Submersible Pumps

GRUNDFOS SP

The Grundfos SP pumps feature superior hydraulic design in a high efficiency and corrosion resistant product. Invented in 1967, the SP pump was the first ever stainless steel submersible pump – and to this day it remains the benchmark in the market.

Key Features and Benefits

• Available in 4, 6, 8 and 10 inch diameter versions for a wide range of applications
• Octagonal discharge design ensures better engagement with a pipe wrench for easier and safer attachment to the drop pipe
• Screw mounted cable guard attachment to ensure a secure fit
• Built-in check valve to minimize the risk of water hammering
• Corrosion resistant, robust stainless steel construction: 304, 316, 904L
• Wear resistance via less abrasive wear Octagonal bearings and sand flush channels that remove particles with the pumped water; sand resistance is further increased by using the bearing offering longer life in sandy environments
• Optimized hydraulics ensure increased performance and higher efficiency
• Viton and Teflon parts make the SP suitable for aggressive water conditions
• Stop ring protects the pump in case of up thrust

MS and MMS Submersible Motors: Made to Match the Pump

• Canned MS motors, 4” and 6”, up to 40 HP (30 kW)
• Rewindable MMS motors, 6”-10”, up to 250 HP (187 kW)
• Water-filled motors
• Overheating protection with Tempcon (MS) or Pt 100/1000 on request
• Mechanical ceramic/carbon shaft seal - SiC/SiC shaft seal optional for high sand resistance
• Warm water versions available - up to 140°F (60°C)

APPLICATIONS

• Water supply
• Irrigation
• Fountains
• Reverse osmosis
• Dewatering
• Groundwater lowering
**SP Technical Data**

**SP Information**
- Flow, Q: max. 1400 gpm (318 m³/h)
- Head, H: max. 2800 ft. (853 m.)
- Liquid temp: 32°F to 140°F (0°C to 60°C)

---

The name Grundfos, the Grundfos logo, and be think innovate are registered trademarks owned by Grundfos Holding A/S or Grundfos A/S, Denmark. All rights reserved worldwide. L-SP-SL-002 04-17

www.grundfos.us
www.grundfos.ca
www.grundfos.mx