

Electric Motor Driven Stainless Steel Fitted Submersible Pump



Model S2B18

Size 2"

PUMP SPECIFICATIONS

- Suction Casing:** Stainless Steel CD4MCu; Maximum Operating Pressure 39 psi (269 kPa).*
- Impeller:** Stainless Steel CD4MCu.
- Seal Plate:** Stainless Steel CD4MCu.
- Intermediate:** Aluminum Alloy 356-T6.
- Motor Housing:** Aluminum Alloy 356-T6.
- Motor Shaft:** Stainless Steel 17-4 PH.
- Bearings:** Upper and Lower, Open Single Row Ball.
- Discharge Flange:** Aluminum Alloy 356-T6.
- Gaskets:** Cork with Nitrile Binder (NC710).
- O-Rings:** Buna-N.
- Wetted Hardware:** Stainless Steel 316.
- Strainer:** Stainless Steel 303/304, 52% Open Area, 0.375" (9,5 mm) Diameter Openings.
- Hoisting Bail:** Urethane Coated Steel.
- Standard Equipment:**
NEMA Type 3R Rainproof Control Box. (See Section 130, Pages 80 and 85.)
Provides On-Off, Circuit Breaker and Motor Overload Protection.
- Optional Equipment:**
Liquid Level Control: (See Sec. 130, Page 150.)
a. Turtle Type Pressure Activated Level Switch.
b. Float Activated Level Switch.



Staging Adapter Kit.

MOTOR/CABLE SPECIFICATIONS

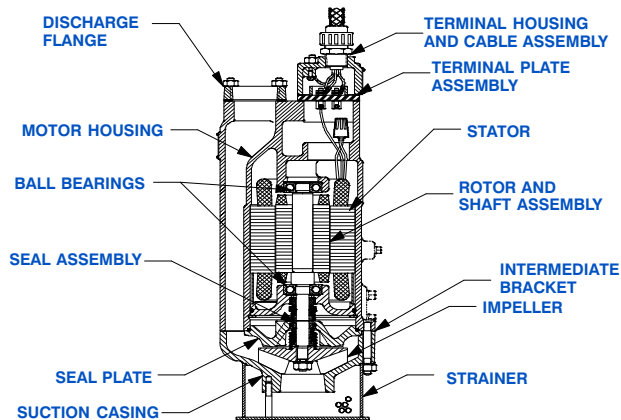
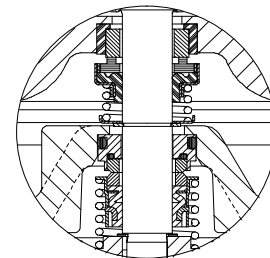
- Motor:** Oil Filled Enclosure. 2.0 H.P.; 3450 R.P.M.; 60 Hz.
- Single Phase:** 115/230 Volt, 28.0/12.0, Full Load AMPS, 2.6/2.4 kW (Max.)
- Three Phase:** 230/460/575 Volt, 7.2/3.6/2.9 Full Load AMPS, 2.2 kW (Max.)
- Power Cable:**
(115V) 4 Wire; Type G-GC; 8 AWG; 3 Power Conductors, Plus 1 Ground.
(230V, 460V and 575V) 14 AWG; 4 Wire; Type SO/SOW/SOOW/SEOW/SEOOW; 3 Power Conductors, Plus 1 Ground.
Nominal Length 50 Feet (15 m) Standard.
(Specify Alternate Length at Time of Order.)

Recommended Generator Size: 6 kW Across the Line Start.

* 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:** Type 21 Mechanical. Carbon Rotating Face. Ceramic Stationary Face. Buna-N Elastomers. Stainless Steel 18-8 Cage and Spring.
- Lower:** Type 2 Mechanical. Tungsten Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 316 Cage, Spring and Stationary Seat.

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



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Specifications Subject to Change Without Notice

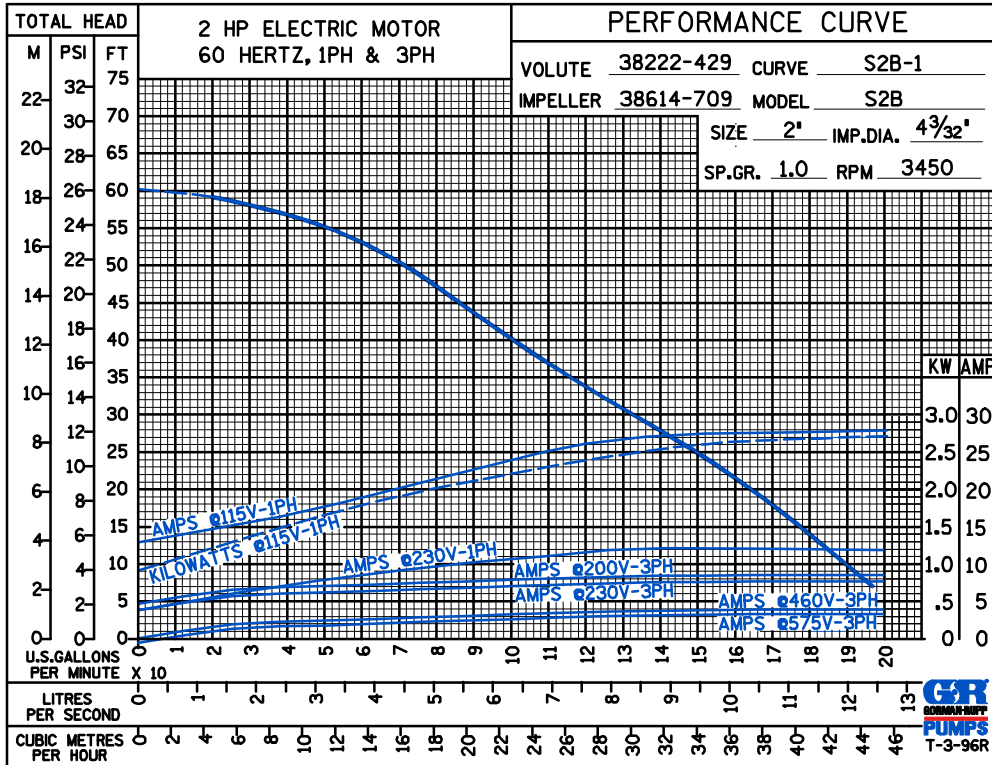
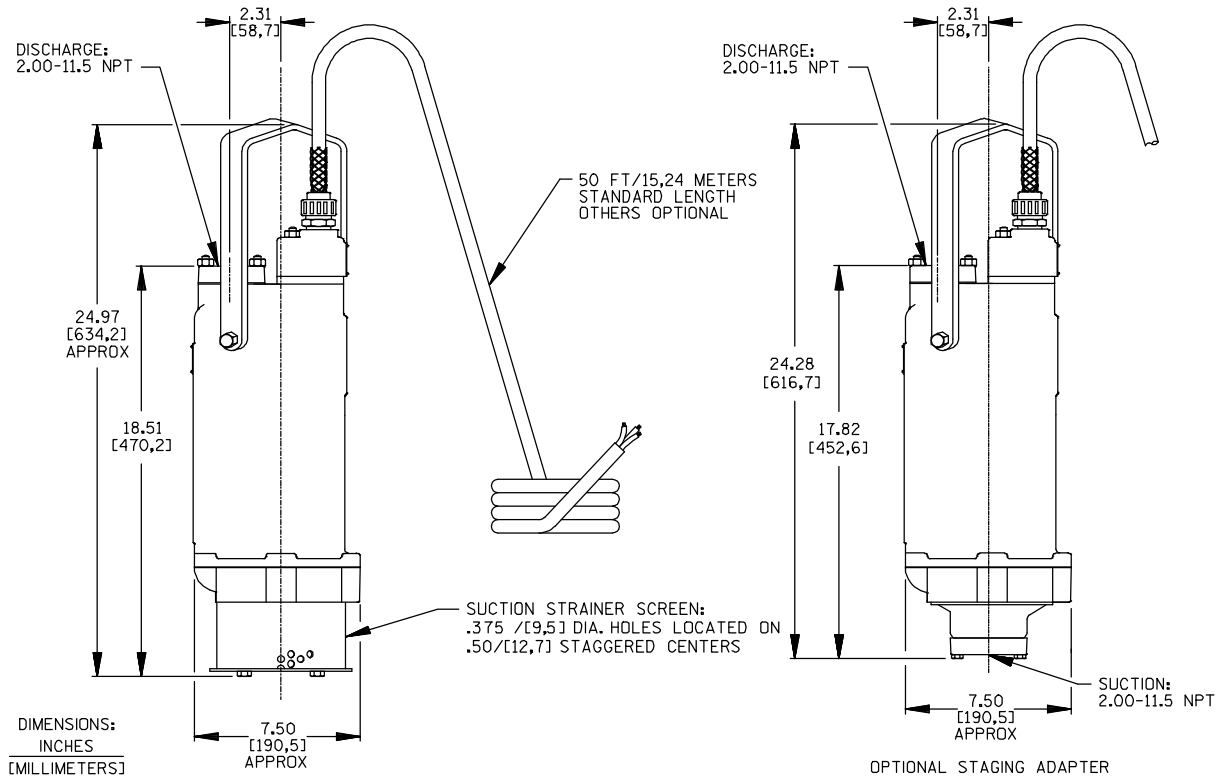
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Specification Data

SECTION 130, PAGE 420

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 98 LBS. (44,5 KG.)
SHIPPING WEIGHT: 108 LBS. (49,0 KG.)
EXPORT CRATE: 5.0 CU. FT. (0,14 CU. M.)



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