



**SQ - SERIES**  
**ALL 304 SS - DEWATERING PUMP**

**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, 430 stainless steel shaft sleeve, provides for the most durable seal design available.
2. 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  
Elastomers  
  
Impeller Type  
Solids Handling Capability  
  
Motor Nomenclature  
Type, Speed, Hz.  
Voltage, Phase  
  
Insulation  
Bearings  
  
Accessories  
  
Operational Mode

**STANDARD**

2" Npt (50 mm)  
1/ 2 ~ 1Hp. (.4 ~ .75 kW)  
14.5 ~ 79.3 Gpm. (.06 ~ .30 m<sup>3</sup>/min)  
13.1 Ft. ~ 50.9 Ft. (4.0 ~ 15.5 m)  
  
104° F. (40° C.)  
  
304 Stainless Steel  
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Silicon Carbide  
NBR (Nitril Butadien Rubber)  
  
Semi-Open, solids handling.  
0.236" (6 mm)  
  
Air Filled, 3600 Rpm, 60 Hz.  
115 V. or 230 V., (1 Phase)  
208-220, 230, 440 or 460 V. (3Phase)  
Class E  
Pre-lubricated, Double Shielded  
  
Submersible Power Cable 32' (10 m)  
  
Manual

**OPTIONS**

Length as Required  
TS-301 Float Switch