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

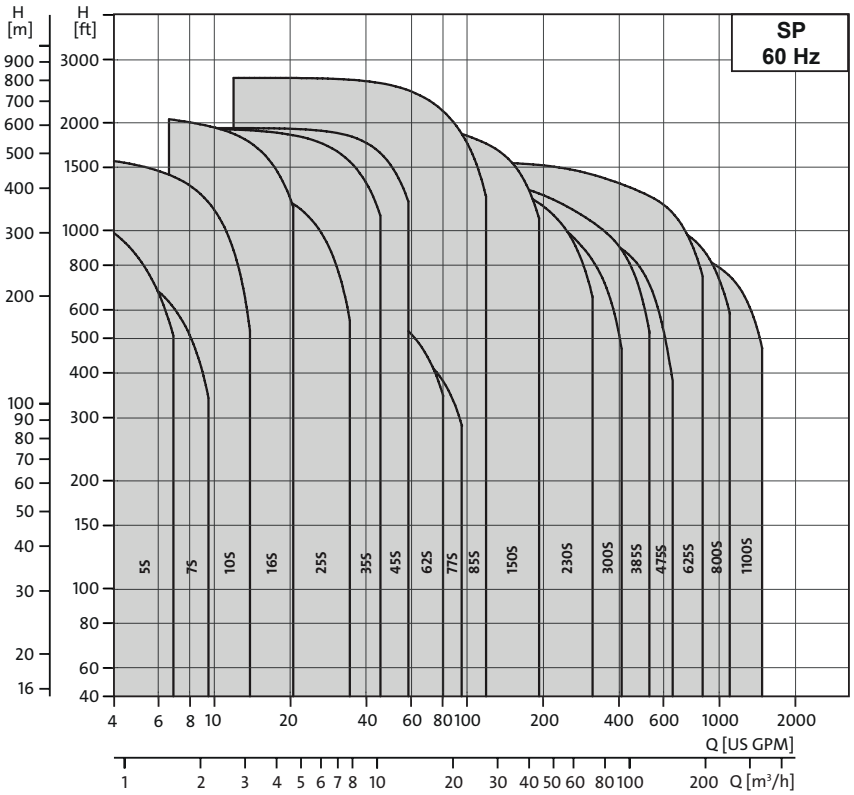
- Canned MS motors, 4" and 6", up to 40 HP (30kW)
- Rewindable MMS motors, 6"-10", up to 250 HP (187 kW)
- Water-filled motors
- Overheating protection with Tempcon (MS) or Pt 100/1000 on request
- Mechanical ceramic/carbon shaft seal - SiC/SiC shaft seal optional for high sand resistance
- Warm water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



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