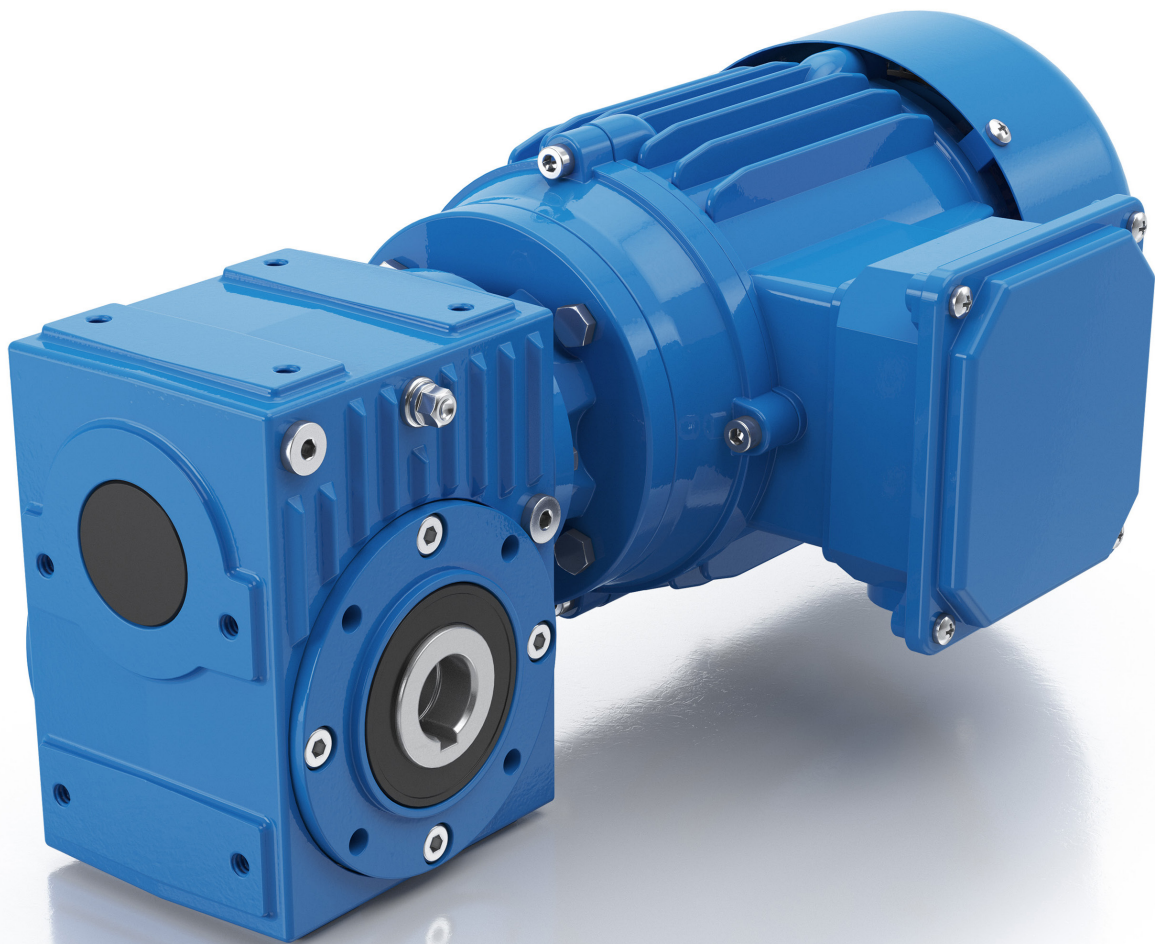




# Worm gearboxes and helical worm gearboxes / geared motors (S and SS)



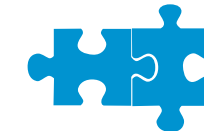
**success based on  
quality and reliability**

**[rehfuss.com](http://rehfuss.com)**

## GAME ADJUSTABLE GEARBOX

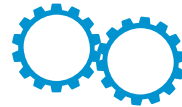
Our worm gearboxes and helical worm gearboxes/motors are high-performance gearboxes with very high levels of efficiency. All worm shafts are case-hardened and have ground flanks. The worm wheels are made from a particularly wear-resistant special bronze. Helical worm gearboxes have a helical gear stage upstream of the worm gearbox.

The housing parts are made of high-quality gray cast iron. The strong walls and internal ribbing result in torsion-resistant and noise-damping gearbox housings. The external ribbing ensures rapid heat dissipation.



MODULAR SYSTEM

HIGH EFFICIENCY



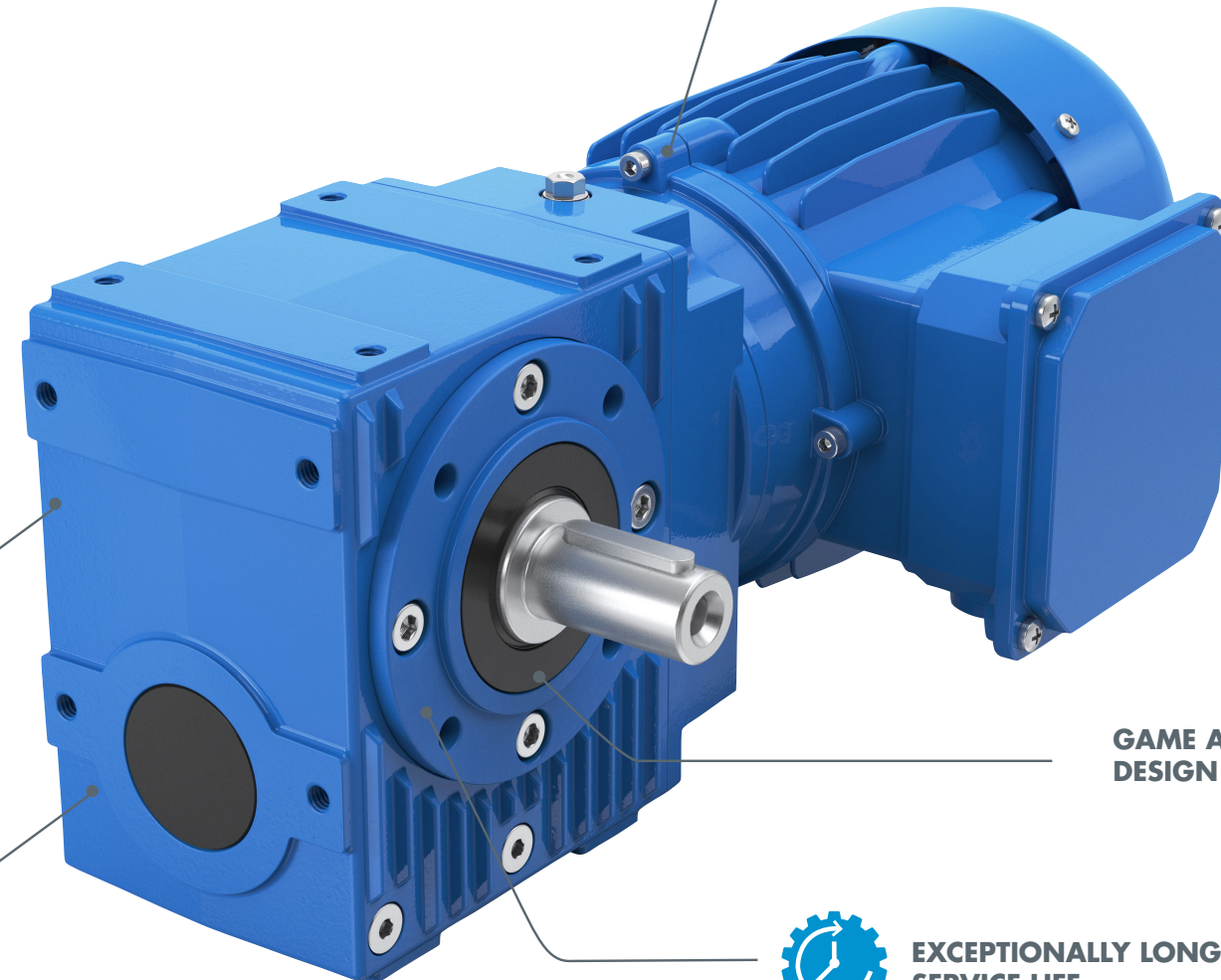
PROTECTION CLASS UP TO IP68



GAME ADJUSTABLE DESIGN

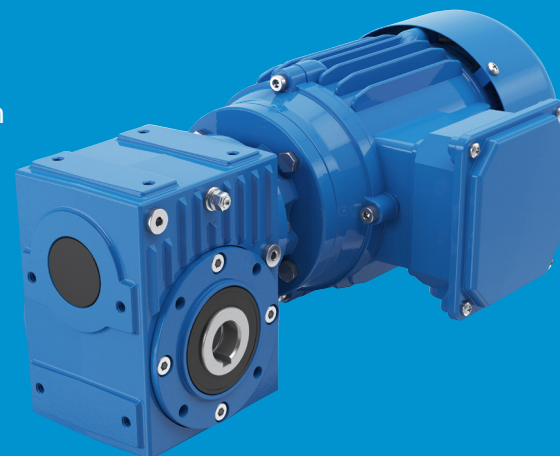


EXCEPTIONALLY LONG SERVICE LIFE



### OPTIONS:

- Basic mounting, flange mounting or universal design
- Output shaft available as solid shaft or hollow shaft
- Shrink disc, torque limiter, as well as adjustable backlash
- Second shaft end for fitting encoders or brakes
- Torque arm
- IEC standard motor mounting
- Free input shaft
- ATEX specification



### CHARACTERISTICS

- Optimised size/performance ratio
- Designed for permanent operation under rough circumstances
- Extreme torsional resistance and low noise
- Housing produced from high quality grey cast iron with rugged walls and internal ribbing
- Case hardened worm shafts and worms with precision ground flanks
- Worm wheels made from wear-resistant special bronze
- Space saving angular drive
- Helical worm gearboxes have a helical gear stage in front of them



## PERFORMANCE DATA:

Character	Value	Unit
Power range	up to 9.2	kW
Torque range	up to 1,190	Nm
Ratio range	4.830 - 457.778	i

## AREAS OF APPLICATION:

- Filling systems
- Chemical industry
- Construction machinery
- Assembly technology
- Textile machines
- Machine tools

