Barmesa® Pumps

SUBMERSIBLE EFFLUENT PUMP

Series: 2BEH-SS
0.5 & 1 HP/ 3500 RPM
Discharge: 2"
Spherical solids handling: 3/4"

DISCHARGE
2" NPT, vertical.

LIQUID TEMPERATURE
104 °F (40 °C).

VOLUTE
Cast iron ASTM A-48, class 30.

MOTOR HOUSING
Cast iron ASTM A-48, class 30.

SEAL PLATE
Cast iron ASTM A-48, class 30.

IMPELLER
Design: 2 vane, open, with vanes on back side, dynamically balanced ISO G6.3.
Material: bronze 85-5-5-5.

SHAFT
416 series stainless steel.

HARDWARE
Stainless steel.

SQUARE RINGS
Buna-N.

PAINT
Air dry enamel, water based.

SEAL
Design: inboard single mechanical, oil filled chamber.
Material: silicon carbide, Buna-N elastomer and stainless steel hardware.

CORD ENTRY
15 ft of neoprene cord SJO 14/3, sealed against moisture.

BEARINGS
Upper: ball, permanently oil lubricated, designed for radial load.
Lower: ball, permanently oil lubricated, designed for radial and axial loads.

MOTOR
Single phase: NEMA L, permanent split capacitor, 115 & 230 volts, 3500 RPM, oil filled, with overload protection in motor.
Three phase: NEMA B, 200/230 & 460 volts, 3500 RPM, oil filled. Requires overload protection to be included in control panel.

OPTIONAL EQUIPMENT
Additional cord, tungsten carbide seal, slide rail coupling (SRC-2).

SPECIFICATIONS

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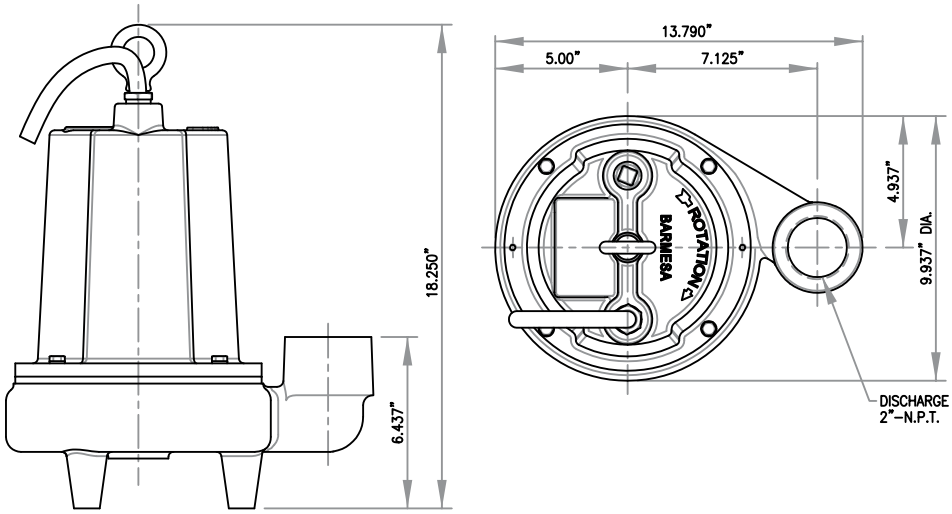
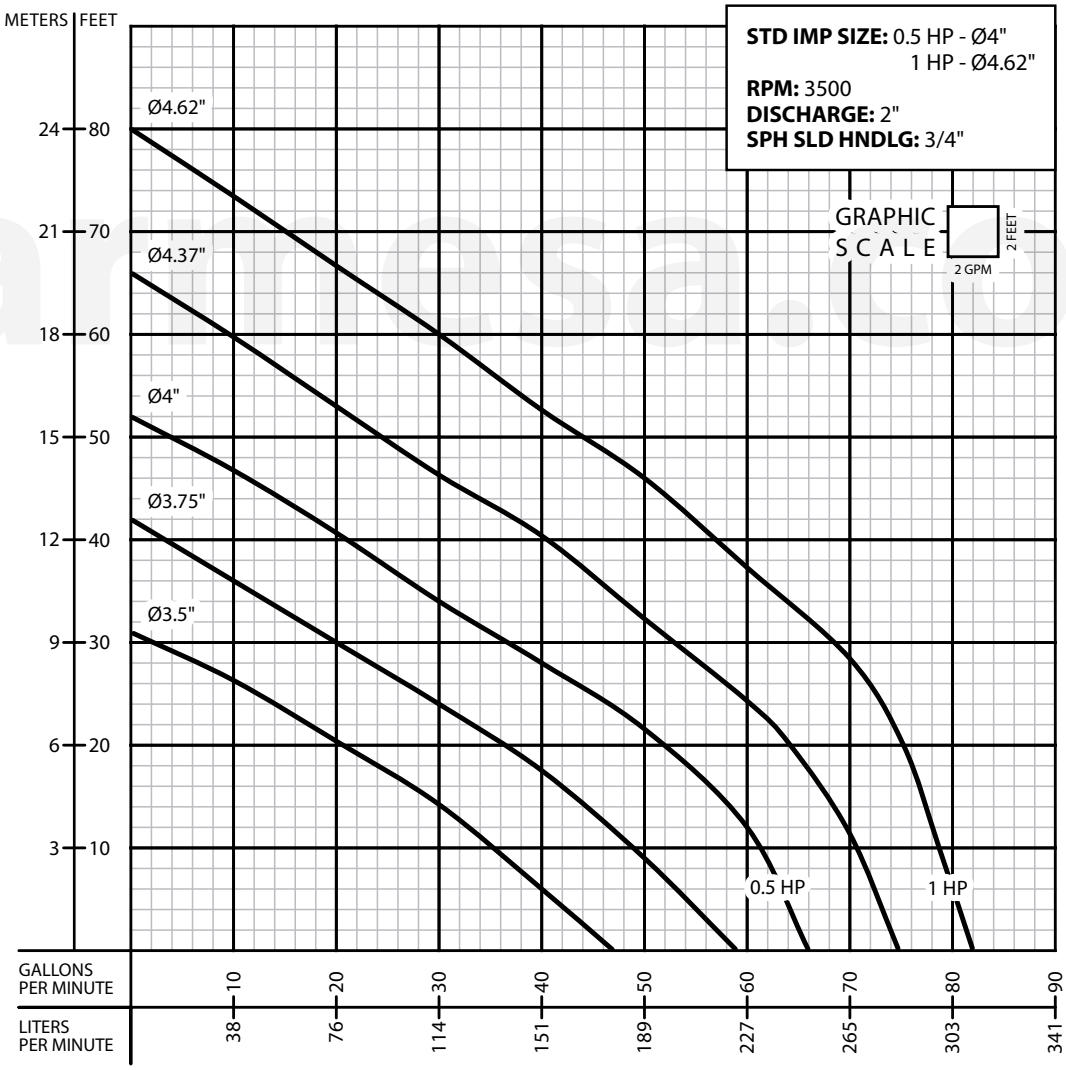


MODEL	PART No.	HP	VOLTS	PHASE	RPM (Nominal)	MAX AMPS	LOCKED ROTOR AMPS	NEMA CODE	CORD SIZE	CORD TYPE	CORD O. D.	WEIGHT (pounds)
2BEH512SS	62170651	0.5	115	1	3500	11	23	F	14/3	SJTOW	0.39"	82
2BEH102SS	62170652	1	230	1	3500	8.2	13.8	B	14/3	SJTOW	0.39"	84
2BEH103SS	62170653	1	200/230	3	3500	5.4	21.2	K	12/4	SOW	0.6"	84
2BEH104SS	62170654	1	460	3	3500	2.8	20.7	K	12/4	SOW	0.6"	84



IMPORTANT!

1. Never use this pump to handle explosive liquids.
2. This pump is not approved to be used in swimming pools, recreational installations or any application where human contact may be common.
3. Pump may be operated "dry" for extended periods without damage to motor and/or seals.
4. Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.