



50 Hz
Submersible Pump
Electric Motor Driven
Model S3C1-KW4 3/50/380
Size 3"

PUMP SPECIFICATIONS

Suction Head: Aluminum Alloy 356-T6 With Bonded Nitrile Lining; Maximum Operating Pressure 50 psi (3,5 kg/cm²).*
Impeller: Ductile Iron No. 65-45-12.
Seal Plate: Aluminum Alloy No. 356-T6 With Bonded Nitrile Lining.
Intermediate: Aluminum Alloy No. 356-T6.
Motor Housing: Aluminum Alloy No. 356-T6.
Rotor Shaft: Stainless Steel Type 416.
Bearings: Upper, Open Single Row Ball Bearing.
 Lower, Two Shield, Double Row Ball Bearing.
Shaft Sleeve: Stainless Steel Type 304.
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. 40% Open Area, 0.375" (9,5 mm) Diameter 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 85.)

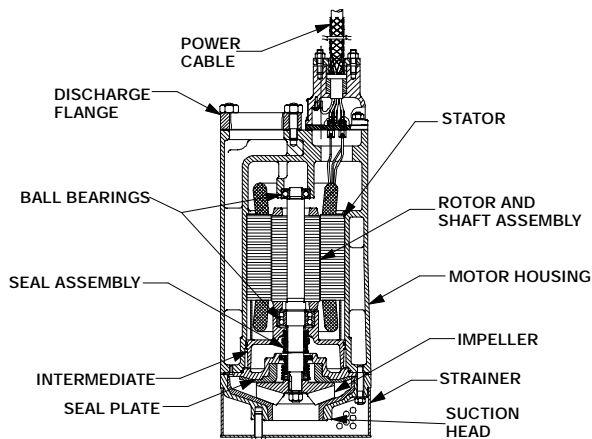
Optional Equipment**Liquid Level Control**

- a. Turtle Type Pressure Activated Level Switch. (See Sec. 130, Page 150.)
- b. Float Activated Level Switch. (See Sec. 130, Page 150.)

Staging Adapter Kit: Part No. 48272-003.

MOTOR/CABLE SPECIFICATIONS

Motor: Oil Filled Enclosure; 4 kW; 2900 R.P.M.;
 Three Phase: 380 Volt, 50 Hz,
 8 Full Load AMPS, 4 kW (Max.)
Power Cable: Type SO/SOOW; 10 AWG. 3 Conductor, Plus 1 Ground. Nominal Length 50 Feet (15 m). Standard.
 (Specify Alternate Length at Time of Order.)
Recommended Generator Size: 15 kW.



Do not use in explosive atmosphere or for pumping volatile flammable liquids.

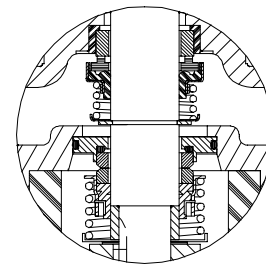
SEAL SPECIFICATIONS

Tandem, Oil Lubricated.

Upper Seal: Type 21, Mechanical. Carbon Rotating Face. Ni-Resist Stationary Face. Buna-N Elastomers. Stainless Steel Type 18-8 Cage and Spring.

Lower Seal: Type 2, Mechanical. Tungsten Titanium Carbide Rotating and Stationary Faces. Stainless Steel Type 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel Type 304 Cage and Spring.

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

SEAL DETAIL

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



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Specifications Subject to Change Without Notice

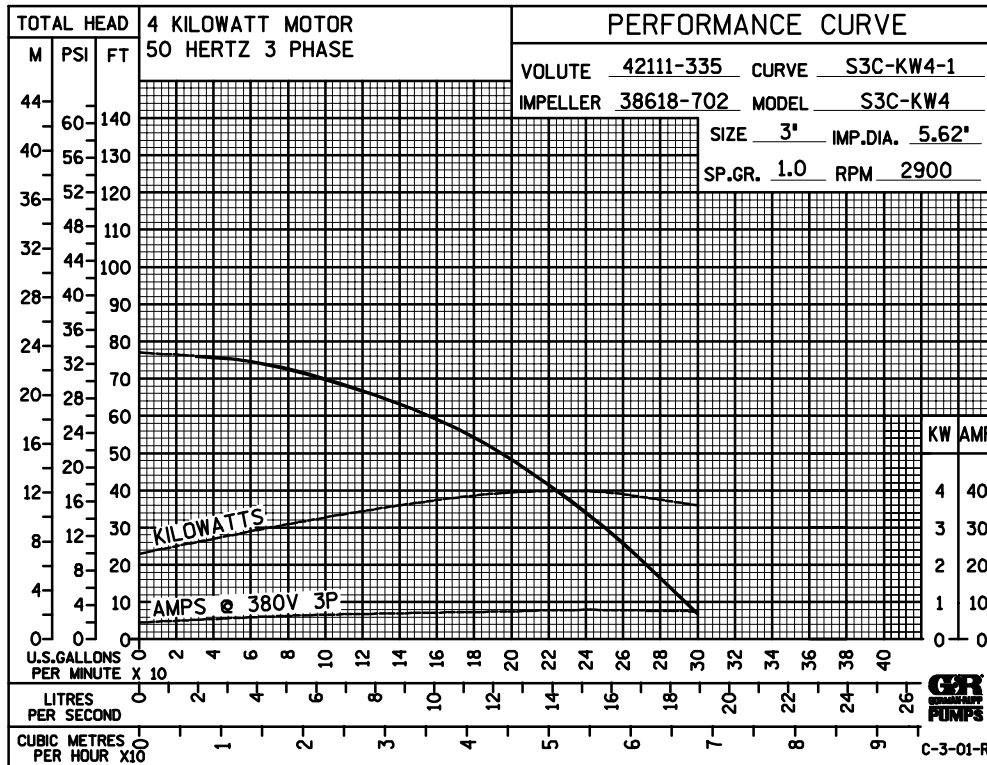
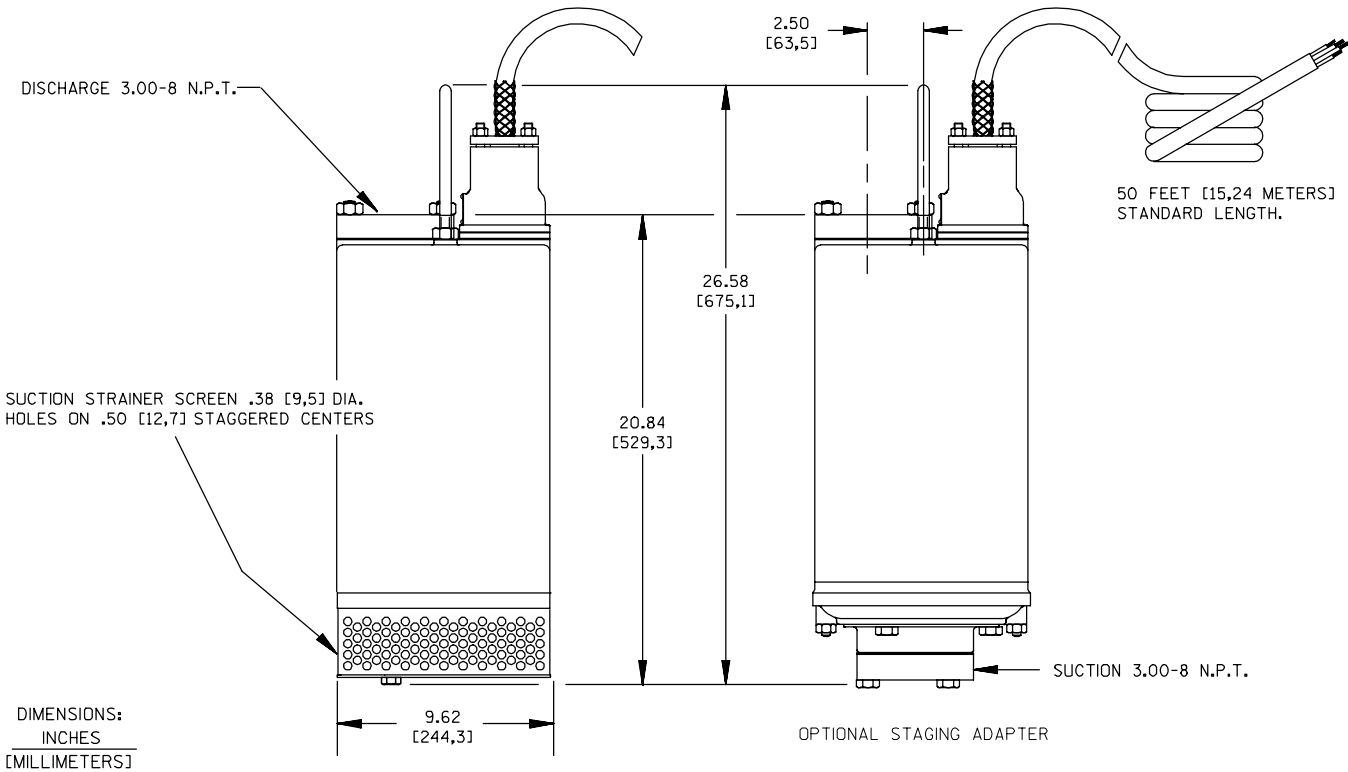
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Specification Data

SECTION 130, PAGE 780

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 153 LBS. (69,4 KG.)
SHIPPING WEIGHT: 168 LBS. (76,2 KG.)
EXPORT CRATE SIZE: 7.8 CU. FT. (0,22 CU. M.)



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