



SHAFT MOUNTED GEARBOXES AND GEARED MOTORS



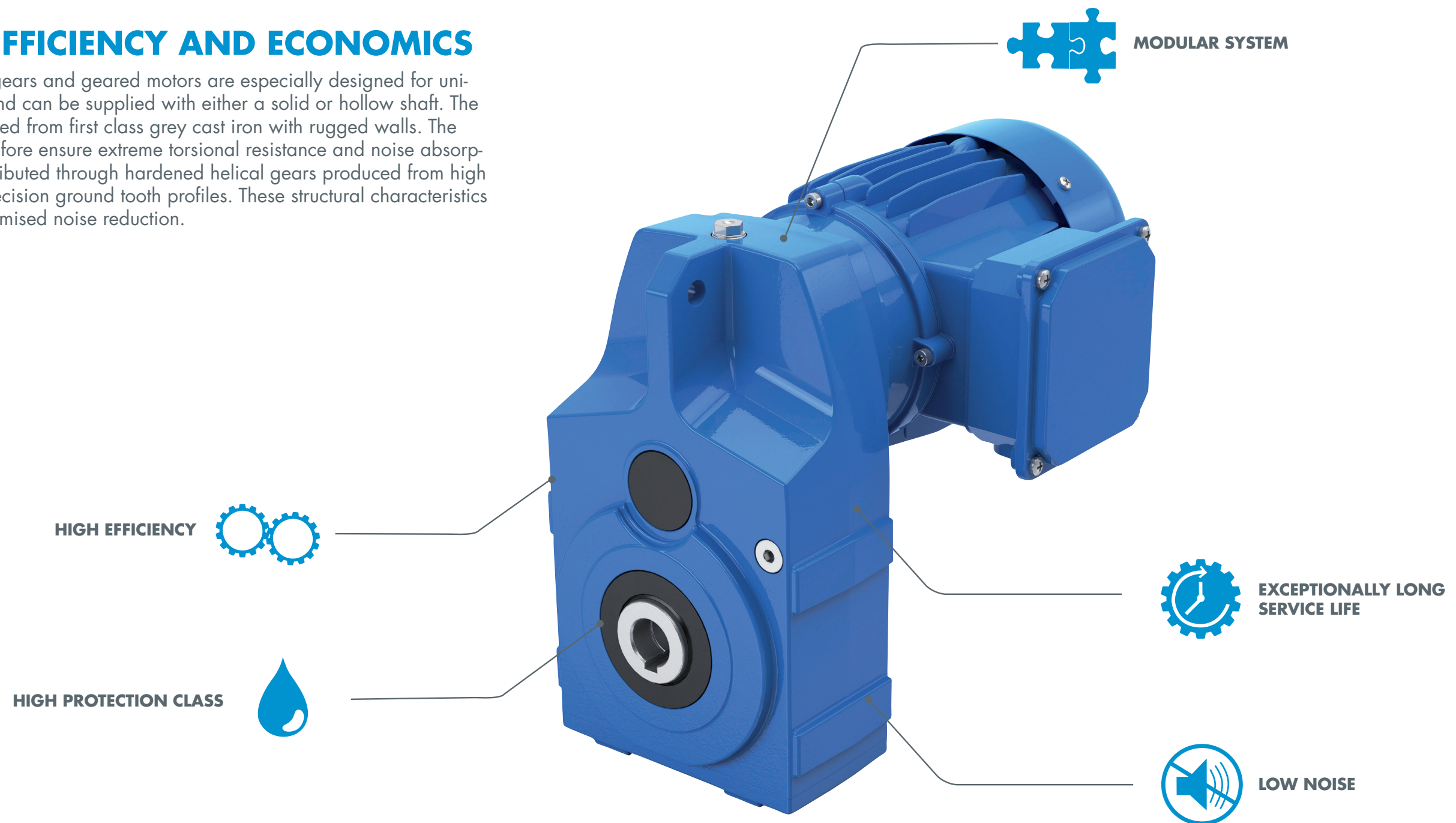
**success based on
quality and reliability**



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HIGHEST EFFICIENCY AND ECONOMICS

Our shaft mounted gears and geared motors are especially designed for universal application and can be supplied with either a solid or hollow shaft. The housings are produced from first class grey cast iron with rugged walls. The product design therefore ensure extreme torsional resistance and noise absorption. Forces are distributed through hardened helical gears produced from high quality steel with precision ground tooth profiles. These structural characteristics further reinforce optimised noise reduction.



EXECUTION:

- Aluminum (only FG210)
- Optionally with a special coating
- 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:

- Optimum size/performance ratio
- Designed for permanent operation under rough conditions
- Housing produced from high quality grey cast iron with rugged walls or aluminium cast (only FG210)
- Allows high axial and radial forces on the output shaft
- Extreme torsional resistance
- Hardened helical gears produced from high quality steel with precision ground tooth profiles
- Various mounting positions

OPTIONS:

- Basic mounting, flange mounting or universal design
- Solid or hollow output shaft
- Output possible on various sides
- Various mounting positions
- Torque arm
- IEC standard motor mounting
- Shrink disc at hollow shaft
- NEMA version
- Free input shaft
- ATEX execution
- Lubricants suitable for the food industry

PERFORMANCE DATA:

Character	Value	Unit
Power range	up to 9,2	kW
Torque range	up to 800	Nm
Ratio range	3.514 - 100.919	i

AREAS OF APPLICATION:

- Cranes
- Presses
- Autodrives
- Agitator
- Screw conveyor
- Conveyor technology