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Submersible Pump

Model S6C1-E35



Size 6"

PUMP SPECIFICATIONS

Diffuser: Ductile Iron 80-60-03;

Maximum Operating Pressure 64 psi (441 kPa).*

Semi-Open Type, Six Vane Impeller: Ductile Iron 80-60-03.

Suction Head: Ductile Iron 80-60-03.

Motor Housing: Aluminum Alloy 356-T6.

Intermediate Bracket: Aluminum Alloy 356-T6.

Strainer Plate: Aluminum Alloy 356-T6.

Motor Shaft: Stainless Steel 17-4 PH.

Bearings: Upper and Lower, Open Single Row Ball.

Discharge Flange: Gray Iron 30.

Gaskets: Cork ^w/Nitrile Binder (NC710) and Vegetable Fiber.

O-Ring: Synthetic Rubber (DuPont Neoprene[®] or Equivalent).

Wetted Hardware: Standard Plated Steel and Stainless Steel.

Strainer: Urethane Coated Steel; 49% Open Area, 0.62" (15,7 mm) Square 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 95.)

Optional Equipment: Staging Adapter Kit. Turtle Type Pressure Activated Level Switch. Float Activated Level Switch. (See Sec. 130, Page 150.)

MOTOR/CABLE SPECIFICATIONS

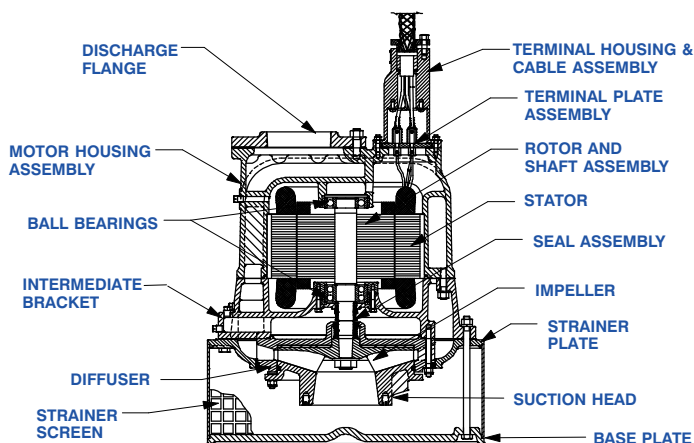
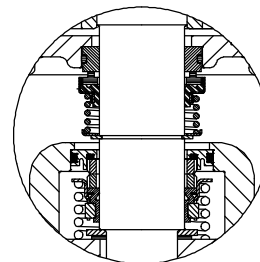
Motor: Oil Filled Enclosure; 35 H.P.; 1750 R.P.M.;

Three Phase: 460/575 Volt, 60 Hz, 44/35 Full Load Amps, 28 kW (Max.)

Power Cable: 6 Wire; Type GGC; 6 AWG. 3 Power Conductors, plus 2 Ground Conductors and 1 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.



SEAL SPECIFICATIONS

Tandem, Oil Lubricated.

Upper Seal: Type 2, Mechanical. Carbon Rotating Face. Ceramic Stationary Face. Buna-N Elastomers. Stainless Steel 18-8 Cage and Spring.

Lower Seal: Type 2, Mechanical. Tungsten Titanium Carbide Rotating and Stationary Faces. 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).*



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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Specifications Subject to Change Without Notice

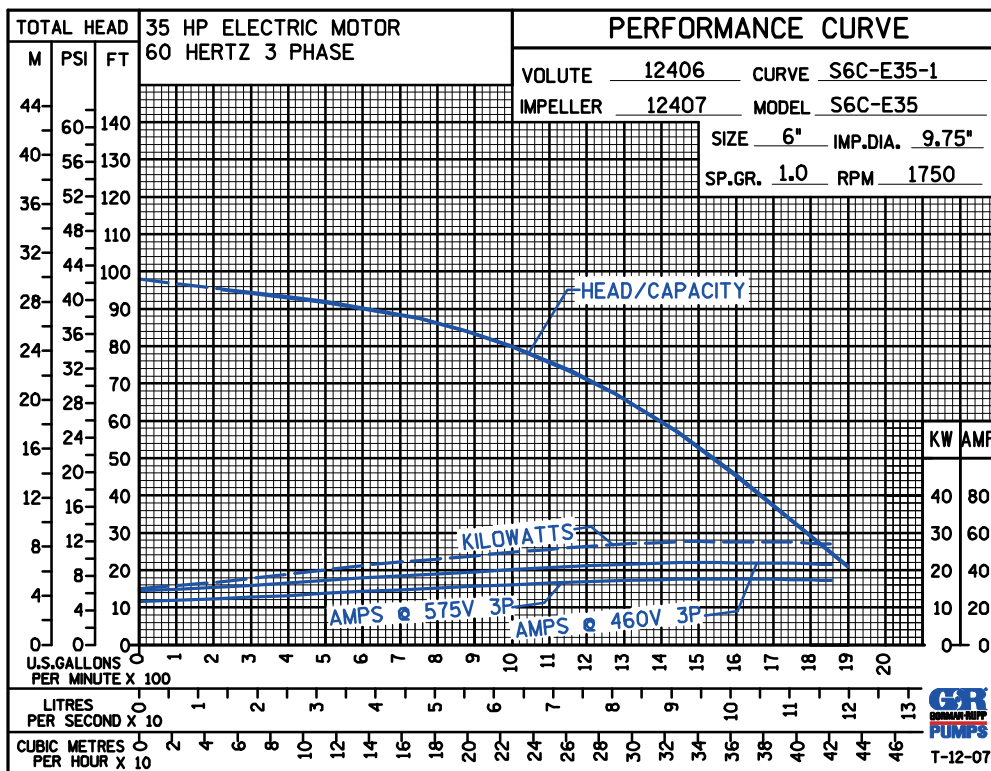
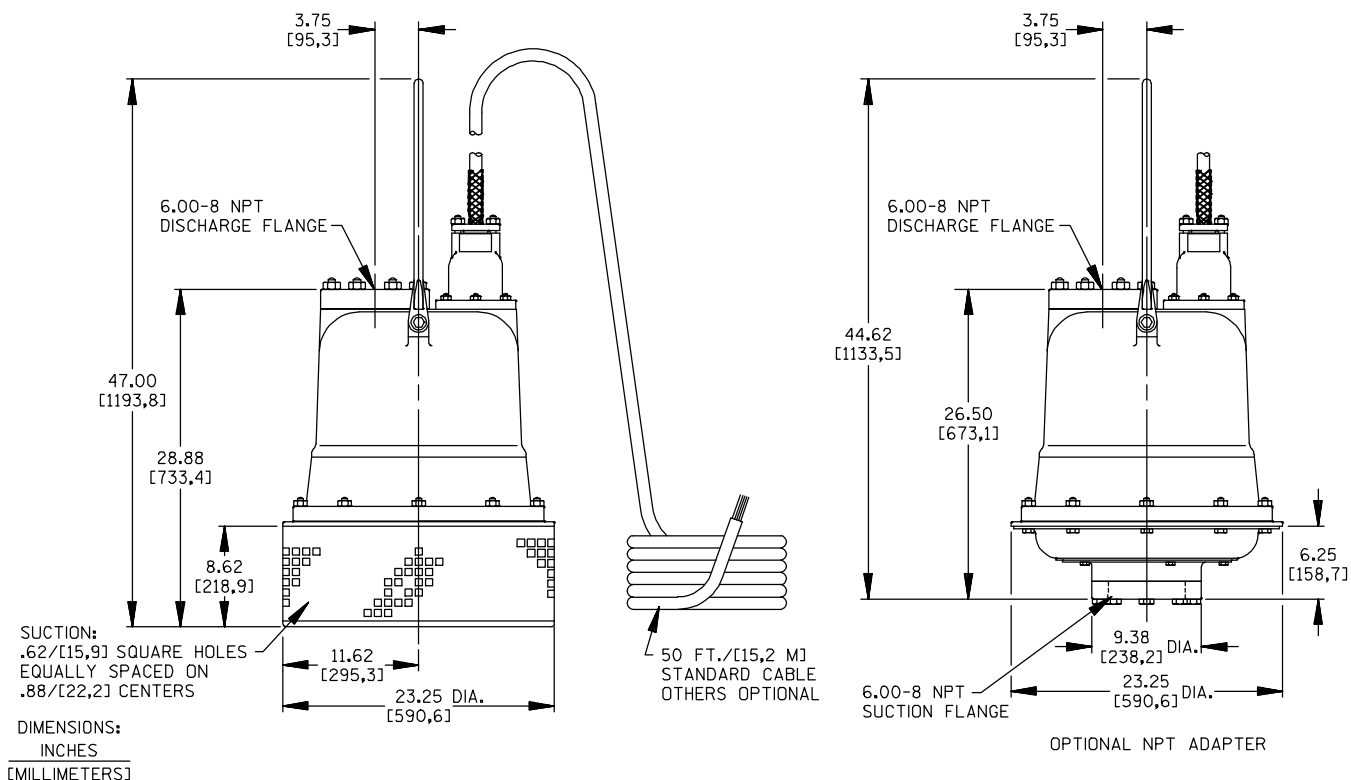
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Specification Data

SECTION 130, PAGE 1325C

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 595 LBS. (269,9 KG.)
SHIPPING WEIGHT: 675 LBS. (306,2 KG.)
EXPORT CRATE: 36.9 CU. FT. (1,04 CU. M.)



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