**Submersible Pump**

**Electric Motor Driven**


**Size 3”**

**PUMP SPECIFICATIONS**

- **Diffuser:** Ductile Iron No. 80-60-03; Maximum Operating Pressure 71 psi (5,0 kg/cm²).*
- **Impeller:** Ductile Iron No. A536.
- **Suction Head:** Ductile Iron No. A536.
- **Intermediate:** Aluminum Alloy No. 356-T6.
- **Motor Housing:** Aluminum Alloy No. 356-T6.
- **Rotor Shaft:** Stainless Steel Type 416.
- **Bearings:** Upper, Open Single Row Ball Bearing. Lower, Open Double Row Ball Bearing.
- **Discharge Elbow:** Aluminum Alloy No. 356-T6.
- **Gaskets:** Cork with Nitrile Binder (NC710).
- **Wetted Hardware:** Standard Plated Steel and Stainless Steel.
- **Strainer:** Urethane Coated Steel; 50.6% Open Area, 0.375” (9.5 mm) Diameter Openings.
- **Hoisting Bail:** Urethane Coated Steel.

**Standard Equipment**

- NEMA Type 3R Rainproof Control Box. Provides On-Off, Circuit Breaker and Motor Overload Protection. (See Section130, Pages 80 and 85.)

**Optional Equipment**

- **Liquid Level Control**
  - a. Turtle Type Pressure Activated Level Switch. (See Sec.130, Page 150.)
  - b. Float Activated Level Switch. (See Sec.130, Page 150.)
- **Staging Adapter Kit:** Part No. 49272-003.

**MOTOR/CABLE SPECIFICATIONS**

- **Motor:** Oil Filled Enclosure; 5.0 H.P.; 3450 R.P.M.;
  - Single Phase: 230 Volt, 60 Hz, 28 Full Load AMPS, 5.4 kW (Max.)
  - Three Phase: 200/230/460/575 Volt, 60 Hz, 18/16/8/6.5 Full Load AMPS, 5.3 kW (Max.)
- **Power Cable:** Type SO/SOOW; 10 AWG. 3 Conductor, Plus 1 Ground. Nominal Length 50 Feet (15 m). Standard. (Specify Alternate Length at Time of Order.)

**Recommended Generator Size:** 15 kW.

**SEAL SPECIFICATIONS**


Maximum Temperature of Liquid Pumped 122°F (50°C).*

* Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.
Net Weight: 145 LBS. (65.8 KG.)  
Shipping Weight: 160 LBS. (72.6 KG.)  
Export Crate Size: 7.6 CU. FT. (0.22 CU. M.)

Specifications Subject to Change Without Notice  
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