



Submersible Pump

Model S4G1-E30

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 172 psi (1186 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.

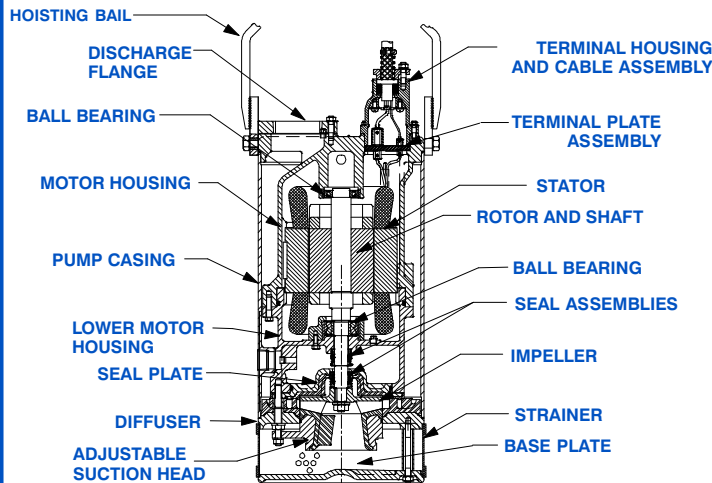
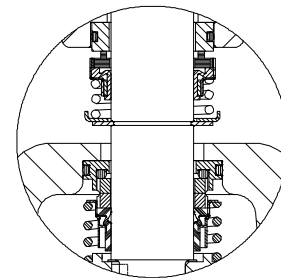
MOTOR/CABLE SPECIFICATIONS

Motor: Air Filled Enclosure with Thermal Overload Protection; 30 H.P.; 3450 R.P.M. Three Phase: 460/575 Volt, 60 Hz, 38.5/30.8 Full Load AMPS, 27.8 kW (Max.).
Power Cable: 9 Wire; Type SPC; (3) 8 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: 60 kW Across the Line Start. 40 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

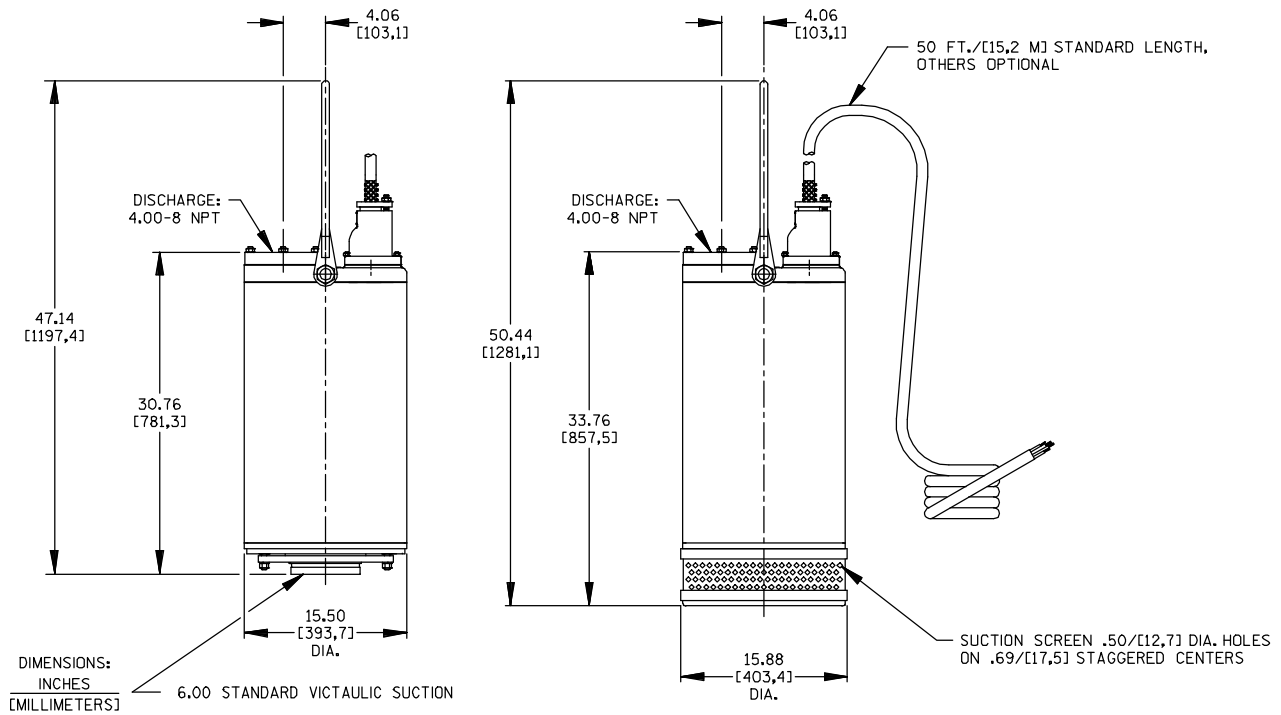
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Specification Data

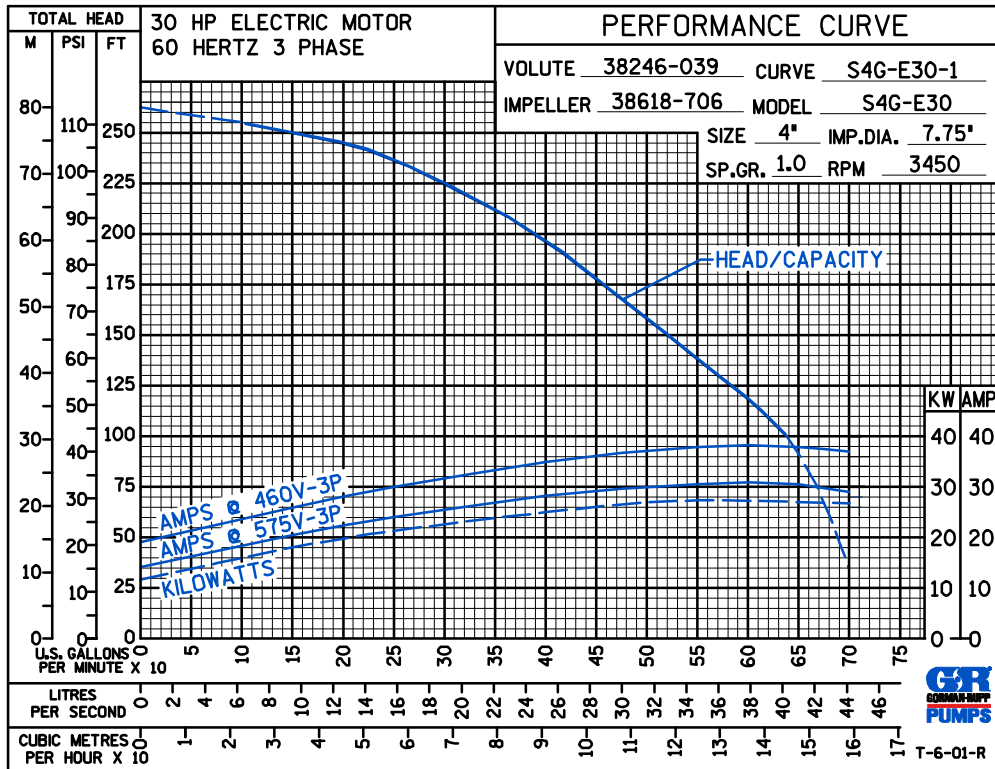
APPROXIMATE
DIMENSIONS and WEIGHTS

PUMP & CABLE NET WEIGHT: 415 LBS. (188,2 KG.)
GROSS SHIPPING WEIGHT: 490 LBS. (222,3 KG.)
EXPORT CRATE: 19.0 CU. FT. (0,53 CU. M.)

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