

**Innovative
Bevel Geared
Motors
Compact
Flexible
Efficient**



GEAR SOLUTIONS

Your Benefit

The high flexibility of our modular system makes solutions for nearly all drive tasks possible and offers you the following added value:

- Low weight
- Easy handling and space saving installation
- Cost reduction in the plant dimensioning
- High efficiency through 2 stage gear design
- Low pass-over height
- Reduced cleaning times through smooth water repellent surfaces
- Mechanical resilience through Stainless Steel Solutions
- Aseptic coatings - therefore resistant against nearly all prevalent industrial cleaning agents
- Gear oil and shaft seals suitable for use together with foodstuffs

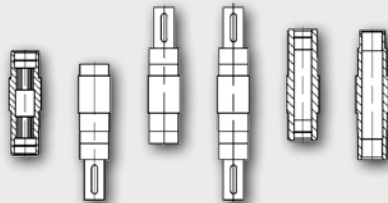
Our Performance

Variance in Materials

- Housing
Aluminium and Stainless Steel
- Shafts
Steel and Stainless Steel

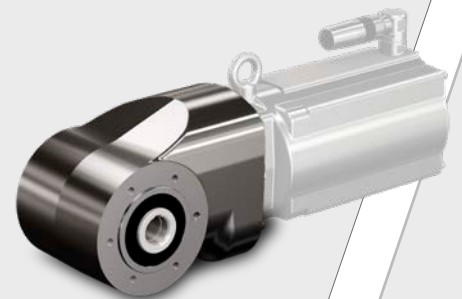
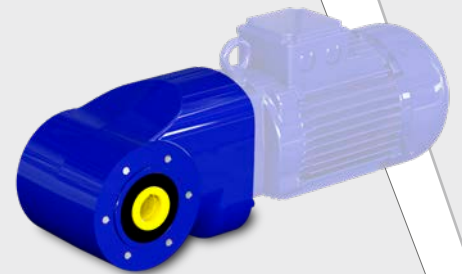
Diversity in Mounting

- Standard design with C-Face
- Optional A-Flange available
- Flexible shaft diameters
- All prevalent shaft types



Well thought-through gear design

- No interference contour
- Form and radius adapted to the logistic industry
- Easy to clean
- Special aseptic coating
- Modular set-up



Flexi

Adapt



TECHNICAL DATA

Power: **0,55 to 3,0 kW**

Torque: **up to 330 Nm**

Ratio range: **4,54 to 108,60:1**

Certifications : **UL, CCC**



bility

MOTOR SOLUTIONS

Our Performance

Motor technologies

- Asynchronous technology
 - Efficiency Class IE1 to IE3
- Permanentmagnettechnology (PSM)
 - Efficiency class IE4
 - Optimised for partial load acc. to EN 50598

Diversity in dimensioning

- Finely graded brake sizes
- Speed feedback
- Duty cycles S1 to S9
- Optimised for inverter duty
- Connection technology
 - Cage Clamp
 - Terminal Board
 - Stainless Steel Connector

Well thought-through motor design

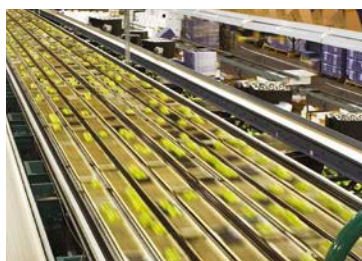
- Variance in housing design
- Easy to clean
- Special aseptic coating
- Modular set-up
- Flexible connection technology
- All enclosures incl. IP 69K

Your Benefit

The competence and flexibility of our own motor manufacturing offers you the following added value:

- Cost reduction through reduced mains power consumption
- Scalable motor technologies for worldwide operation
- Variance of efficiency classes IE1 to IE4
- Drives optimised for partial load
- More as 30% energy saving possible with PSM technology compared to IE3
- Diversity in dimensioning
- Quicker and safer connection
- Material and coatings are FDA compliant
- High process safety as germ and dirt formation is impeded

ability



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The Brands of Altra Industrial Motion

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