



Submersible Pump

Model S4J1-E60

Size 4"

PUMP SPECIFICATIONS

- Diffuser:** Aluminum Alloy 356-T6 w/Urethane Bonded Lining.
- Impeller:** G-R Hard Iron.
- Adjustable Suction Head:** Aluminum Alloy 356-T6 w/Urethane Bonded Lining. Maximum Operating Pressure 252 psi (1738 kPa).*
- Seal Plate:** Aluminum Alloy 356-T6 w/Urethane Bonded Lining.
- Motor Housings:** Aluminum Alloy 356-T6.
- Motor Shaft:** Stainless Steel 17-4 PH.
- Bearings:** Upper, Two Synthetic Seals, Single Row Ball Bearing.
Lower, Two Shields, Double Row Ball Bearing.
- Discharge Flange:** Gray Iron 30.
- Gaskets:** Cork with Nitrile Binder (NC710).
- O-Rings:** Buna-N.
- Wetted Hardware:** Standard Plated Steel and Stainless Steel.
- Strainer:** Urethane Coated Steel; 48% Open Area, 0.50" (12,7 mm) Diameter Openings.
- Base Plate:** Aluminum Alloy 356-T6.
- Hoisting Bail:** Urethane Coated Steel.

Standard Equipment

NEMA Type 3R Rainproof Control Box: [\(See Section 130, Page 90.\)](#)
Provides On-Off, Circuit Breaker and Motor Overload Protection.

Staging Adapter.

Optional Equipment

- Liquid Level Control:** [\(See Sec. 130, Page 150.\)](#)
 - a. Turtle Type Pressure Activated Level Switch.
 - b. Float Activated Level Switch.

MOTOR/CABLE SPECIFICATIONS

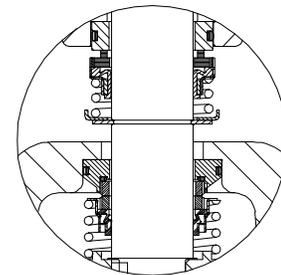
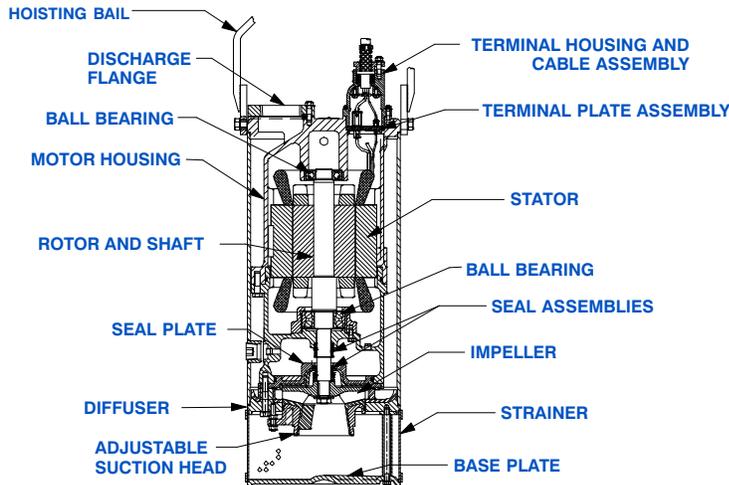
- Motor:** Air Filled Enclosure with Thermal Overload Protection; 60 H.P.; 3450 R.P.M. Three Phase, 460/575 Volt, 60 Hz, 66.0/52.8 Full Load AMPS, 48 kW (Max.).
- Power Cable:** 9 Wire; Type SPC; (3) 6 AWG. Power Conductors, (1) 6 AWG. Ground Conductor, (4) 14 AWG. Control Conductors and (1) 8 AWG. Ground Check. Nominal Length 50 Feet (15 m) Standard. *(Specify Alternate Length at Time of Order.)*
- Recommended Generator Size:** 150 kW Across the Line Start. 75 kW for Reduced Voltage Starting.

**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*



WARNING!

Do not use in explosive atmosphere or for pumping volatile flammable liquids.



SEAL SPECIFICATIONS

- Tandem, Oil Lubricated.
- Upper Seal:** Type 21, Mechanical. Carbon Rotating Face. Ni-Resist Stationary Face. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring.
- Lower Seal:** Type 2, Mechanical. Silicon Carbide Rotating Face and Tungsten Titanium Carbide Stationary Face. Stainless Steel 316, Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring.

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



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Specifications Subject to Change Without Notice

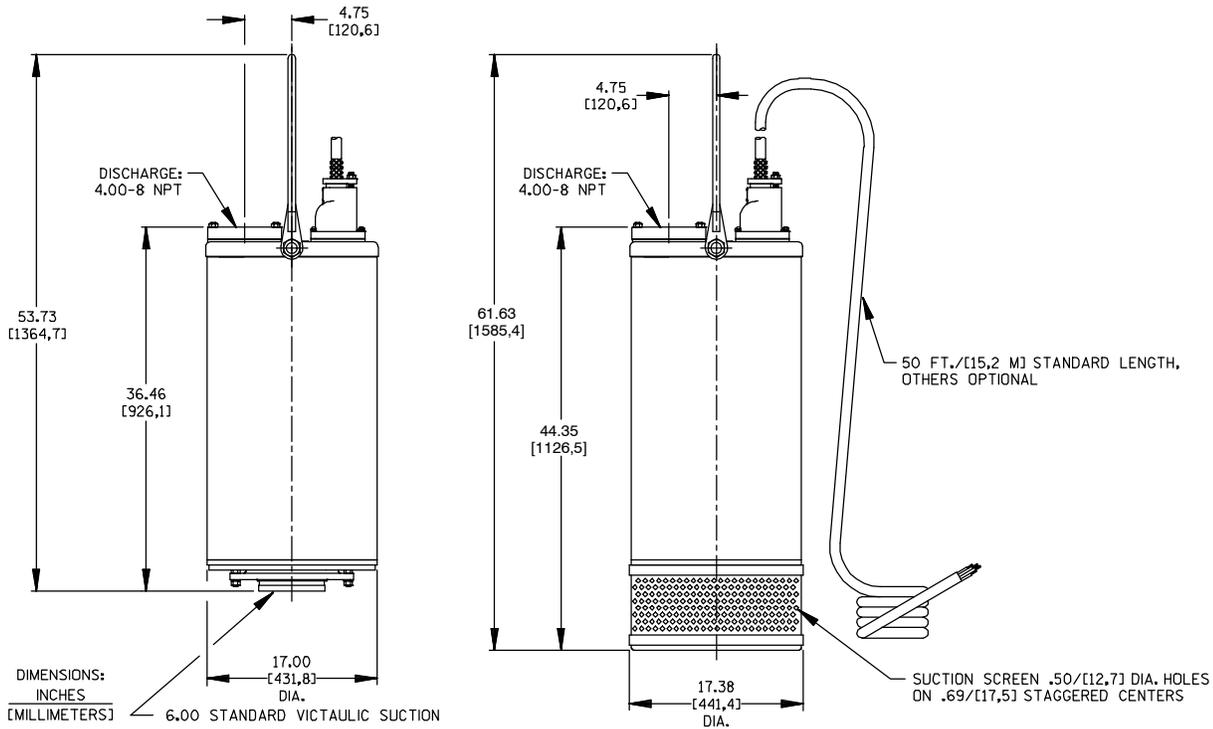
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Specification Data

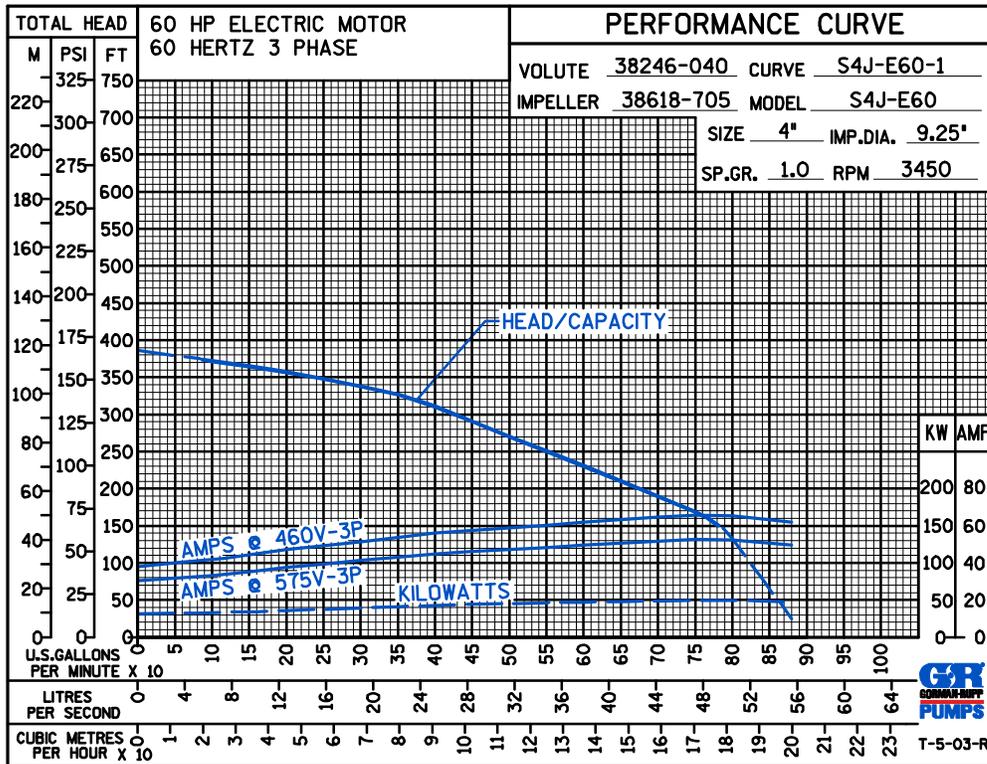
APPROXIMATE DIMENSIONS and WEIGHTS

PUMP & CABLE NET WEIGHT: 800 LBS. (362,9 KG.)
GROSS SHIPPING WEIGHT: 901 LBS. (408,7 KG.)
EXPORT CRATE: 24.0 CU. FT. (0,68 CU. M.)

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