



Submersible Pump

Model SM3B65-X6

Size 3"



PUMP SPECIFICATIONS

MSHA PUMP APPROVAL NO. 2G-3971A-0.

COMMONWEALTH OF PENNSYLVANIA APPROVAL NO. BFE-637-77.

Suction Casing: Stainless Steel CD4MCu;

Maximum Operating Pressure 52 psi (359 kPa).*

Impeller: Stainless Steel CD4MCu.

Seal Plate: Stainless Steel CD4MCu.

Intermediate: Aluminum Alloy 356-T6.

Motor Housing: Stainless Steel 316.

Rotor Shaft: Stainless Steel 316.

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

Shaft Sleeve: Stainless Steel 316.

Discharge Flange: Stainless Steel 316.

Gaskets: Buna-N with Compressed Synthetic Fibers.

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

Wetted Hardware: Stainless Steel.

Strainer: Stainless Steel 316; 51% 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 No. 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 6.0 H.P.; 3450 R.P.M.; 60 Hz.

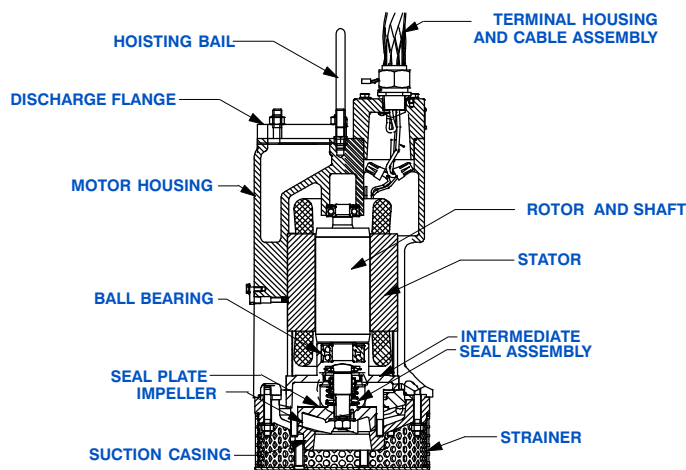
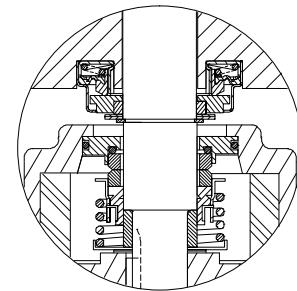
Three Phase, 460/575 Volt, 10.8/8.6 Full Load AMPS, 6.8 kW (Max.).

MSHA Certification No. X/P-3185-1.

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) Stan-
dard. (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).

Photo unavailable at time of publishing



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: Type 2, Mechanical. Tungsten Titanium Carbide
Rotating and Stationary Faces. Stainless Steel 316
Stationary Seat. 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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