

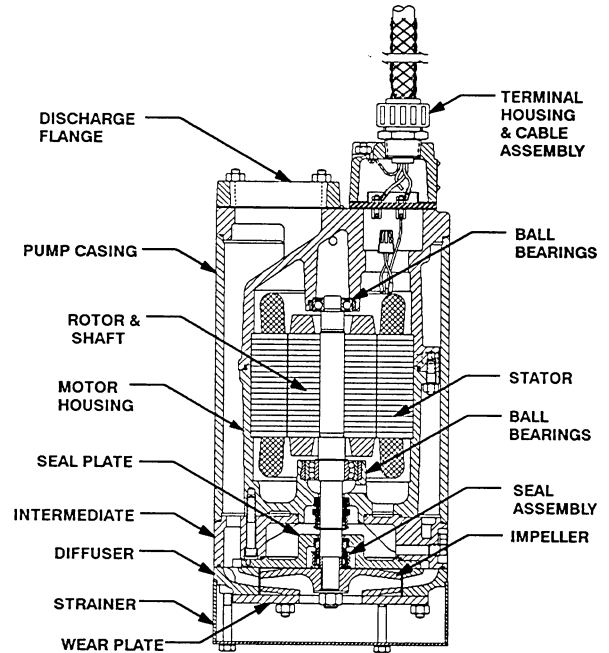
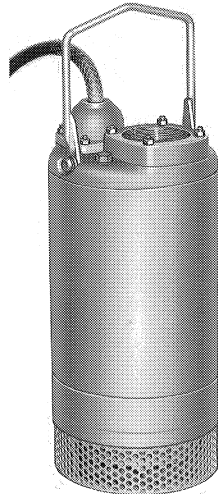
A C

# Submersible Pump

Electric Motor Driven

Model S4D1-KW6.7 3/50/380

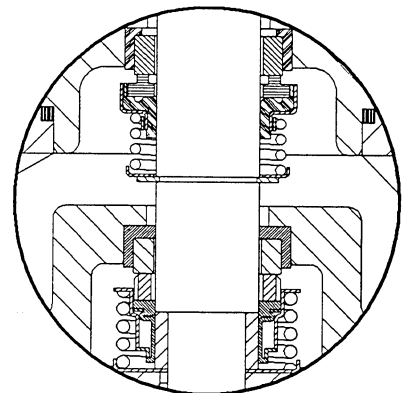
Size 4"



PART	MATERIAL
Diffuser	Ductile Iron No. 120-90-02
Impeller	Ductile Iron No. 120-90-02
Seal Plate	Ductile Iron No. 120-90-02
Intermediate	Aluminum No. 356-T6
Motor Housings	Aluminum No. 356-T6
Pump Casing	Aluminum No. 6061-T6
Rotor Shaft	Stainless Steel No. 416
Wear Plate	Steel No. 1045
Hardware (Internal)	Stainless Steel No. 18-8
Hardware (External)	Standard Plated Steel
Ball Bearings	Lower-Double, Upper-Single
Discharge Flange	Aluminum No. 356-T6
Gaskets	Resistant Synthetic Rubber & Cork
O-Rings	Buna-N
Control Box	Standard
Hoisting Bail	Standard
Strainer 51% Open Area	.38" Dia. Openings
Liquid Level Control	Optional
Staging Adaptor	Optional

**WARNING**  
DO NOT USE  
FOR PUMPING VOLATILE  
FLAMMABLE LIQUIDS

- Seal** - Two. Operate in Oil
- Upper** - Type 21. Rotating Face is Carbon; Stationary Face is Ni-Resist; Elastomers are Buna-N.
- Lower** - Type 2. Rotating Face is Tungsten Titanium Carbide; Stationary Face is Silicon Carbide; Elastomers are Viton.



**Motor: 6.7 KW, 50 Hertz., 2900 R.P.M.** Oil Filled, **Three Phase, 380 Volts, 11.5 Full Load Amps., 6.7 Max. KW.**

**POWER CABLE:** GGC Type, 8 AWG, 6 Wire, (3 Power Conductor, 2 Ground and 1 Ground Check).

\*50 Feet (15,2 Meters) Provided Standard.

\*For Different Lengths, Specify at Time of Order.

**STANDARD CONTROL BOX:** NEMA Type 3R Rainproof and sleet-(ice) resistant enclosure. Instantaneous Magnetic trip only circuit breaker for circuit protection. Full magnetic definite purpose motor starter.

Fast trip Nema class 10 overloads. Standard "HAND-OFF-AUTO" selector switch. Optional equipment: separate low voltage (24 volt) control panel for direct mounting in the control enclosure, with choice of either float type, or pressure activated liquid level switches.

Recommended Generator for Across Line Starting: 15 KW.

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

**CONSULT FACTORY FOR ADDITIONAL VOLTAGE REQUIREMENTS**



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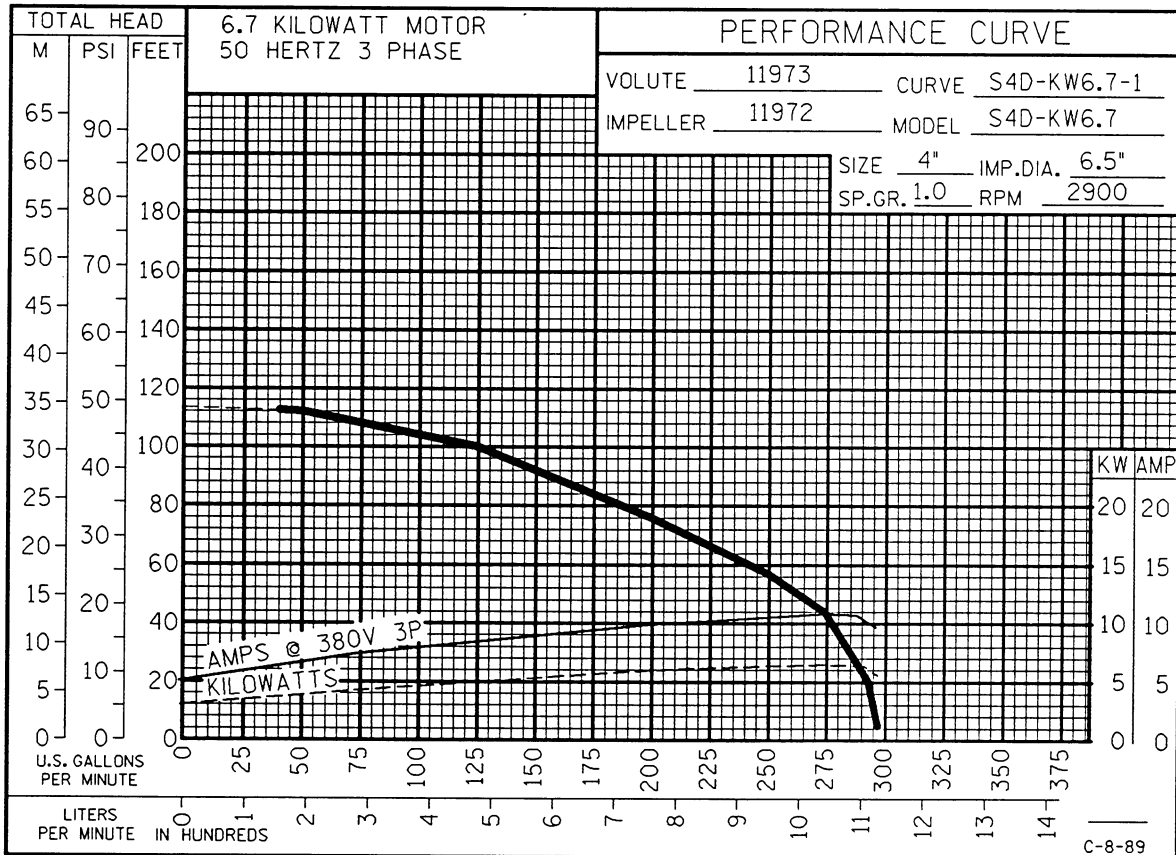
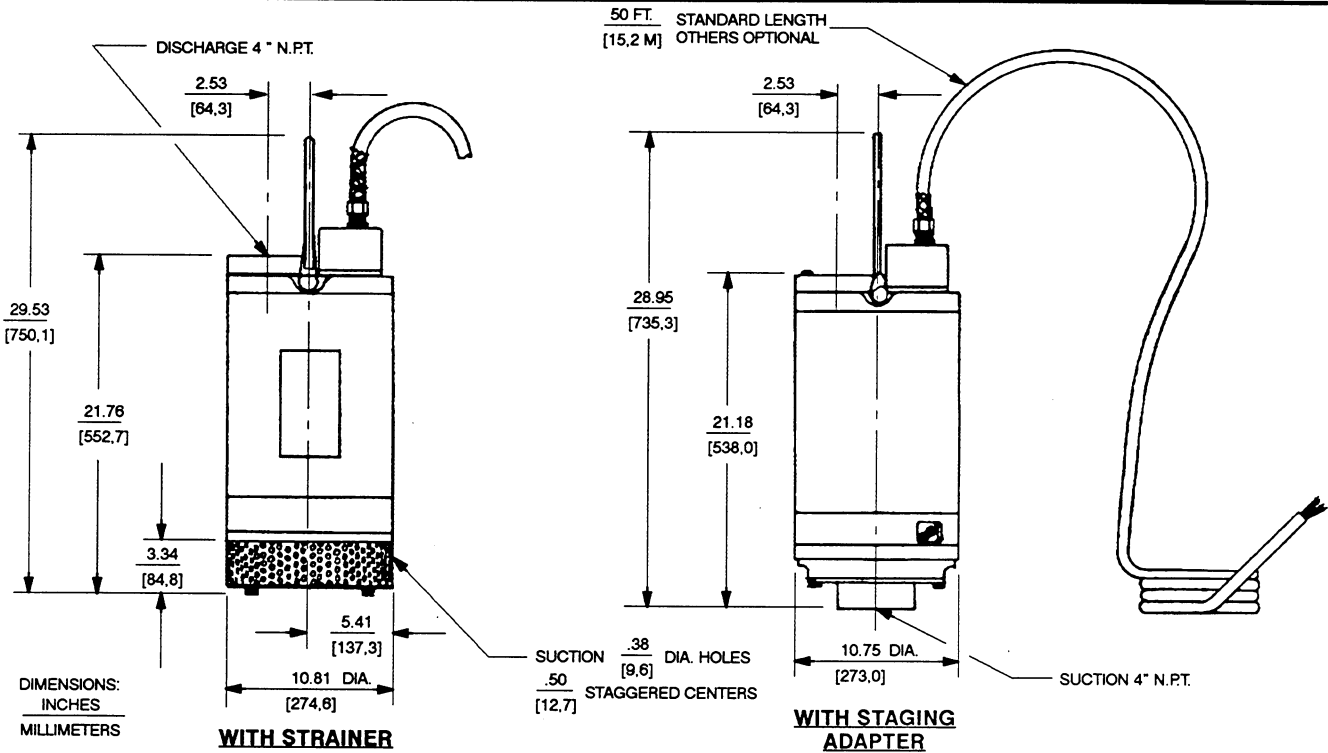
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**Specification Data**

**SECTION 130, PAGE 1412**

**OVERALL DIMENSIONS  
and  
WEIGHTS APPROXIMATE**

**PUMP NET WEIGHT: 162.5 LBS. [73.7 KG.]**  
**PUMP & CABLE NET WEIGHT: 195 LBS. [88.4 KG.]**  
**CONTROL BOX NET WEIGHTS: 48 LBS. [21.8 KG.]**  
**GROSS SHIPPING WEIGHT: 260 LBS. [117.9 KG.]**  
**EXPORT CRATE: 9.6 CU. FT. [.27 CU. M.]**



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