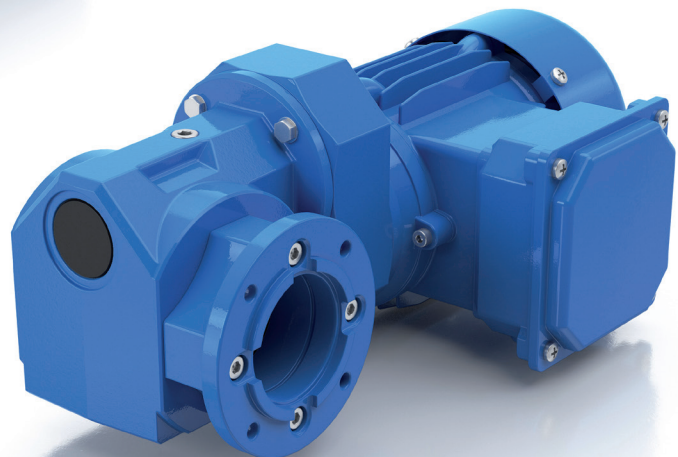
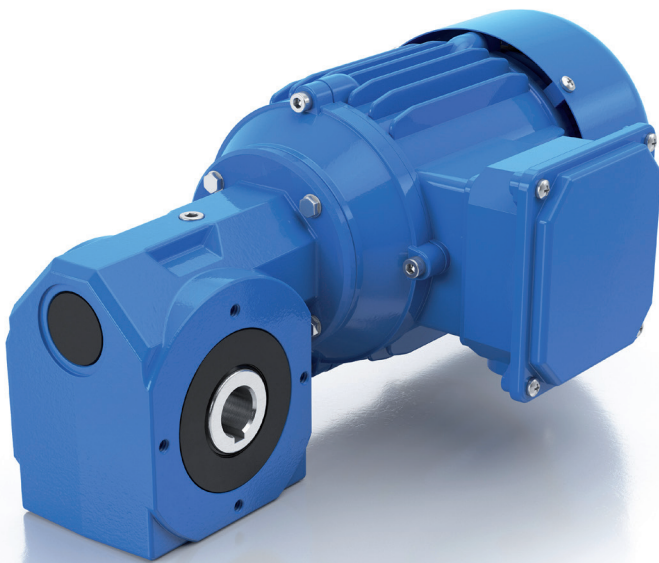




WORM GEARBOXES AND HELICAL WORM GEARBOXES / GEARED MOTORS (SM AND SSM)



**success based on
quality and reliability**

rehfuss.com

HIGH-PERFORMANCE GEARBOX

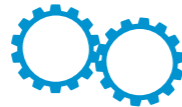
Our worm gears and helical worm gears / motors are high-performance gears with a very high degree of efficiency. All worm shafts are made from case hardened alloy steel and the flanks are precision ground. The worm wheels are made from special centrifugally cast bronze. Helical worm gears are equipped with a helical gear. Worm gears with shrink disc and torque limiter are also part of our standard product range.

Worm gearboxes and helical worm gearboxes type SM and SSM are high-performance gearboxes in universal design. The housings are made from high quality cast aluminium providing an advantage on weight. Nevertheless they are very robust designed. Further type provides lifetime lubrication.



MODULAR SYSTEM

HIGH EFFICIENCY



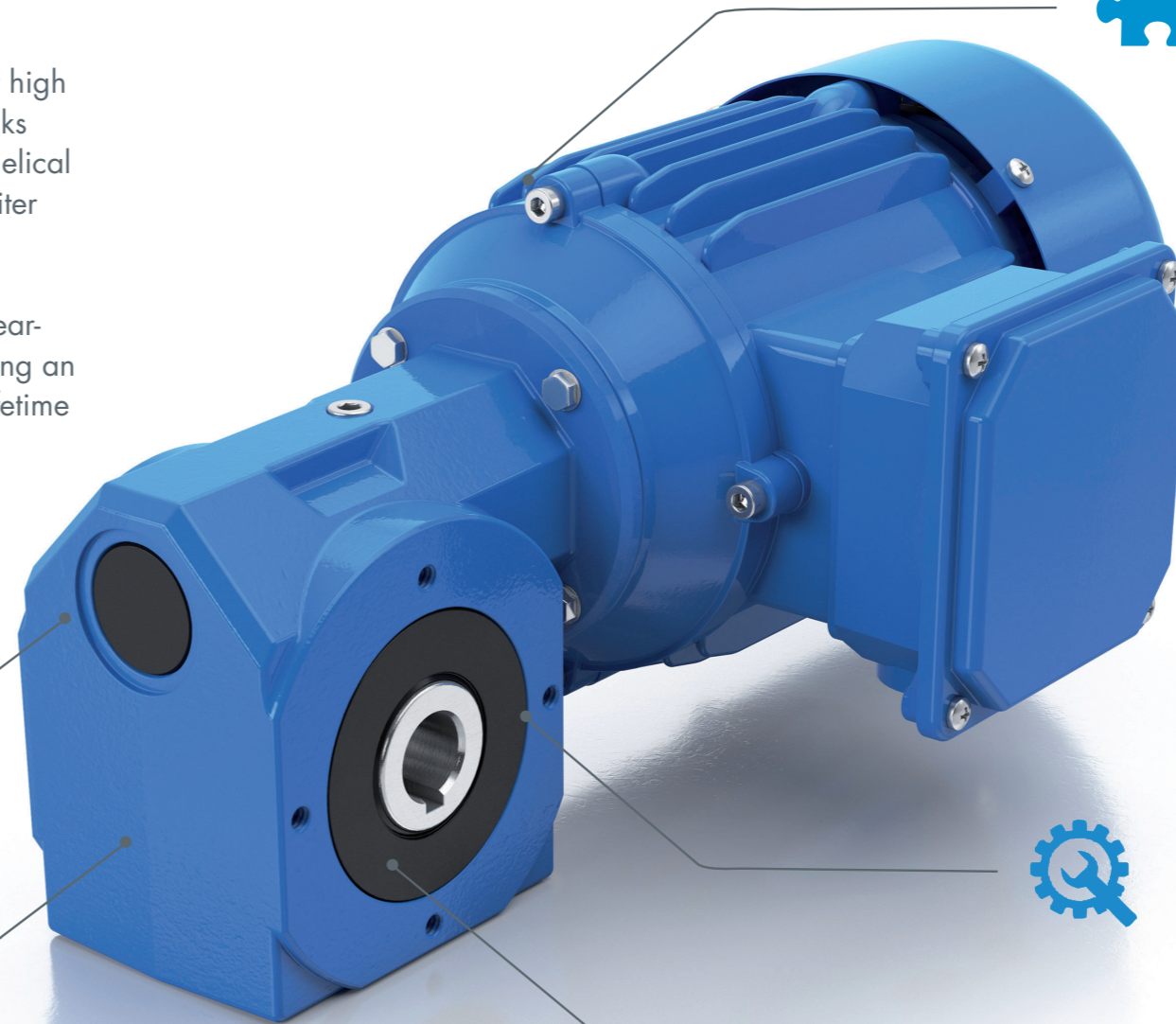
EXCEPTIONALLY LONG SERVICE LIFE



MAINTENANCE-FREE AND LUBRICATED FOR LIFE

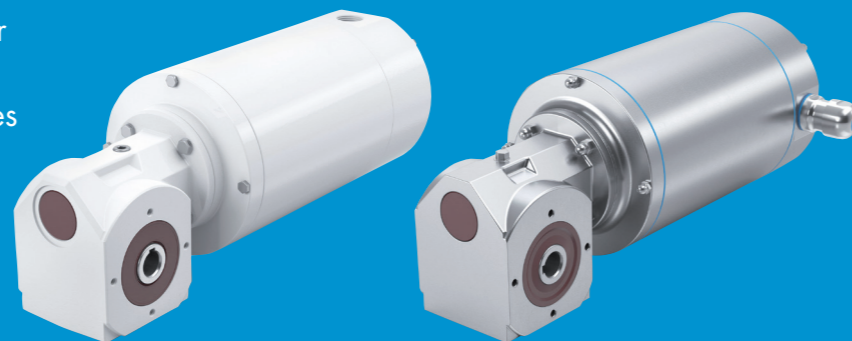


HIGH PROTECTION CLASS



EXECUTION:

- available completely in stainless steel or with a special aluminum coating
- very easy to clean
- especially for applications in the hygiene area
- combined with our Smooth Body Motor
- Areas of application are in the food, beverage and pharmaceutical industries



CHARACTERISTICS:

- Optimised size/performance ratio
- Designed for permanent operation under rough conditions
- Extreme torsional resistance and low noise
- Case hardened worm shafts and worms with precision ground flank
- Helical worm gearboxes equipped with helical gear wheel
- Worm wheels produced from centrifugally cast bronze
- High efficiency through the use of synthetic oil (lifetime lubrication)
- Space saving angular drive

OPTIONS:

- Basic mounting, flange mounting or universal design
- Output shaft available as solid shaft or hollow shaft
- Torque arm
- IEC-standard motor mounting
- NEMA-version
- ATEX specification
- Shrink disc at hollow shaft
- Lubricants suitable for the food industry

PERFORMANCE DATA:

| Character | Value | Unit |
|--------------|---------------|------|
| Power range | up to 4 | kW |
| Torque range | up to 440 | Nm |
| Ration range | 3.5 - 734,560 | i |

AREAS OF APPLICATION:

- Packaging machines
- Conveyor technology
- Agitators
- Storage technology
- Pharmaceutical technology
- Systems for the automotive industry



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