

Helical Single-Stage



S Series

The S Series design makes this gearmotor particularly effective for pump, fan and blower applications. To meet the needs of customers in these sectors, the S Series is also available in the foot or flange versions and can be completed with a wide range of electric motors entirely manufactured by Bonfiglioli. Asynchronous motors both IEC and compact (B-BE-BX/M-ME-MX), servomotors (BMD) and reluctance motors (BSR) can be coupled with the S Series. With the breadth of its portfolio, Bonfiglioli provides customers with an outstanding balance of efficiency, dynamics and cost effectiveness.

Gear ratios

- 1.4 ... 13.1

Mechanical rating

- 0.09 ... 11.6 kW

Motors

- Input with solid shaft
- Input with e-motor coupling:
 - M, ME, MX (compact asynchronous)
 - BSR (IEC reluctance)
 - BN, BE, BX (IEC asynchronous)
 - BS (IEC single phase)

Motor options

- Thermistors and thermostat sensors
- Independent forced cooling
- Incremental, sin/cos absolute single/multi-turn encoders
- Tropicalization
- Anti-condensation heaters

Main options

- Double oil seals
- Fluoroelastomer seals
- Reduced backlash
- Up to C5 surface protection

Key benefits

- Minimized mounting space
- Robustness
- Reduced standard backlash
- Highly dynamic, energy-saving solution
- Wide output speed selection range
- Gearboxes can operate safely in explosive environments

Key features

- Essential design
- Compact motor coupling
- Unibox housing
- Forced gearshaft coupling
- Servomotor coupling

Torque (Nm)

