



SQ SERIES
ALL 304 SS - DEWATERING PUMPS

SPECIFICATIONS

FEATURES

- 1. Semi-open, 304 Stainless steel impeller with replaceable/ adjustable wear plate increases wear resistance when pumpage contains abrasive particles.
- 2. Double inside mechanical seals with silicon carbide faces, running in an oil filled chamber and further protected by a lip seal running against a replaceable, 304 stainless steel shaft sleeve, provides for the most durable seal design available.
- 3. Highly efficient, continuous duty air filled, copper wound motor with class E insulation, minimizes the cost of operation.
- 4. Built in thermal & amperage sensing, protector prevents motor failure due to overloading or accidental run - dry conditions.
- 5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours, extend operational life.
- 6. Top discharge, flow-thru design enables operation at low water levels for extended periods.

APPLICATIONS

- 1. Residential, commercial, industrial wastewater and construction site drainage.
- 2. Chemical spill containment.
- 3. Decorative waterfalls, fountains and fish ponds.
- 4. Raw water supply from rivers or lakes.



SPECIFICATIONS

Discharge Size.....
 Horsepower Range.....
 Performance Range Capacity.....
 Head.....
 Maximum Water Temperature.....
 Materials of Construction
 Casing.....
 Impeller.....
 Shaft.....
 Motor Frame.....
 Fasteners.....
 Mechanical Seal
 Upper Seal.....
 Lower Seal.....
 Elastomers.....
 Impeller Type.....
 Solids Handling Capability.....
 Motor Nomenclature
 Type, Speed, Hz.....
 Voltage, Phase.....
 Insulation.....
 Bearings.....
 Accessories.....
 Operational Mode.....

STANDARD

2" Npt (50 mm)
 0.5 ~ 1.0 hp (0.4 ~ 0.75 kW)
 20 ~ 90 Gpm. (.075 ~ .34 m³/min)
 7 Ft. ~ 45 Ft. (2.1 ~ 13.7 m)
 104 °F. (40 °C.)
 304 Stainless Steel
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 Silicon Carbide/Carbon
 Silicon Carbide/Carbon
 NBR (Nitril Rubber)
 Semi-Open
 1/4" (6 mm)
 Air Filled, 3600 Rpm, 60 Hz.
 115 V. or 230 V., 1 Phase
 208/230/460/575 V., 3 Phase
 Class E
 Pre-lubricated, Double Shielded
 Submersible Power Cable 32' (10 m)
 Manual

OPTIONS

Length as Required
 TS-301 Float Switch