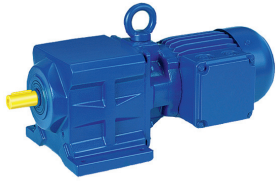


Product overview



Helical-Geared Motor – BG series

Compact and economical inline helical-geared motors designed to do practically without service.

- Motor powers from 0.03 kW to 45 kW
- 13 gearbox sizes for torques from 20 Nm to 18500 Nm
- New attachment possibilities with low design height
- High efficiency through 2stage base design
- Enclosure IP65 as standard
- Service friendly built-on brake



Shaft-Mounted Geared Motor – BF series

Shaft-mounted geared motors with integrated torque arm are easily integrated and economically applied.

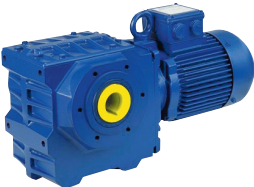
- Mounted gearbox with integral torque arm
- Motor powers from 0.03 kW to 45 kW
- 10 gearbox sizes for torques from 90 Nm to 18500 Nm
- High efficiency through 2stage base design
- Enclosure IP65 as standard
- Service friendly built-on brake



Bevel-Geared Motor – BK series

Power-dense, right-angle, bevel-geared motors ensure the highest efficiency especially when used with frequency inverters.

- The right angle gearbox with universal attachment possibilities
- Motor powers from 0.03 kW to 45 kW
- 10 gearbox sizes for torques from 80 Nm to 18500 Nm
- High efficiency through 2stage base design
- Enclosure IP65 as standard
- Service friendly built-on brake



Worm-Geared Motor BS series

Economical, right-angle, worm-geared motors install easily in the tightest applications.

- Motor powers from 0,03 kW to 5,5 kW
- 8 gearbox sizes for torques from 25 Nm to 1000 Nm
- Hollow shaft version already available from 25 Nm
- High loadable worm gearing for long lifetime
- Enclosure IP65 as standard
- Service friendly built-on brake



Monorail Geared Motor Drives BM series

A completely new range of monorail drives for light and heavy load monorail applications, optional double output shaft makes it ideal for floor conveyors.

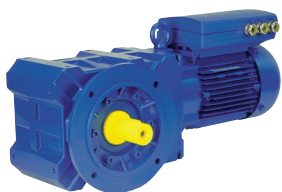
- 5 gearbox sizes for torques from 50 Nm to 680 Nm
- Radial force 4.400 N to 25.000 N
- Flexible mounting on the running gear
- Enclosure IP65 as standard
- Improved efficiency – lower energy consumption – ideal as travelling gear
- Reverse motion of the gearbox is possible



BF06 and BK06

Small, Light, Powerful!
The new small Shaft-mounted and bevel-geared motors offer many, more compact and lighter solutions for drive tasks.
The customer benefits from the ruggedness and long service life of our products.

- Motor powers from 0,03 kW to 0,75 kW
 - Variety of installation options
 - High efficiency due to 2 stage base design
 - Light aluminium enclosure without dirt traps
 - Enclosure IP65 as standard
-



EtaSolution series K

EtaSolution series K geared motors are combinations of geared motors and frequency converters. They provide compact drive solutions with infinite speed control.

- Saving space and costs
- No shielded motor cables required
- Mechatronic Adaption of VLT drive and geared motor
- Motor power range 0.12 kW up to 7.5 kW
- Supply voltage 3 x 380 V - 480 V
- Compliance to all EMC standards
- Standard RS485-Interface, optional Profibus-Interface
- Zone 2 and 22 possible



CAGE CLAMP®

The use of BAUER Geared Motors up to 30 kW with CAGE CLAMP® connection technology reduce costs both during installation and in service cases.

- Cost reduction during connection
- Simple handling
- Cable core diameters up to 25 mm²
- Cost saving in material and tooling
- Vibration and shock resistant
- ⚡ approved



BAUER Aseptic

Geared motors for the Food & Beverage industry as well as for all applications with high cleaning intensity or ambient conditions such as dust, fluff etc.

- Motor without fan and cool ribs
- Motor powers DA08 from 0,25 kW to 0,75 kW
- Motor powers DA09 from 0,37 kW to 1,50 kW
- Available with helical, parallel shaft, bevel and worm gears
- Motor winding in Iso Class F with Thermistors as standard
- Enclosure IP66 with acid and alkali resistant coating as standard
- Motor connection through standard stainless steel plug connector in IP67



Bauer CleanDrive™

Geared motors for the Food & Beverage industry in enclosure IP66 with acid and alkali resistant coating as standard.

- Motor without fan and cool ribs
- Motor power 0,12 kW
- Motor winding in Iso Class F with Thermistors as standard
- Motor connection through standard terminal box or stainless steel cable gland



CleanConnect®

Specially developed for the requirements of the beverage industry: Enclosure IP 67, gold coated contacts, and smooth surface for a reliable current and signal transmission in wet environments.

- Cleaning friendly and detergent resistive surface
- Standardised M25 threaded connection
- Connectable without tools, coded for foolproof connection
- EMC conform due to shielding connection
- Available with straight or angular connection



Explosionproof BAUER Geared Motors

Geared motors suitable for use in explosive areas:

GAS Zones 1, 2
DUST Zones 21, 22

- | | | |
|--------------|---|----------------|
| • Zone 1, | II 2G EEx e II T3, | 0,12 ... 11 kW |
| • Zone 2, | II 3G EEx nA II T3, | 0,03 ... 30 kW |
| • Zone 21, | II 2D EEx tD A21 IP65 T<160°C, | 0,03 ... 30 kW |
| • Zone 21, | II 2D EEx tD A21 IP65 T120°C, | 0,03 ... 30 kW |
| • Zone 22, | II 3D EEx tD II T<160°C, | 0,03 ... 30 kW |
| • Zone 1/21, | II 2G EEx e II T3/II 2D EEx tD A21 IP65 T120°C, | 0,12 ... 11 kW |
| • Zone 2/22, | II 3G EEx nA II T3/II 3D EEx tD II T<160°C, | 0,03 ... 30 kW |



Danfoss Bauer - The Gear Motor Specialist

For three-quarters of a century we have been solving drive problems everywhere where electric drives with high torque's are needed for plant and machinery. Since 1927 we have been located in Esslingen and successful throughout the world. Specialisation in geared motors has paid off for our customers and the company.

Numerous requirements have enabled us to grow.

Precision and technical perfection are only one side of the coin. The deciding factors behind our work are the individual problems of our customers. We regard these as a challenge and offer tailor-made, comprehensive solutions. It is frequently a matter of countering severe operating conditions. Great cold, heat, dust, dirt and spraywater demanded much commitment, know-how and creativity. Today, we as your drive specialists do everything to achieve the optimum for you. Whether it is difficult applications or economic solutions in particular, you can be sure of our commitment.

Wherever you are in the world, we are there, too.

Proximity to our customer, both geographic and psychological, is an important pre-condition for good cooperation. Our highly-qualified advisors, technicians and fitters are working for you round the world. We speak your language - even in the transmitted sense.

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