



Submersible Pump

Model SM4D65-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 105 psi (7244 kPa).*

Impeller: Stainless Steel CD4MCu.

Wear Plate: Stainless Steel CD4MCu.

Seal Plate: Stainless Steel CD4MCu.

Intermediate: Stainless Steel 316.

Casing: Stainless Steel 316.

Motor Housing: Stainless Steel 316.

Rotor Shaft: Stainless Steel 316.

Shaft Sleeve: Stainless Steel 316.

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

Discharge Flange: Stainless Steel 316.

Gaskets: Buna-N with Compressed Synthetic Fiber.

O-Rings: Fluorocarbon (DuPont Viton® or Equivalent).

Wetted Hardware: Stainless Steel.

Strainer: Stainless Steel 316.; 50.6% Open Area,
0.375" (9.5 mm) Diameter Openings.

Hoisting Bail: Stainless Steel 316.

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.

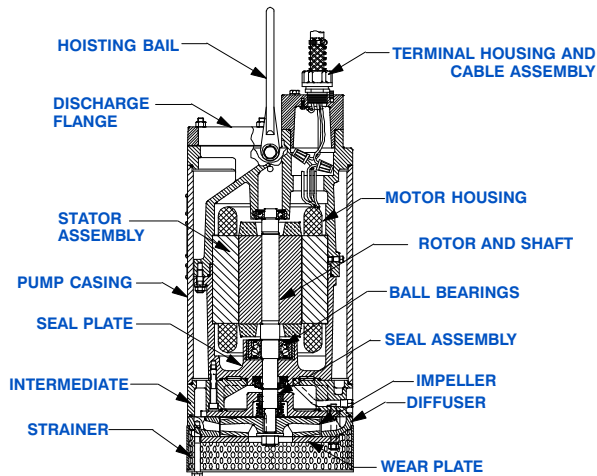
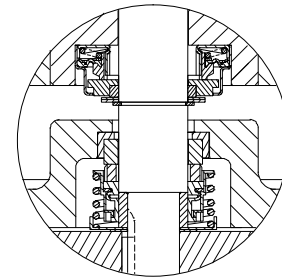
MOTOR/CABLE SPECIFICATIONS

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 SPECIFICATIONS

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. Silicon Carbide Rotating
Face and 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.



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Specifications Subject to Change Without Notice

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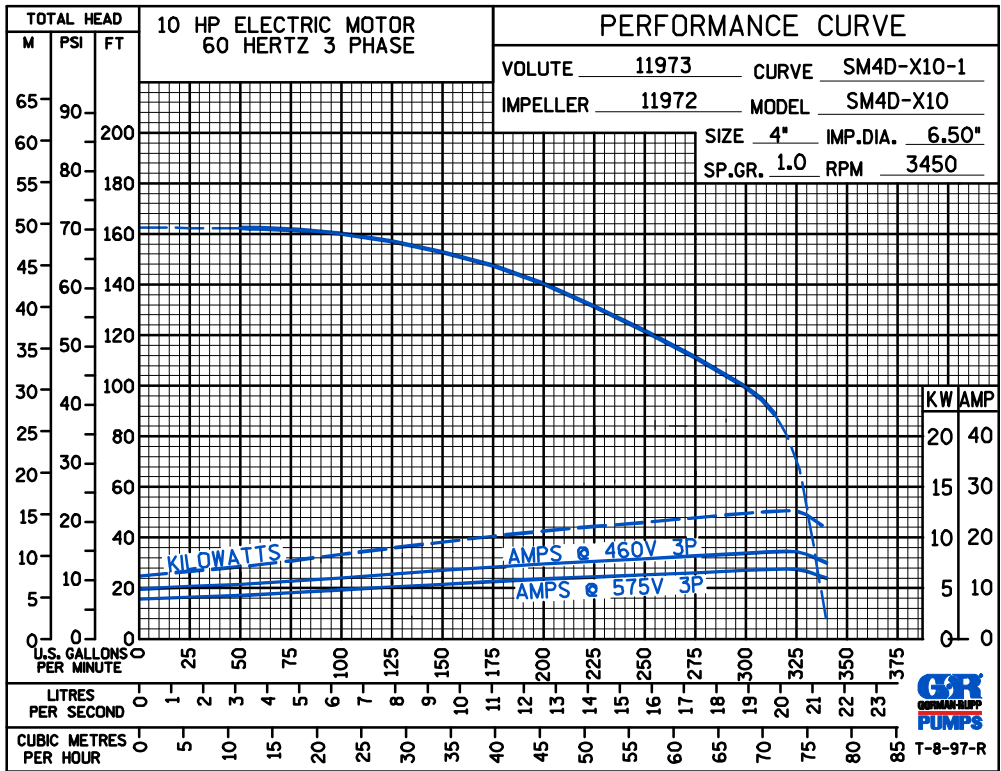
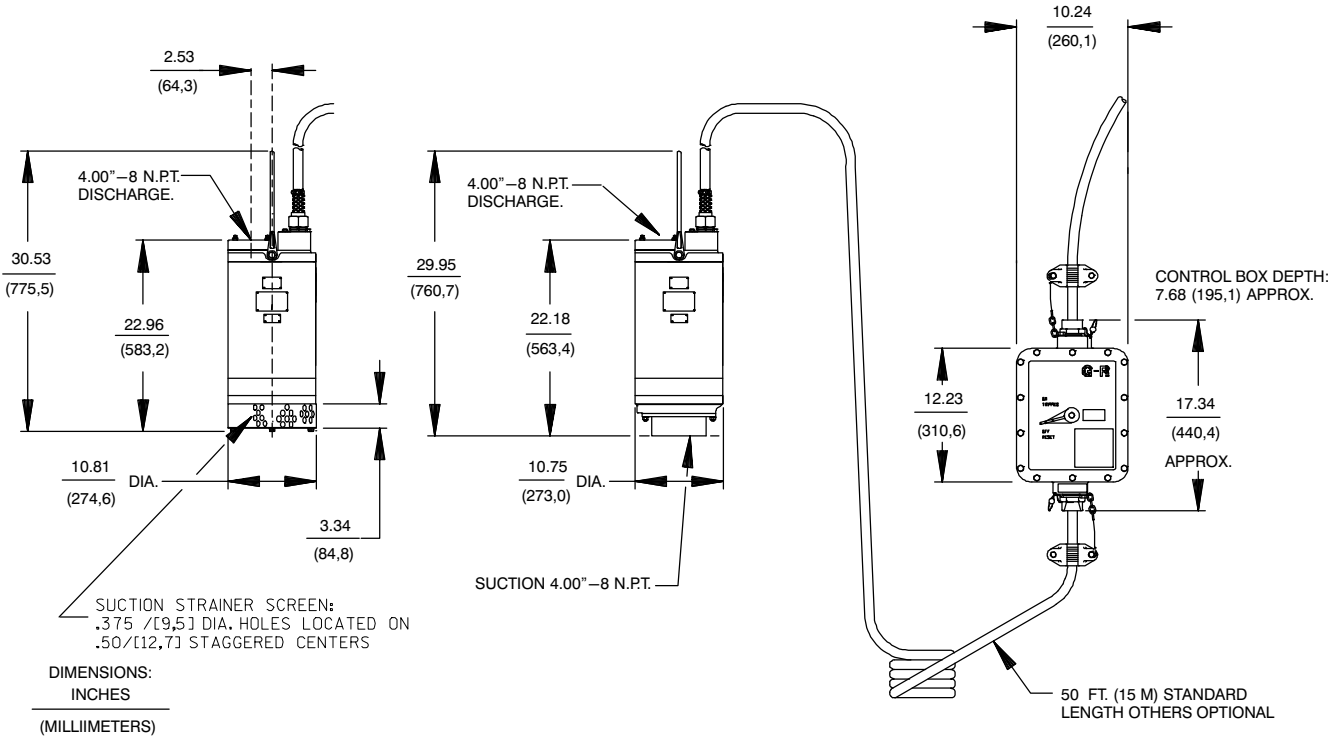
Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

PUMP & CABLE NET WEIGHT:
CONTROL BOX NET WEIGHT:
GROSS SHIPPING WEIGHT:
EXPORT CRATE:

313 LBS. (142 KG.)
35 LBS. (16 KG.)
363 LBS. (165 KG.)
7.8 CU. FT. (0,22 CU. M.)



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