



Electric Motor Driven Submersible Pump

Models S2F1-E1

Size 2"



PUMP SPECIFICATIONS

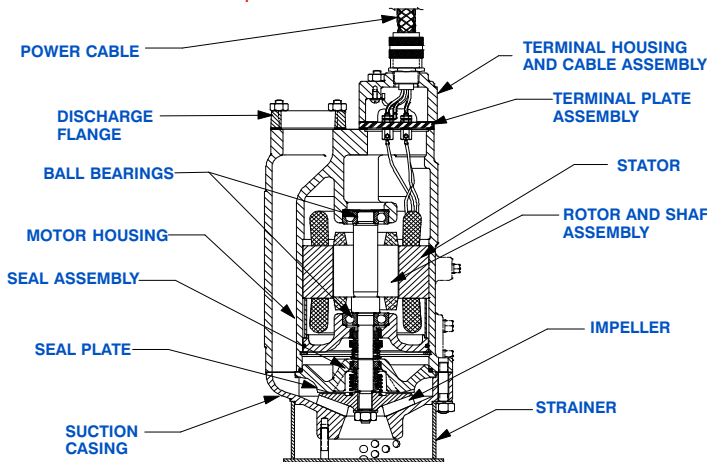
- Suction Casing:** Ductile Iron ASTM A536;
Maximum Operating Pressure 36 psi (248 kPa).*
- Impeller:** Ductile Iron ASTM A536.
- Seal Plate:** Gray Iron 30.
- Intermediate:** Aluminum Alloy 356-T6.
- Motor Housing:** Aluminum Alloy 356-T6.
- Motor Shaft:** Stainless Steel 17-4 PH.
- Bearings:** Upper and Lower, Open Single Row Ball Bearing.
- Discharge Flange:** Aluminum Alloy 356-T6.
- Gaskets:** Cork with Nitrile Binder (NC710).
- O-Rings:** Buna-N.
- Wetted Hardware:** Standard Plated Steel and Stainless Steel.
- Strainer:** Urethane Coated Steel; 47% Open Area,
0.31" (7.9 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.**



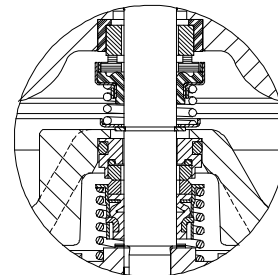
MOTOR/CABLE SPECIFICATIONS

- Motor:** Oil Filled Enclosure. 1.0 H.P.; 3450 R.P.M.; 60 Hz.
- Single Phase:** 115/230 Volt, 15.0/7.5 Full Load AMPS, 1.6 kW (Max.).
- Three Phase:** 200/230/460/575 Volt, 5.0/4.3/2.2/1.8 Full Load AMPS,
1.4 kW (Max.).
- Power Cable:** 4 Wire; Type SO/SOW/SOOW/SEOW/SEOOW; 14 AWG;
3 Power Conductors, Plus 1 Ground.
Nominal Length 50 Feet (15 m) Standard.
(Specify Alternate Length at Time of Order.)
- Recommended Generator Size:** 4 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).*



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

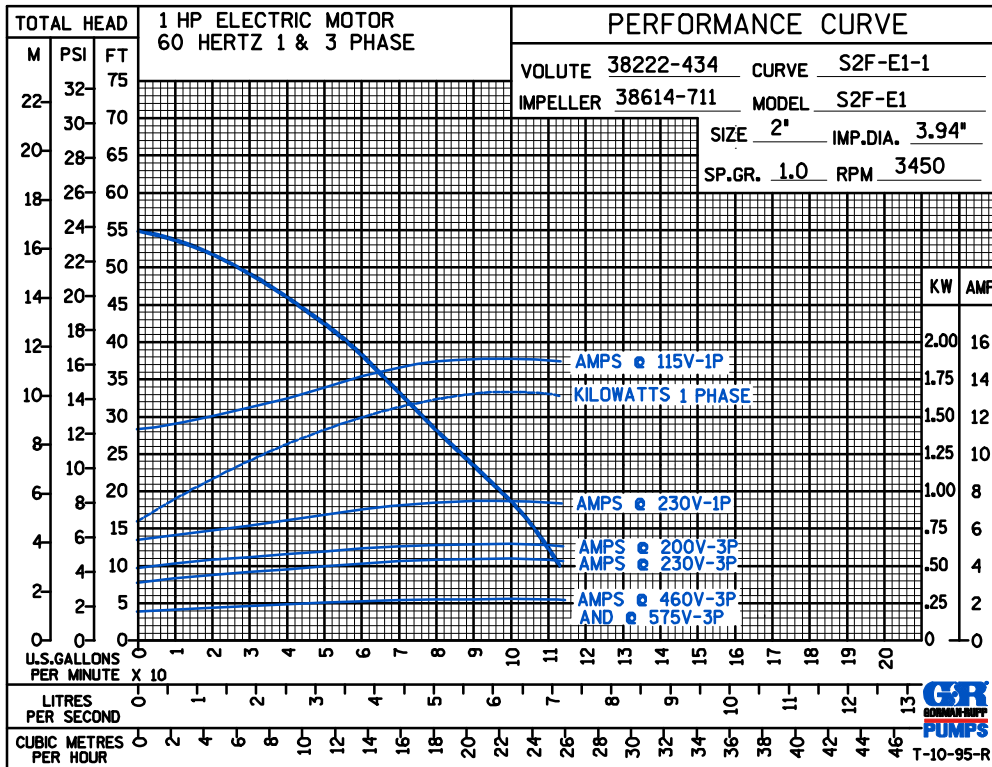
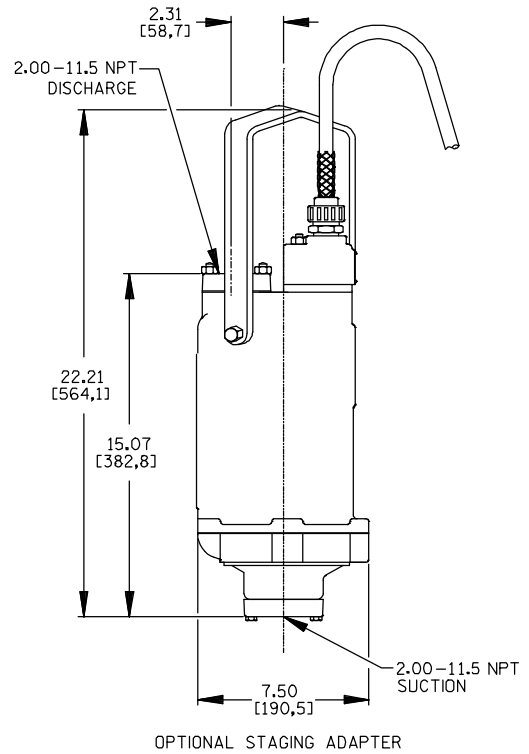
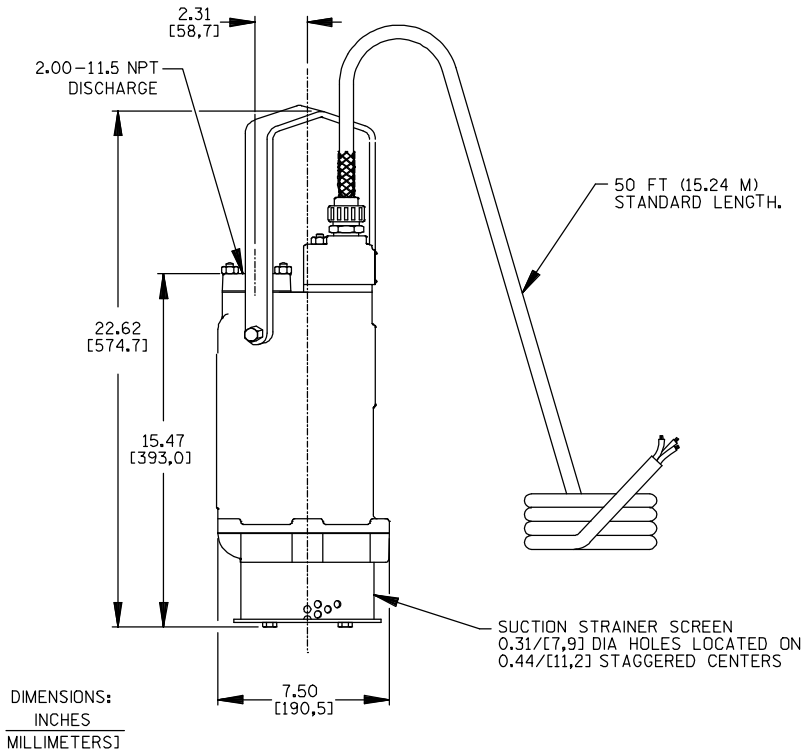
Printed in U.S.A.

Specification Data

SECTION 130, PAGE 340C

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 56 LBS. (25,4 KG.)
SHIPPING WEIGHT: 80 LBS. (36,3 KG.)
EXPORT CRATE: 4.2 CU. FT. (0,12 CU. M.)



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.