



**AVAILABLE FOR  
RENT OR SALE**

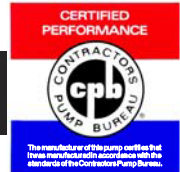


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# S3B1-E6

## 3" SUBMERSIBLE PUMP

**ELECTRIC MOTOR DRIVEN**



### PUMP SPECIFICATIONS

Suction Head: Aluminum Alloy 356-T6 With Bonded Nitrile Lining; Maximum Operating Pressure 50 psi (345 kPa).\*

Impeller: Ductile Iron 65-45-12.

Seal Plate: Aluminum Alloy 356-T6 With Bonded Nitrile Lining.

Intermediate: Aluminum Alloy 356-T6.

Motor Housing: Aluminum Alloy 356-T6.

Motor Shaft: Stainless Steel 416.

Bearings: Upper, Open Single Row Ball Bearing  
Lower, Two Shield, Double Row Ball Bearing.

Shaft Sleeve: Stainless Steel 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. 51% 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.

### Optional Equipment

Liquid Level Control: a. Turtle Type Pressure Activated Level Switch.  
b. Float Activated Level Switch.

### Staging Adapter Kit

### MOTOR/CABLE SPECIFICATIONS

Motor: Oil Filled Enclosure; 6.0 H.P.; 3450 R.P.M.

Single Phase: 230 Volt, 60 Hz, 34 Full Load AMPS, 7.2 kW (Max.)

Three Phase: 200/230/460/575 Volt, 60 Hz, 26.5/23/11.5/9.2 Full Load AMPS, 6.8 kW (Max.)

Power Cable: 4 Wire; Type S0/S0W/S00W; 10 AWG; 3 Power Conductors, Plus 1 Ground. Nominal Length 50 Feet (15 m). Standard.

Recommended Generator Size: 15 kW Across the Line Start.

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



Suction	3" (80 mm)
Discharge	3" (80 mm)
Solids Handling	0.38" (10 mm)
Casing	Aluminum
Impeller/Rotor	Ductile Iron
Seal Material	Tungsten Carbide
Flange	NPT
Drive Type	Electric Motor
Unit Weight	151 lbs

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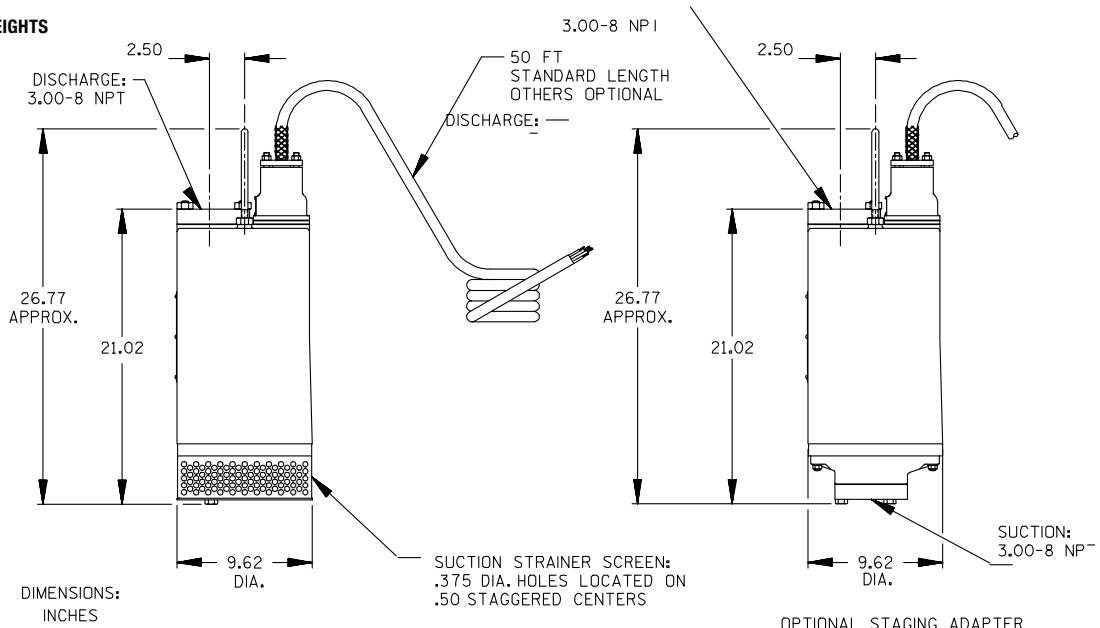


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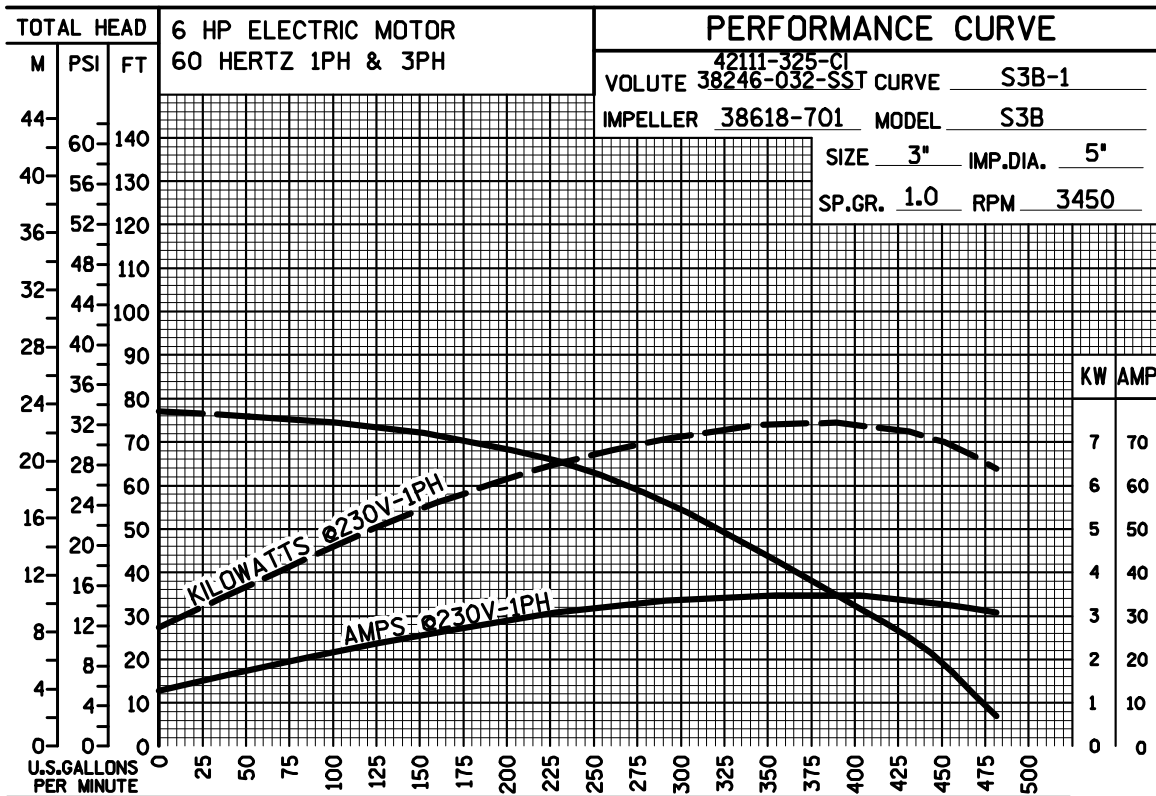
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**APPROXIMATE DIMENSIONS and WEIGHTS**

NET WEIGHT: 145 LBS.  
 SHIPPING WEIGHT 155 LBS.  
 EXPORT CRATE SIZE 7.8 CU. FT.



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



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