

MODEL SP-400 PUMP SPECIFICATIONS

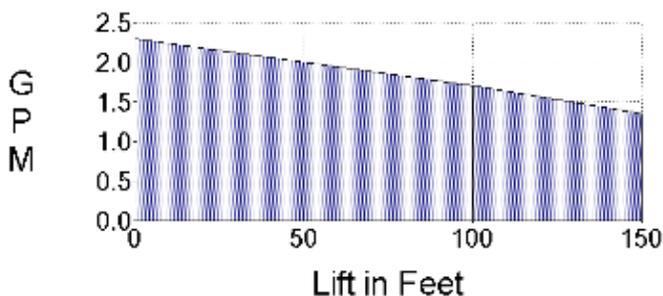
Our electric submersible pump is constructed of stainless steel and Teflon® and operates on the positive displacement. Two Teflon® gears sit in a stainless steel cavity and displace the water up the hose in a steady stream. Teflon® is used for the rotors in the interest of purity however they are the only component on the pump that requires any routine maintenance. Teflon® rotors are field replaceable (the operator only needs a pair of needle nose pliers and a screwdriver) and they are reasonably priced at \$25 per set. Lifespan of these rotors is 100 hours in clear water; less hours depending on turbidity.

The pump's low rpm electric motor won't disturb the sample. The motor operates on 36VDC. No cool down period is necessary as long as the pump is immersed in water. The efficient motor generates little heat - no cooling shroud is required!

We also offer an optional detachable check valve. This stainless steel and Teflon® quick connect coupling can easily be installed or removed depending on sampling requirements.

- Diameter: 1.75"
- Length: 9.16"
- Weight: 2.5 lbs.
- Materials: 304 Stainless Steel
Teflon® Rotors
Viton Housing seal
Carbon motor seal
- Lift Capacity: 150'

Pump Curve



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SP-400 on 36V

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