



BAUER **Standard** The Efficient and Open Gear Motor Platform



 **Bauer®**
Gear Motor

An Altra Industrial Motion Company



Machine

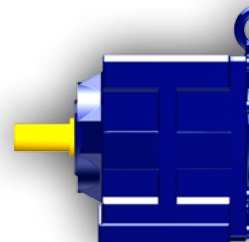
Transmission Elements

Simple mechanical connection to your machine



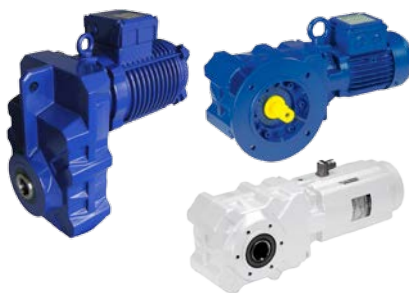
Gear

Low complexity through



Modular Standard

- Conveying
- Material Handling



Application Specific Standard

- Food & Beverage
- Basic Metal
- Industries



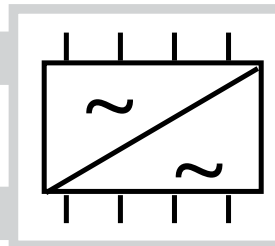
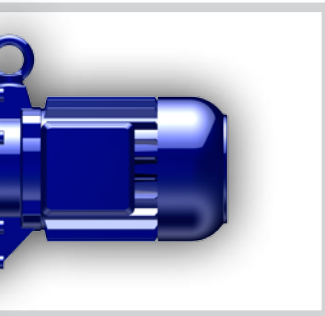
Customer Specific Standard

- Customer specific drive solutions



Motors

intelligent modular system

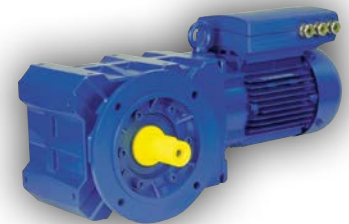


Control Electronics

Open systems for your application

Main Supply

Ring Fin Motor for Steel Mills



Decentral

Food and Beverage

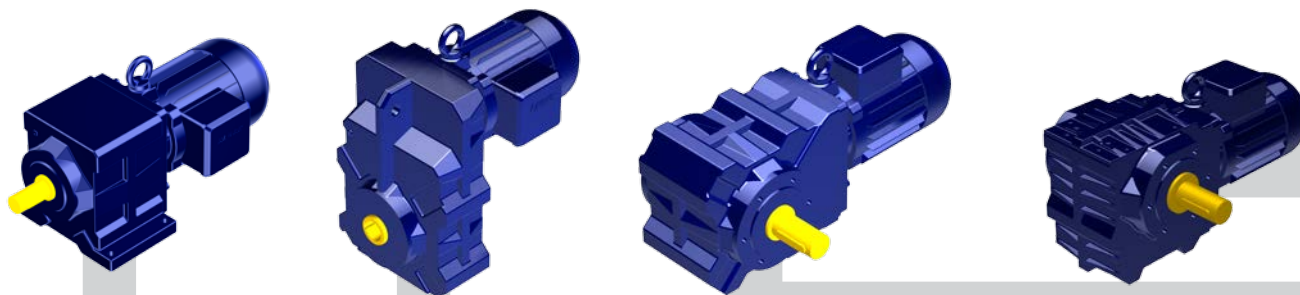


Central



The New Modular Standard

The "All-Rounder" for multiple applications



The Application Specific Standard

The "Application Master" - the perfect fit for your application



Basic Metal

- Milltable
- Rolling mill



Food & Beverage

- Bottling plant
- Aseptic conveying
- Packaging



Industries

- Water and waste water technology
- Crane and conveyor technology
- Environmental technologies





Gear Type	Power [HP]	Torque [lbf-in]	Your Benefit
Helical Worm BS-Series	0.075-7.5	221-8,675	Compact and resilient through high quality worm gearing. Thus long lifetime and low servicing costs.
Helical Bevel BK-Series	0.075-100	710-148,000	Energy efficient due to the highly efficient two-stage base design.
Parallel Shaft BF-Series	0.075-100	840-148,000	Compact mounting and multiple possibilities for attachment reduce the space requirements.
Helical In-Line BG-Series	0.075-100	180-148,000	Robust design leads to long service intervals.

The Customer Specific Special

The "Integration Expert" - optimally integrated in your machine



Textile Industry

- Flat bed knitting machine
- Circular knitting machine
- Weaving machine



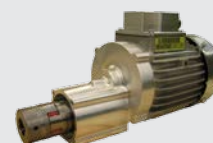
Printing Industry

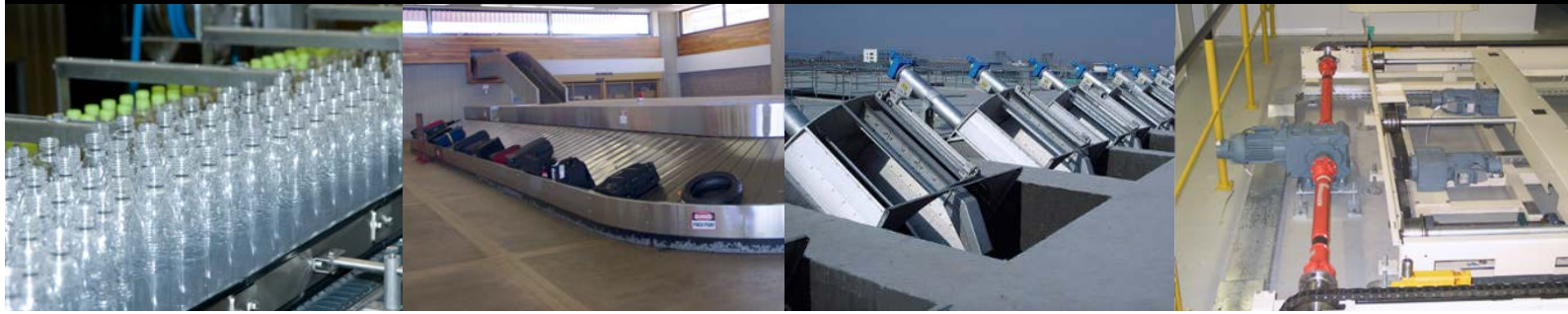
- Offset printing machine
- Web and sheet offset



Packaging Industry

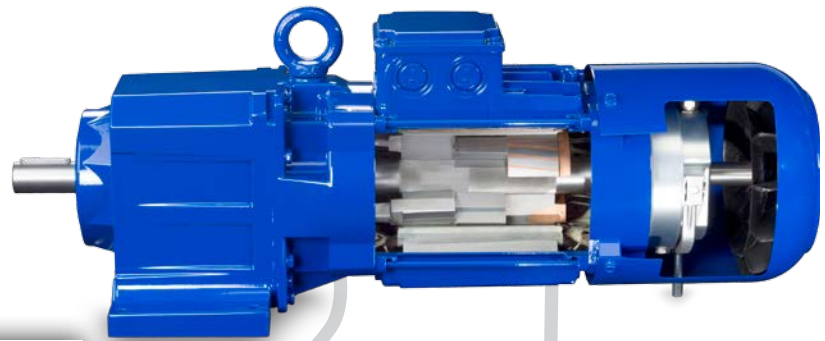
- Band strapping devices
- Pallet packing presses
- Rotary arm winder





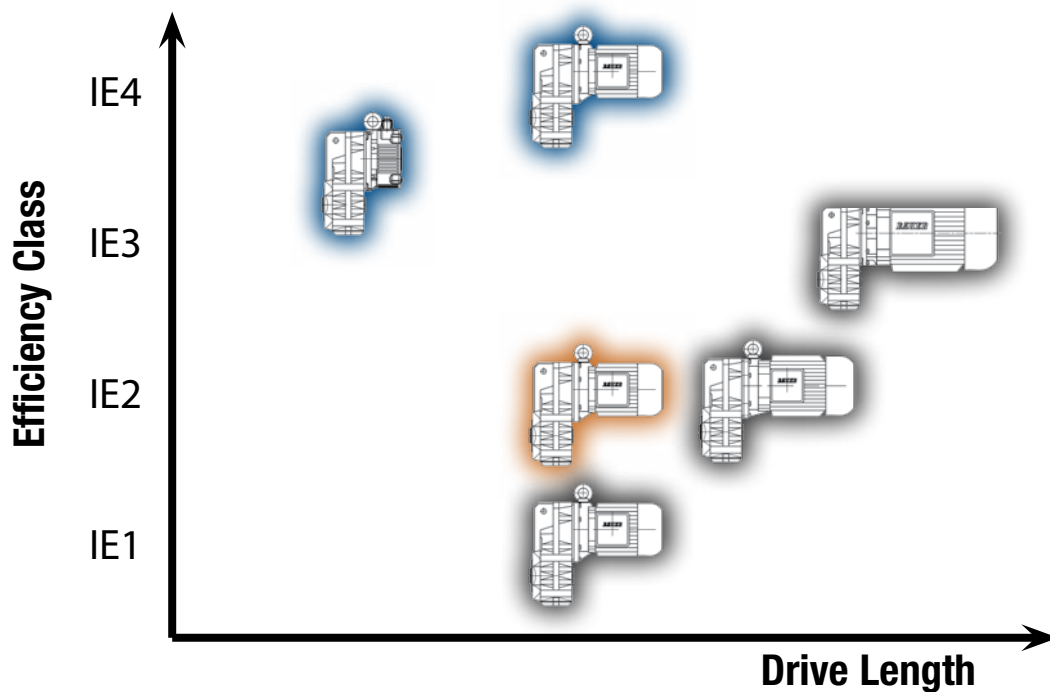
Integral Solutions

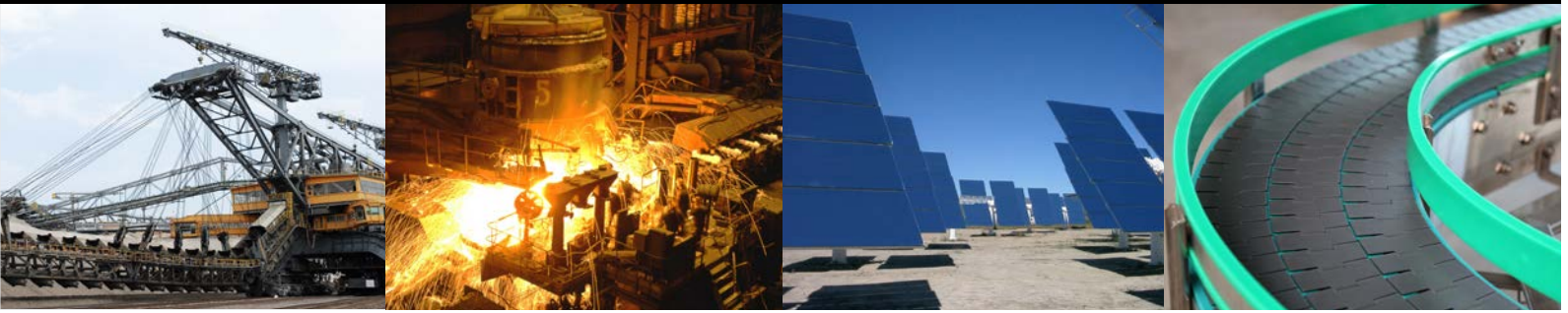
Three different rotor technologies which can be configured according to the efficiency class required, guarantee high efficient drive solutions without space restrictions.



	ALU	COPPER	PSM
IE4			✗
IE3	✗	✗	
IE2	✗	✗	
IE1*	✗		

* for special applications





Competitive Displacement Helical Gear Motors



2000 Series is a new Helical-Bevel product family from Bauer Gear Motor

Design driven by a Voice of Customer study which resulted in prioritization of:

- Improving performance and efficiency
- Extending life and reducing maintenance
- Expanding flexibility of user interfaces
- Maximizing customer value
- Dimensional drop-in for SEW Eurodrive

Direct Drop-in Convenience

- Dimensionally interchangeable with industry standard envelope and mounting dimensions including SEW KA Series
- Responsive & Reliable Lead-times
- C-Face or integral gear motor designs to meet customer needs

Enhanced Product Performance

- Higher rated output torque capacity than leading competitors (~10% higher on average)
- Larger motor HP capability
- Higher power density in the same size package

Quick Installation

- Mounting register surfaces for quick alignment
- Keyless Tapered Bushing design enables more secure fit with end user's driven shaft while greatly reducing fretting corrosion

Easy to Maintain

- Larger diameter fill & drain plugs for quick oil changes
- Rounded exterior to prevent particle accumulation and better withstand wash-down

Custom Product Design Flexibility

- Expanded hollow bore options and multiple output shaft diameters

Longer Lifecycle Enables Lower Cost of Ownership

- Increased rated torque performance translates to an exponential increase in product life when used under the same operating conditions
- Magnetic filtration feature automatically removes wear debris for longer product life

Voice of Customer Focused

- The evolution & design of 2000 Series was based upon customer feedback & requirements

Belted Drives and Sheaves
TB Wood's
Belted Drives

Chambersburg, PA - USA
1-888-829-6637 – Press #5

For application assistance:
1-888-829-6637 – Press #7

Couplings
Ameridrives Couplings
*Mill Spindles, Ameriflex,
Ameridisc*

Erie, PA - USA
1-814-480-5000
Gear Couplings

San Marcos, TX - USA
1-800-458-0887
Ameridrives Power Transmission
*Universal Joints, Drive Shafts,
Mill Gear Couplings*

Green Bay, WI - USA
1-920-593-2444
Bibby Turboflex
*Disc, Gear, Grid Couplings,
Overload Clutches*

Dewsbury, England
+44 (0) 1924 460801

Boksburg, South Africa
+27(0) 11 918 4270
Guardian Couplings
*Engineered Flywheel Couplings,
Engine Housings and Pump Mounts,
Flexible Shaft Couplings*

Michigan City, IN - USA
1-219-874-5248
Huco Dynatork
*Precision Couplings and
Air Motors*

Hertford, England
+44 (0) 1992 501900

Chambersburg, PA - USA
1-888-829-6637
Couplings Cont.
Lamiflex Couplings
*Flexible Couplings, Bearing
Isolators, and Coupling Guards*

São Paulo, SP - Brasil
+55 (11) 5679-6533
TB Wood's
Elastomeric Couplings

Chambersburg, PA - USA
1-888-829-6637 – Press #5

For application assistance:
1-888-829-6637 – Press #7

General Purpose Disc Couplings

San Marcos, TX - USA
1-888-449-9439
**Electromagnetic
Clutches and Brakes**
Inertia Dynamics
*Spring Set Brakes; Power On and
Wrap Spring Clutch/Brakes*

New Hartford, CT - USA
1-800-800-6445
Matrix International
*Electromagnetic Clutches
and Brakes, Pressure Operated
Clutches and Brakes*

Brechin, Scotland
+44 (0) 1356 602000

New Hartford, CT - USA
1-800-825-6544
Warner Electric
*Electromagnetic Clutches
and Brakes*

New Hartford, CT - USA
1-800-825-6544
For application assistance:
1-800-825-9050

Saint Barthélemy d'Anjou, France
+33 (0)2 41 21 24 24
*Precision Electric Coils and
Electromagnetic Clutches and
Brakes*

Columbia City, IN - USA
1-260-244-6183
**Engineered
Bearing Assemblies**
Kilian Manufacturing
*Engineered Bearing
Assemblies*

Syracuse, NY - USA
1-315-432-0700
Gearing
Bauer Gear Motor
Geared Motors

Esslingen, Germany
+49 (711) 3518-0

Somerset, NJ - USA
1-732-469-8770
Boston Gear
*Enclosed and Open Gearing,
Electrical and Mechanical
P.T. Components*

Charlotte, NC - USA
1-800-825-6544
For application assistance:
1-800-816-5608
**Nuttall Gear and
Delroyd Worm Gear**
*Worm Gear and
Helical Speed Reducers*

Niagara Falls, NY - USA
1-716-298-4100
**Heavy Duty
Clutches and Brakes**
Industrial Clutch
*Pneumatic and Oil Immersed
Clutches and Brakes*

Waukesha, WI - USA
1-262-547-3357
Svendborg Brakes
*Industrial Brakes and
Brake Systems*

Vejstrup, Denmark
+45 63 255 255
Twiflex Limited
Caliper Brakes and Thrusters

Twickenham, England
+44 (0) 20 8894 1161
**Heavy Duty
Clutches and Brakes Cont.**
Wichita Clutch
*Pneumatic Clutches
and Brakes*

Wichita Falls, TX - USA
1-800-964-3262
Bedford, England
+44 (0) 1234 350311
Linear Products
Warner Linear
Linear Actuators

Belvidere, IL - USA
1-800-825-6544
For application assistance:
1-800-825-9050

Saint Barthélemy d'Anjou,
France
+33 (0)2 41 21 24 24
Overrunning Clutches
Formsprag Clutch
*Overrunning Clutches
and Holdbacks*

Warren, MI - USA
1-800-348-0881 – Press #1

For application assistance:
1-800-348-0881 – Press #2

Marland Clutch
*Roller Ramp and Sprag Type
Overrunning Clutches
and Backstops*

South Beloit, IL - USA
1-800-216-3515
Stieber Clutch
*Overrunning Clutches
and Holdbacks*

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+49 (0) 6221-30470

For information concerning our
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check our website
www.altramotion.com.cn


An Altra Industrial Motion Company

www.bauergears.com

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