

Product Overview

Drive Solutions with Bauer Geared Motors



STANDARD

F&B SOLUTIONS

ENERGY EFFICIENCY SOLUTIONS

EX SOLUTIONS

WATER-/WASTEWATER SOLUTIONS

DECENTRAL GEARED MOTOR SOLUTIONS

Helical-Geared Motors

BG Series



Compact and economical inline helical geared motors for long lifetime under arduous conditions.

- Motor power from 0.03 kW to 75 kW
- 13 gearbox sizes for torques from 20 Nm to 18500 Nm
- New attachment possibilities with low design height
- High efficiency through 2 stage base design
- High enclosure IP65 as standard

Worm-Geared Motors

BS Series



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

- Motor power 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
- High enclosure IP65 as standard

Parallel Shaft Geared Motors

BF Series



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

- Motor power from 0.03 kW to 75 kW
- 10 gearbox sizes for torques from 90 Nm to 18500 Nm
- Gearbox housing with integral torque arm
- High efficiency through 2 stage base design
- High enclosure IP65 as standard

Monorail Geared Motors

BM Series



A complete range of geared motors for light and heavy load monorail applications.

- Torques from 30 Nm up to 680 Nm
- Radial force up to 25.000 N
- Flexible mounting on the running gear
- Enclosure IP65 as standard
- Improved efficiency – lower energy consumption – ideal as travelling drives
- Reverse motion of the gearbox is possible

Bevel-Geared Motors

BK Series



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

- Motor power from 0.03 kW to 75 kW
- 10 gearbox sizes for torques from 80 Nm to 18500 Nm
- Right angle gearbox with universal attachment possibilities
- High efficiency through 2 stage base design
- High enclosure IP65 as standard

HiflexDRIVE

Standard Design



The HiflexDrive consists of three gear sizes BK04, BK08 and BK17.

- **Gearbox BK04** ^[3]
Torque ^[1] 80 Nm
Ratios ^[2] 7,25 - 63,33
- **Gearbox BK08**
Torque ^[1] 200 Nm
Ratios ^[2] 4,44 - 102,5
- **Gearbox BK17**
Torque ^[1] 330 Nm
Ratios ^[2] 4,54 - 108,6
- **Motors**
Power rating ^[2] 0,18 kW ... 6,3 kW
Efficiency Classes w/o, IE1 through IE5
Mains supply 110 V ... 690 V, 50/60 Hz
Enclosure IP65 (Standard)

^[1] Torque is dependent on ratio
^[2] Ratio and power is dependent on the motor size
^[3] On request