

ACU



Submersible Pump

Electric Motor Driven

Models S4C1-E10 200/3, S4C1-E10 230/3,
S4C1-E10 460/3 and S4C1-E10 575/3

Size 4"



PUMP SPECIFICATIONS

- Diffuser: G-R Hard Iron; Maximum Operating Pressure 73 psi (5.1 kg/cm²)*
- Impeller: G-R Hard Iron.
- Wear Plate: Carbon Steel Grade 1045.
- Seal Plate: G-R Hard Iron.
- Intermediate: Aluminum Alloy No. 356-T6.
- Pump Casing: Aluminum Alloy 6061-T6 with Chromicoat.
- Motor Housing: Aluminum Alloy No. 356-T6.
- Rotor Shaft: Stainless Steel Type 416.
- Shaft Sleeve: Stainless Steel Type 304.
- Bearings: Upper, Open Single Row Ball Bearing.
Lower, Two Synthetic Seals, Double Row Ball Bearing.
- Discharge Flange: Aluminum Alloy No. 356-T6.
- Gaskets: Cork with Nitrile Binder (NC710).
- O-Rings: Buna-N.
- 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

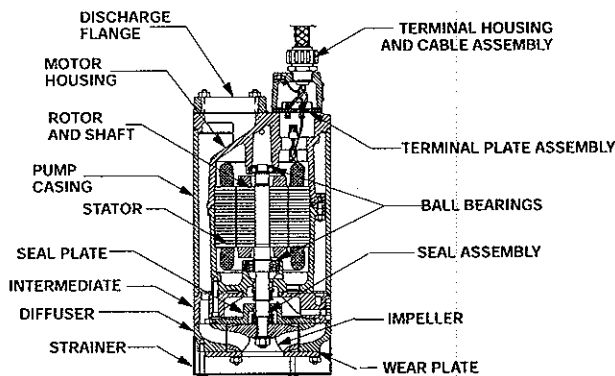
NEMA Type 3R Rainproof Control Box. Provides On-Off, Circuit Breaker and Motor Overload Protection. (See Section 130, Page 90.)

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. 48272-006.

MOTOR/CABLE SPECIFICATIONS

- Motor: Oil Filled Enclosure; 10.0 H.P.; 3450 R.P.M.;
- Three Phase: 200/230/460/575 Volt, 60 Hz, 39/34/17/13.6 Full Load AMPS, 12.2 kW (Max.)
- Power Cable: 6 Wire; Type GGC; 8 AWG, 3 Conductor, Plus 2 Ground and 1 ground check. Nominal Length 50 Feet (15 m). Standard. (Specify Alternate Length at Time of Order.)
- Recommended Generator Size: 15 kW.



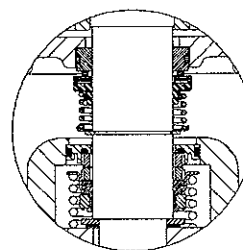
Do not use in explosive atmosphere or for pumping volatile flammable liquids.

SEAL SPECIFICATIONS

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

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

SEAL DETAIL



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



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Specifications Subject to Change Without Notice

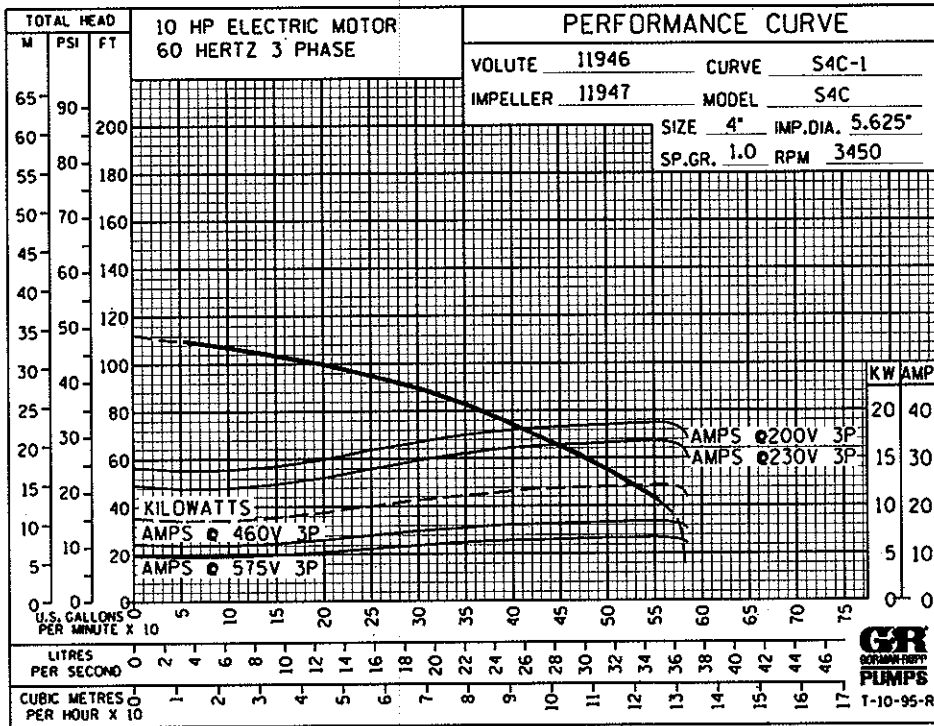
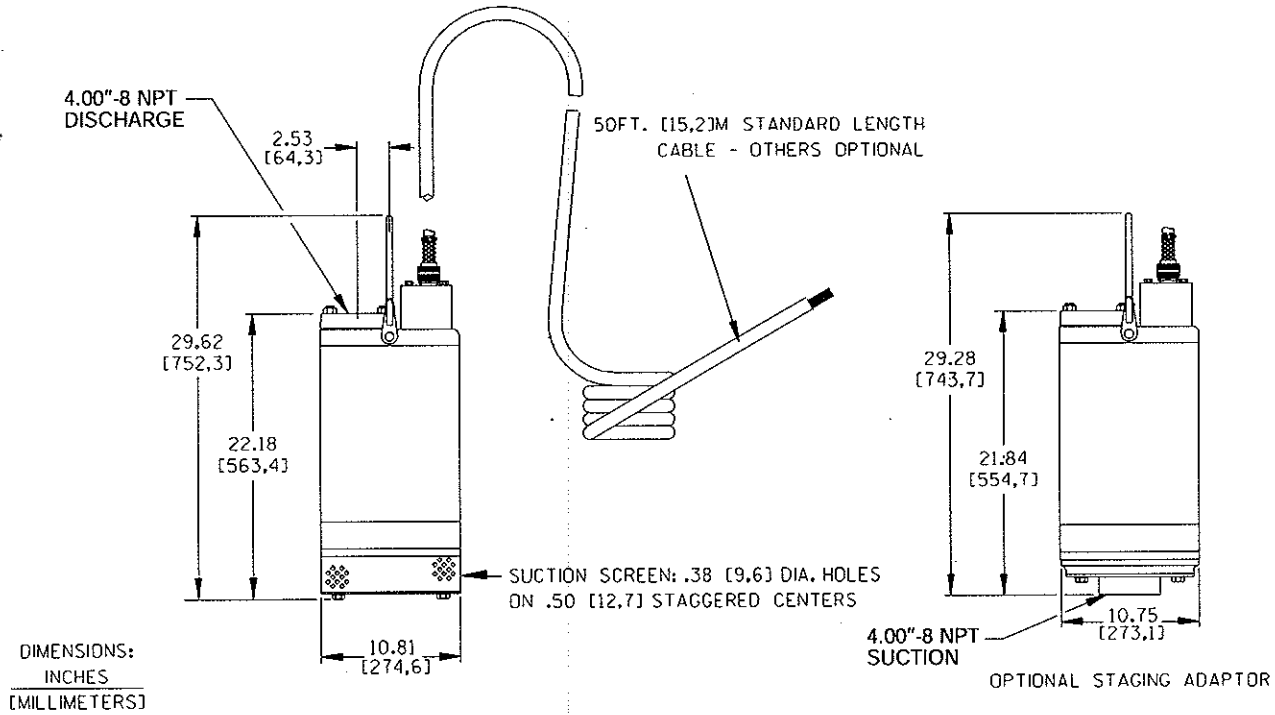
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Specification Data

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 254 LBS. (115 KG.)
SHIPPING WEIGHT: 269 LBS. (122 KG.)
EXPORT CRATE: 13.3 CU. FT. (0,38 CU. M.)

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