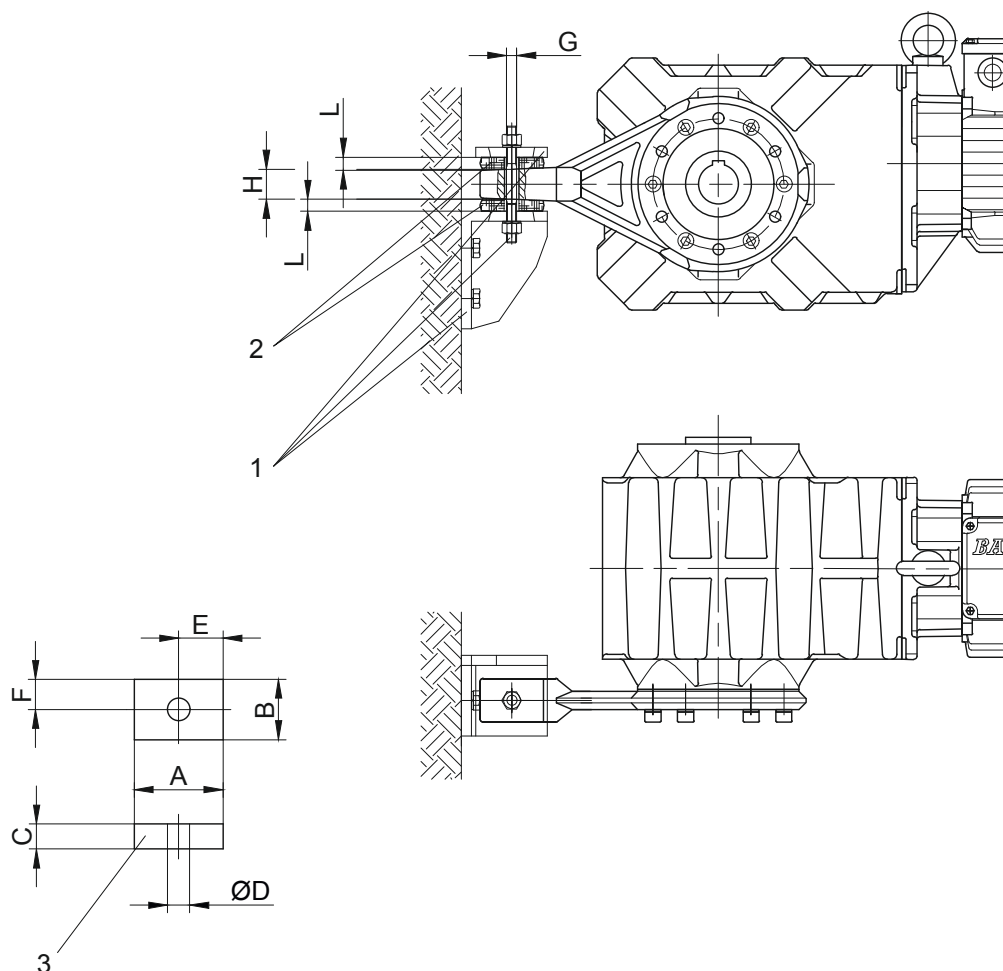
- 1 Gear side FRONT (V)
2 Gear side REAR (H)

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	329	200
BK60	RfN 4161 080x141	HSD 80-22x80	386	210
BK70	RfN 4161 105x185	HSD110-22x105	465	250
BK80	RfN 4161 130x215	HSD125-22x130	502	300
BK90	RfN 4161 150x263	HSD155-22x150	602	350
Dimensions in millimetres (mm)				

BK-series bevel-gear motors

Additional Dimension Sheet

Rubber buffer for torque arm



- 1 not included in delivery
2 Rubber buffers pretensioned

- 3 Rubber buffer
G Maximum screw diameter

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

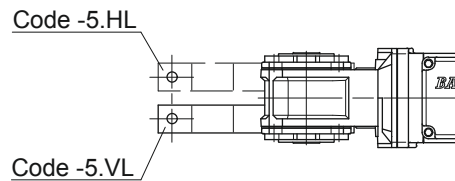
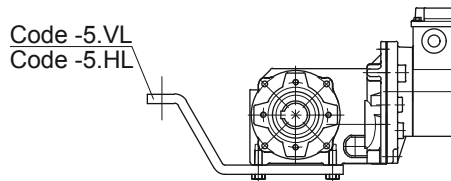
Dimensions in millimetres (mm)

BK-series bevel-geared motors

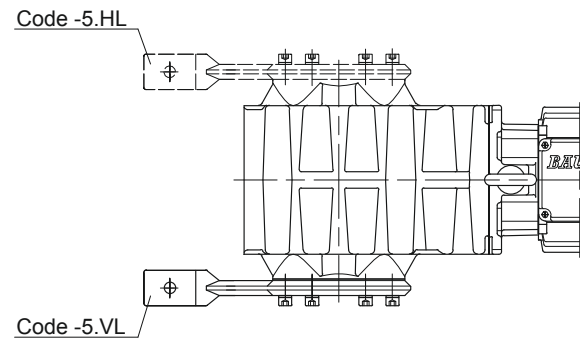
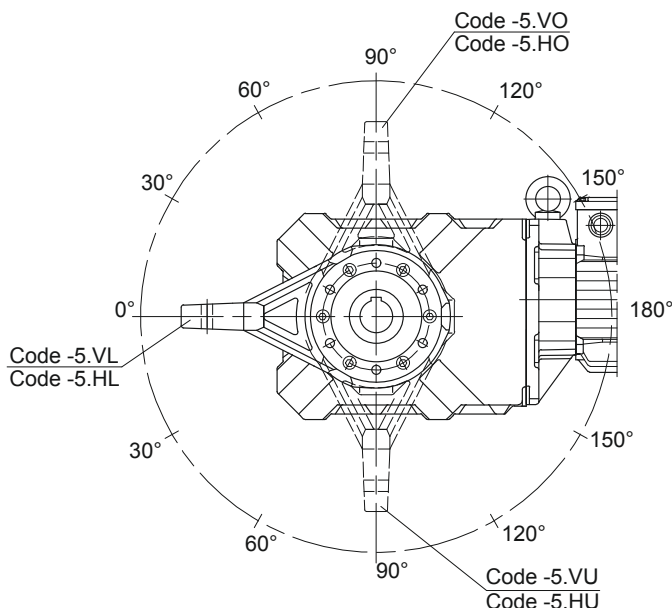
Additional Dimension Sheet

Position of the torque arm

BK06



BK08 - BK90



12

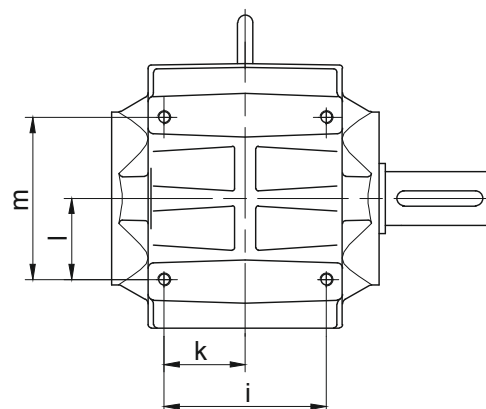
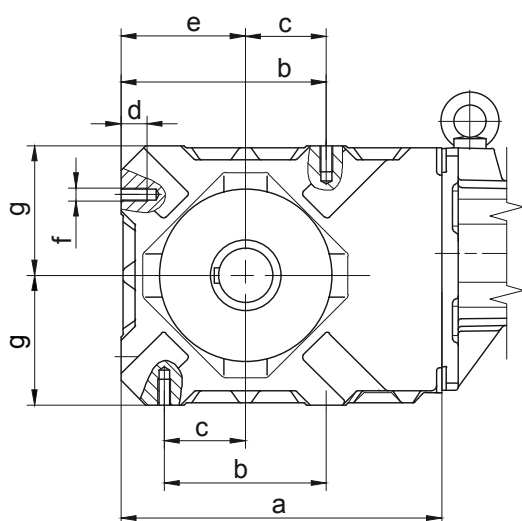
Gear	Position						
	VL/HL	VO/HO/VU/HU					VR/HR
BK06	0°	-	-	-	-	-	-
BK08	0°	30°	60°	90°	120°	-	-
BK10	0°	30°	60°	90°	120°	150°	-
BK17	0°	30°	60°	90°	120°	-	-
BK20	0°	30°	60°	90°	120°	150°	-
BK30	0°	30°	60°	90°	120°	150°	-
BK40	0°	30°	60°	90°	120°	150°	-
BK50	0°	30°	60°	90°	120°	150°	-
BK60	0°	30°	60°	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.

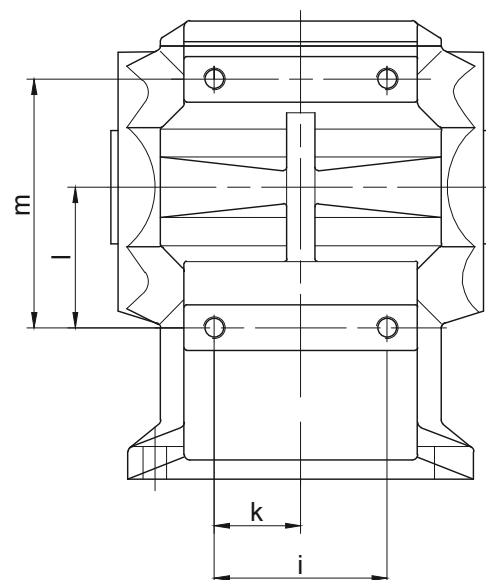
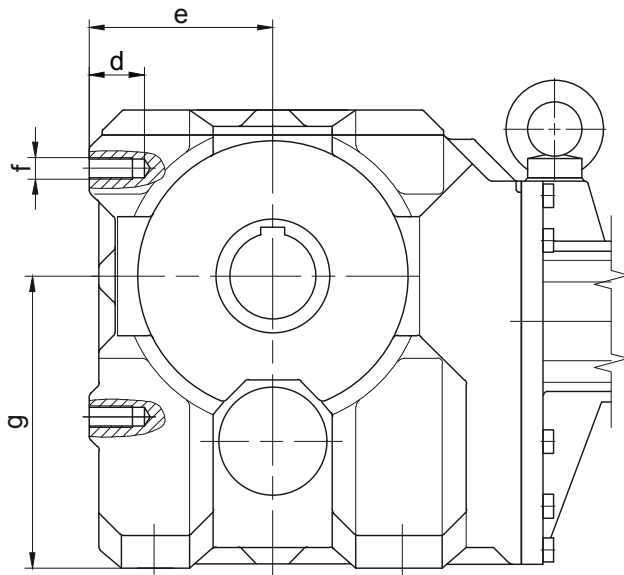
BK-series bevel-gear motors

Additional Dimension Sheet

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



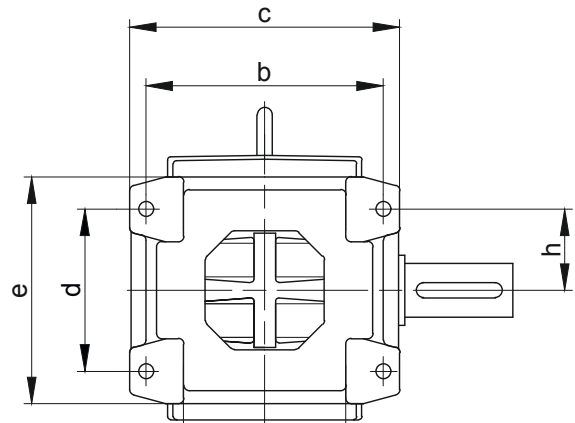
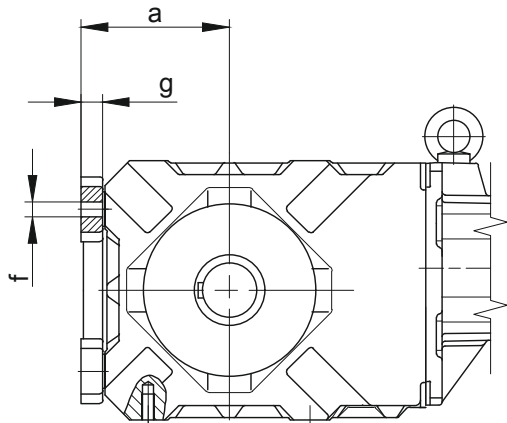
Type	a	b	c	d	e	f	g	i	k	l	m
BK60-BK60Z	-	-	-	40	130	M20	212	160	80	145	230
BK70-BK70Z	-	-	-	40	165	M20	270	160	80	130	230
BK80-BK80Z	-	-	-	60	200	M30	335	210	105	240	360
BK90-BK90Z	-	-	-	60	245	M30	410	210	105	215	360

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

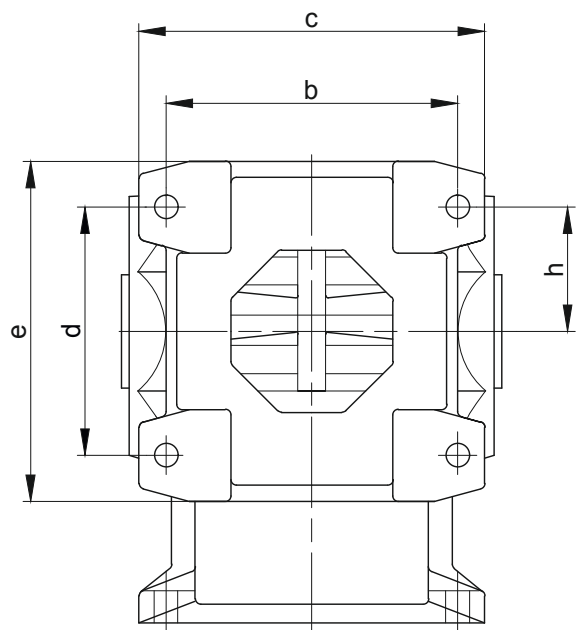
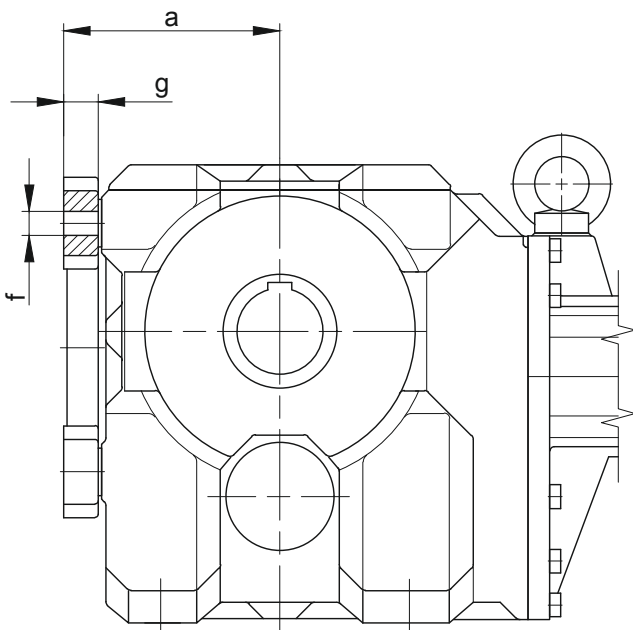
BK-series bevel-geared motors

Additional Dimension Sheet

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



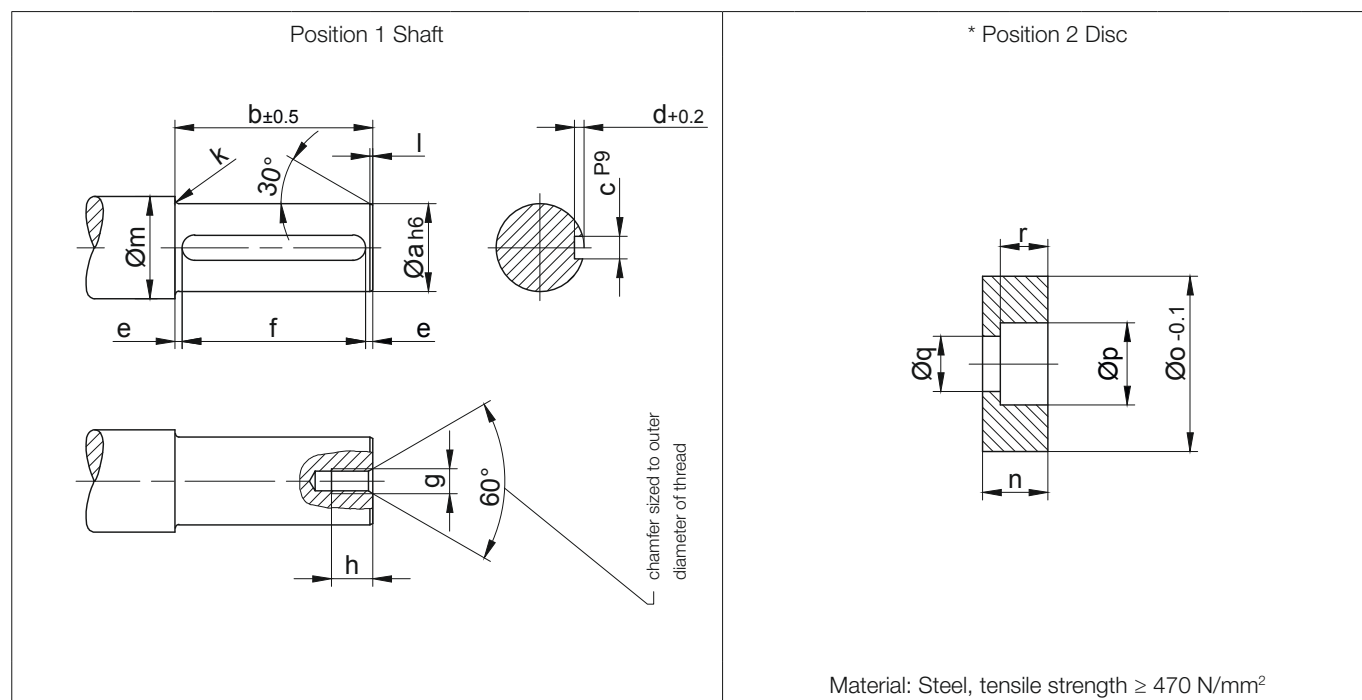
12

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

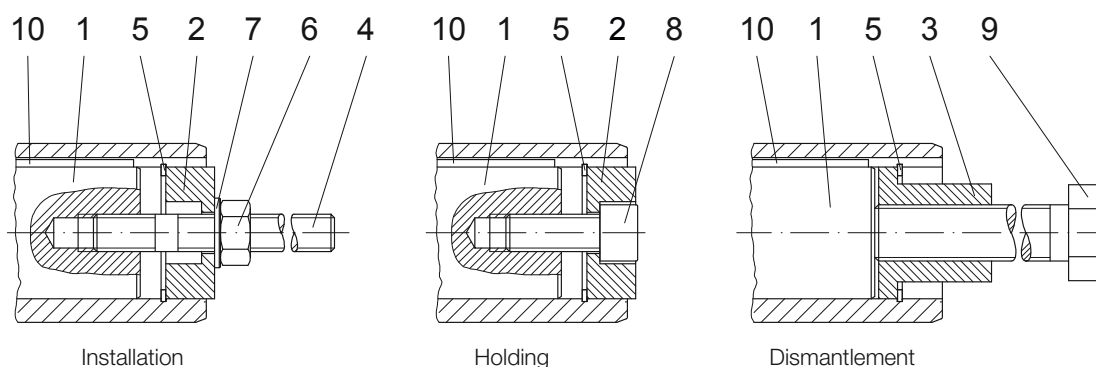
BK-series bevel-geared motors

Additional Dimension Sheet

Assembly tools for hollow shaft and keyway



Type	Dimensions (mm)															
	Position 1 Shaft											Position 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

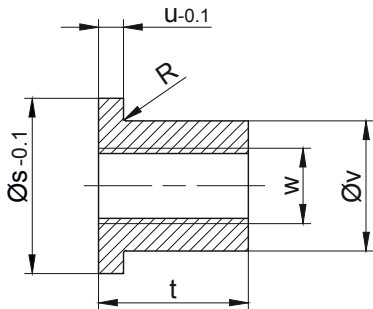
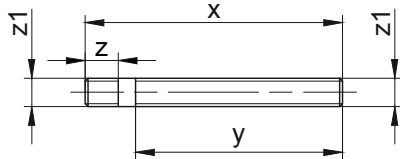


The parts shown are necessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

BK-series bevel-gear motors

Additional Dimension Sheet

Assembly tools for hollow shaft and keyway

Position 3 Sleeve 											* Position 4 Stud bolt 						
Material: Steel, tensile strength ≥ 470 N/mm²											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							
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 necessary 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

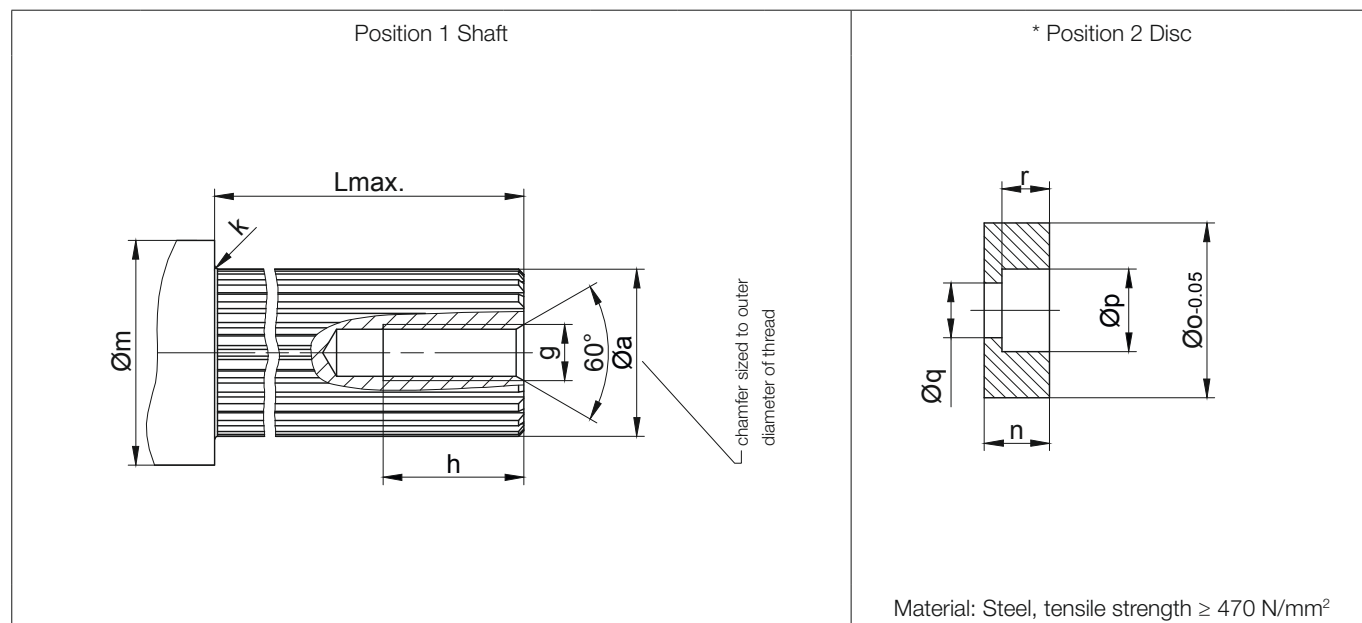
Type	Assembly tool „Holding“
BK06	Id.Nr.4104013
BK10	Id.Nr.4103921
BK20	Id.Nr.4103939
BK30	Id.Nr.4103947
BK40	Id.Nr.4103955
BK50	Id.Nr.4103963
BK60	Id.Nr.4103971
BK70	Id.Nr.4103980
BK70-K70	Id.Nr.4104765
BK80	Id.Nr.4103998
BK90	Id.Nr.4104005

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

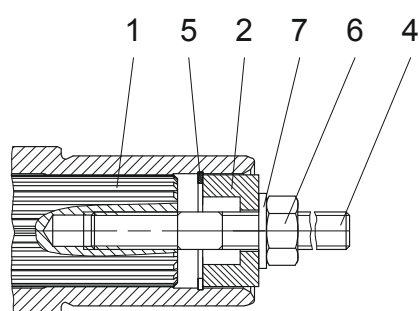
BK-series bevel-gear motors

Additional Dimension Sheet

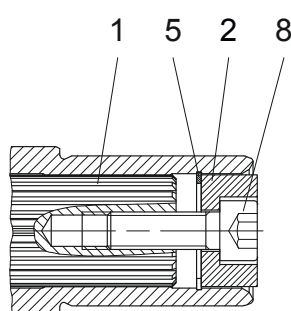
Assembly tools for splined shaft



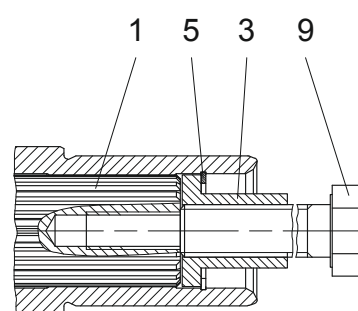
Type	Dimensions (mm)										
	Position 1 Shaft						Position 2 Disc				
	a	g	h	g	Lmax.	m	n	o	p	q	r
BK10	DIN 5480-W30x1.25x22	M10	25	2.5	145	42	15	34.9	18	11	10
BK20	DIN 5480-W35x2x16	M10	25	3	167	44	14	35.9	18	11	10
BK30	DIN 5480-W40x2x18	M12	30	3	200	49	18	40.9	20	13.5	12
BK40	DIN 5480-W50x2x24	M16	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



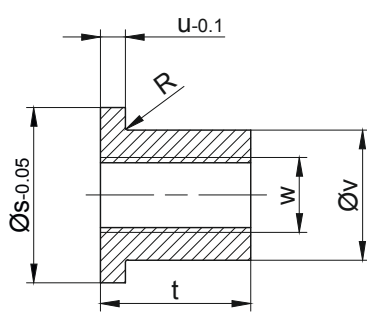
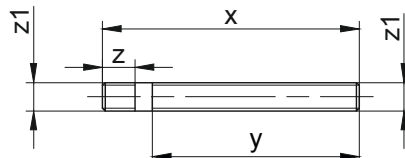
Dismantlement

The parts shown are necessary for assembly. ONLY * specified parts are enclosed in the assembly kit.
Suitable measures are to be used to secure Bolt Pos. 8 against loosening!

BK-series bevel-geared motors

Additional Dimension Sheet

Assembly tools for splined shaft

Position 3 Sleeve 											* Position 4 Stud bolt 					
Material: Steel, tensile strength ≥ 470 N/mm ²											Material: Steel, tensile strength ≥ 1000 N/mm ² 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						
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 necessary for assembly. ONLY * specified parts are enclosed in the assembly kit. Suitable measures are to be used to secure Bolt Pos. 8 against loosening!																

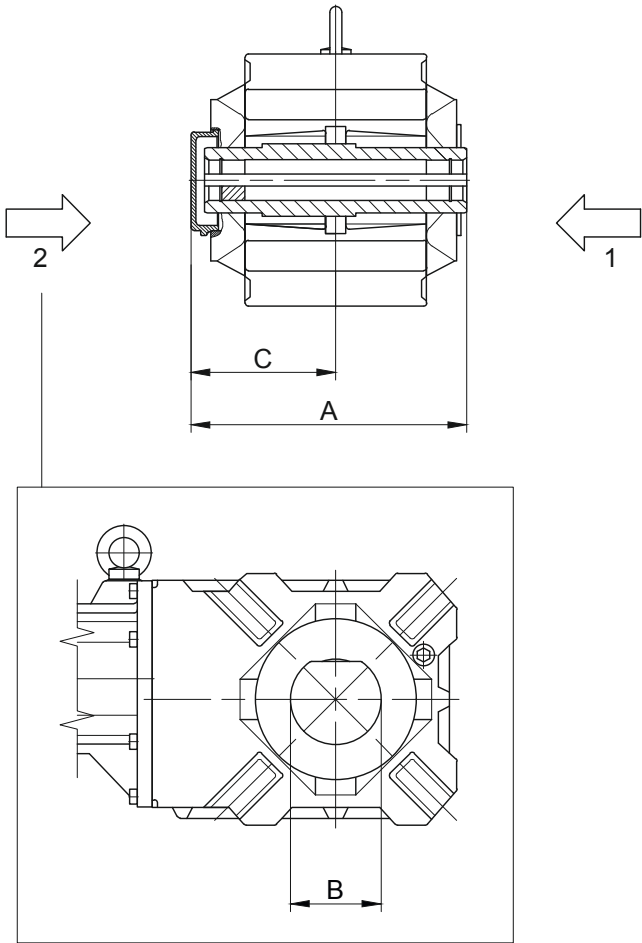
Optional

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

BK-series bevel-gear motors

Additional Dimension Sheet

Shaft cap (VK)



- 1 Gear side FRONT (V)
- 2 Gear side REAR (H)

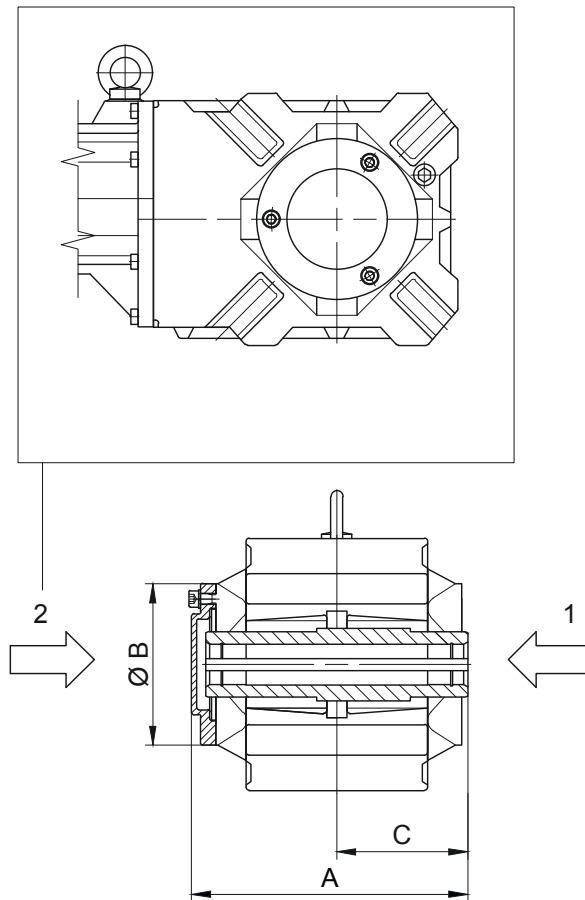
Type	A	B	C
BK10	182.5	85	97.5
BK20	204.5	90	108.5
BK40	273.5	100	143.5
BK50	298	115	157
BK60	322	130	171
BK70	370	160	194
Dimensions in millimetres (mm)			

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

BK-series bevel-geared motors

Additional Dimension Sheet

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)			

