



Submersible Pump

Model SM4C18-X10

Size 4"



PUMP SPECIFICATIONS

MSHA PUMP APPROVAL - 2G-3971A-0.
COMMONWEALTH OF PENNSYLVANIA APPROVAL BFE-637-77.

Diffuser: Stainless Steel CD4MCu,
Maximum Operating Pressure 75 psi (517 kPa).*

Impeller: Stainless Steel CD4MCu.

Wear Plate: Stainless Steel CD4MCu.

Plate: Stainless Steel CD4MCu.

Intermediate: Aluminum Alloy 356-T6.

Casing: Aluminum Alloy 6061-T6 with Chromicoat.

Motor Housing: Aluminum Alloy 356-T6.

Rotor Shaft: Stainless Steel 416.

Shaft Sleeve: Stainless Steel 304.

Bearings: Upper, Two Synthetic Seals, Single Row Ball Bearing.
Lower, Two Synthetic Seals, Double Row Ball Bearing.

Discharge Flange: Aluminum Alloy 356-T6.

Gaskets: Cork with Nitrile Binder (NC710).

O-Rings: Fluorocarbon (DuPont Viton® or Equivalent) and 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 10 Explosion Proof Control Box. Provides On-Off,
Circuit Breaker and Motor Overload Protection.

MSHA Certification - X/P-3026-1.

Optional Equipment

Staging Adapter Kit.

MSHA-Certified Automatic Control Box, [Single Ball Type Float Switch](#).**

***Cable Lengths From 50 to 400 Feet Available.*

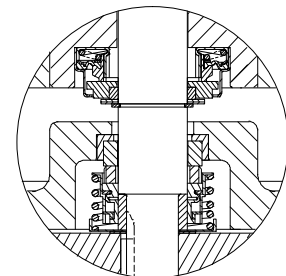
MOTOR/CABLE SPECIFICATIONS

Motor: Air Filled Enclosure; 10.0 H.P.; 3450 R.P.M.; Three Phase: 460/575 Volt,
60 Hz, 17/13.6 Full Load AMPS; 12 kW (Max.)

MSHA Approval - 7J-97016-0.

Power Cable: 7 Wire, Type SPC; (3) 12 AWG Power Conductors, (2) 14 AWG
Control Conductors, (1) 10 AWG Ground Conductor and (1) 14 AWG Ground
Check Conductor. Nominal Length 50 Feet (15 m). Standard. (*Specify
Alternate Length at Time of Order.*)**

*** *Circuit Breaker Amp Rating and Maximum Combined Length of Motor and
Trailing Cables May Apply (Consult Factory for Details).*



SEAL DETAIL

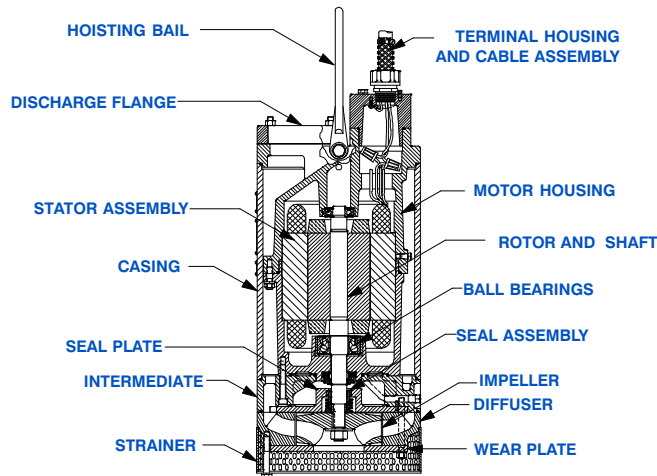
Tandem, Oil Lubricated.

Upper: Type 22, Mechanical. Cast Iron Rotating Face, and
Carbon Stationary Face. Neoprene and Buna-N
Elastomers. Carbon Steel Spring and Plated Steel Cage.

Lower Seal: Type 2, Mechanical. Tungsten Titanium
Carbide Rotating Face and Silicon Carbide Stationary
Face. Fluorocarbon Elastomers (DuPont Viton® or
Equivalent). Stainless Steel 303/304 Cage and Spring.

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

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



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

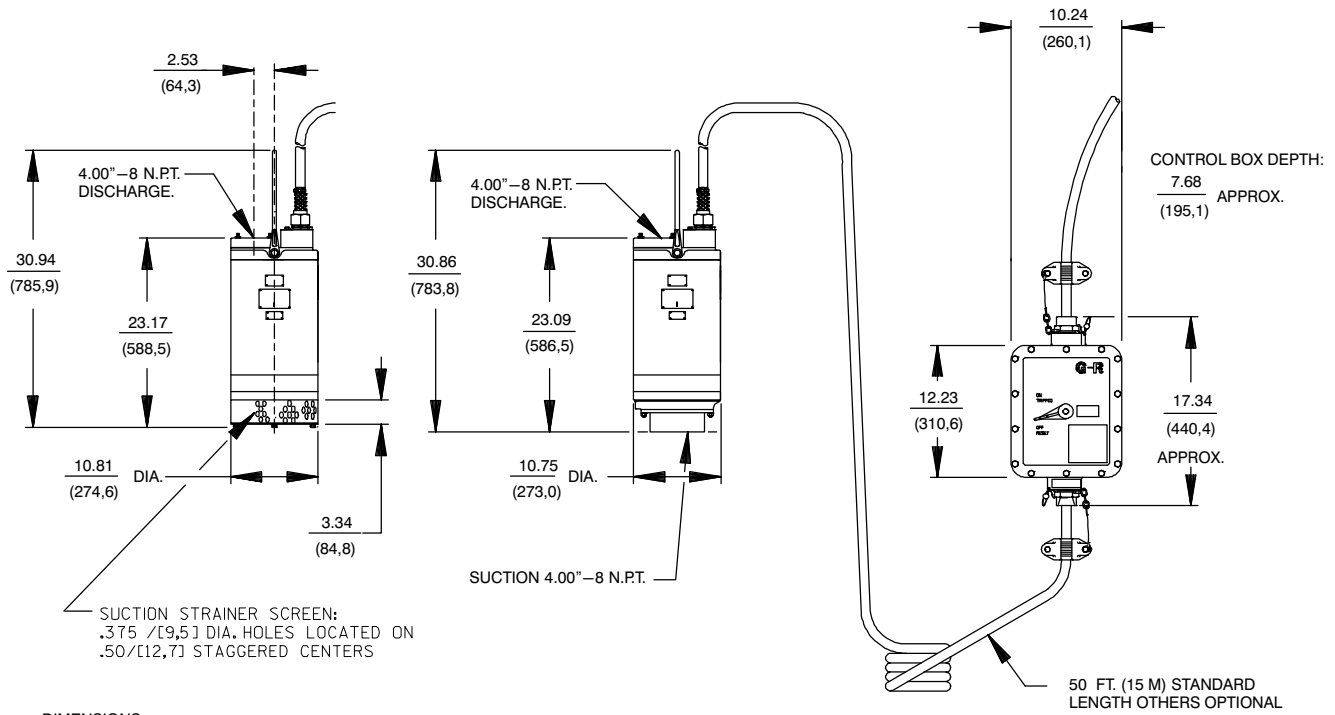
Printed in U.S.A.

Specification Data

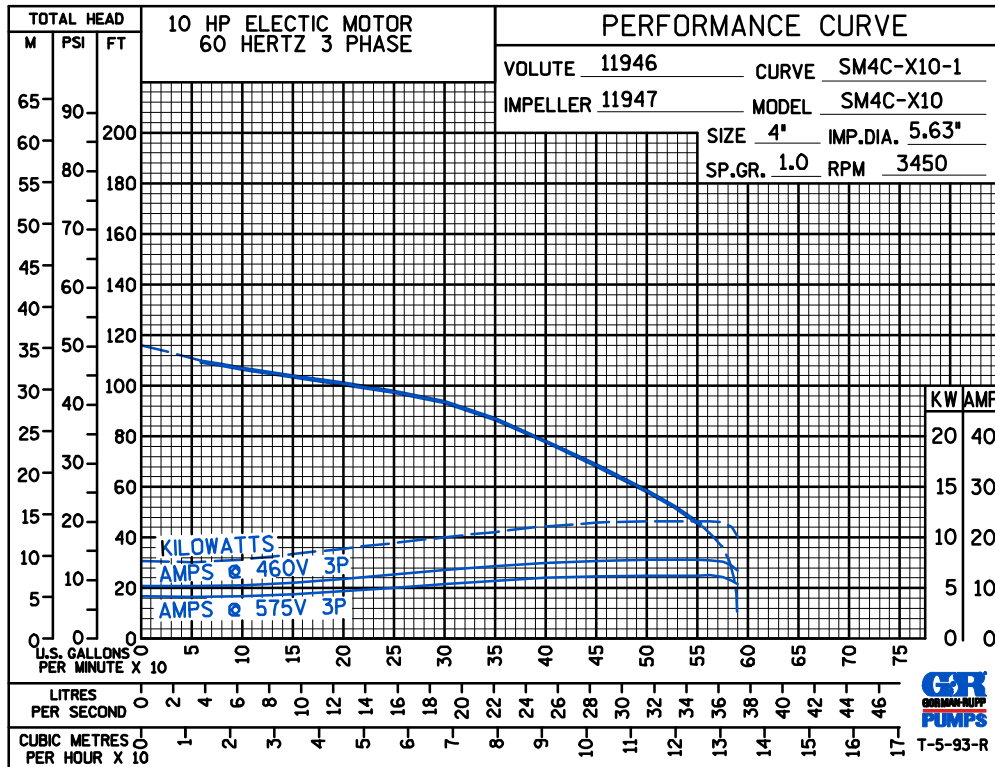
APPROXIMATE DIMENSIONS and WEIGHTS

PUMP & CABLE NET WEIGHT: 205 LBS. (93 KG.)
CONTROL BOX NET WEIGHT: 35 LBS. (16 KG.)
GROSS SHIPPING WEIGHT: 255 LBS. (116 KG.)
EXPORT CRATE: 7.8 CU. FT. (0,22 CU. M.)

SECTION 132, PAGE 650



DIMENSIONS:
INCHES
(MILLIMETERS)



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.