

SUBMERSIBLE EFFLUENT PUMP

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



DISCHARGE

2" NPT, vertical.

LIQUID TEMPERATURE

104 °F (40 °C) continuous

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: single vane enclosed.

Material: polypropylene with stainless steel insert.

SHAFT

Stainless steel

O-RINGS

Square shaped Buna-N

PAINT

Air dry enamel, water based.

SEAL

Design: outboard single mechanical, oil filled chamber.

Material: carbon / ceramic / Buna-N, with stainless steel hardware.

HARDWARE

300 series stainless steel

CORD ENTRY

30 ft of neoprene cord, sealed against moisture.

BEARINGS

Ball, single row, oil lubricated.

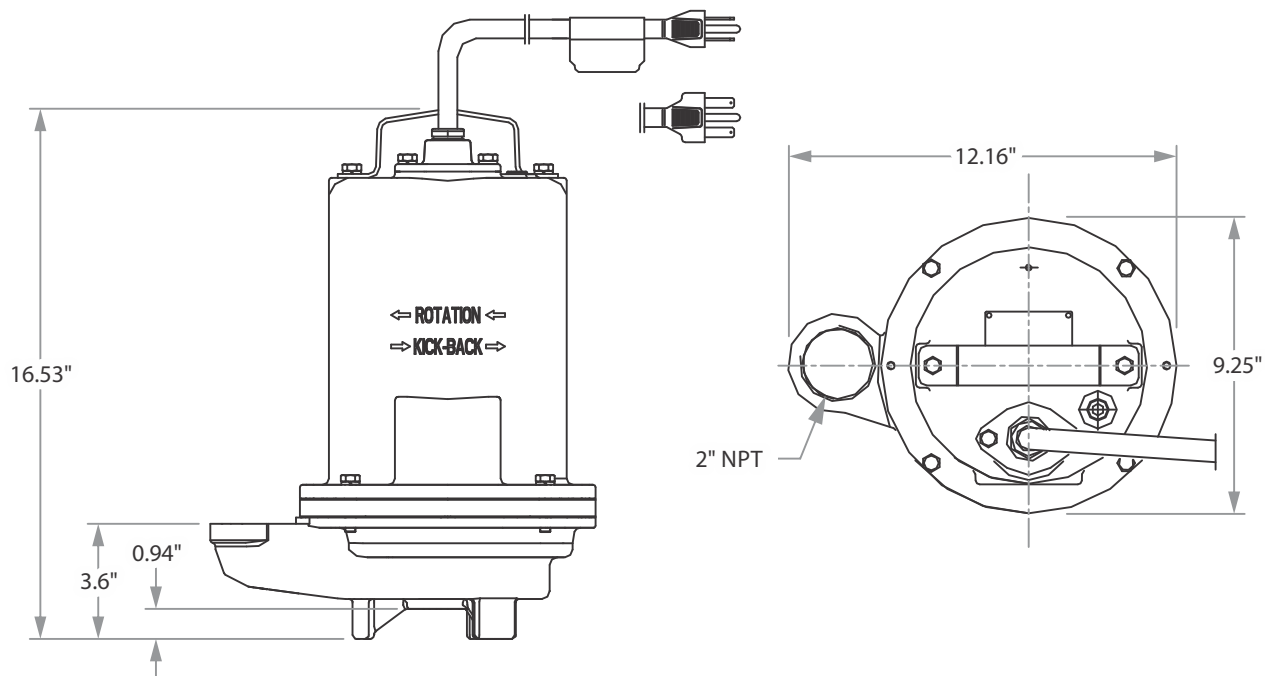
MOTOR

Single phase: NEMA, permanent split capacitor, 115 & 208/230V, 60 Hz, 3500 RPM, oil filled, class B insulation, overload protection in motor.

Three phase: NEMA, 230 & 460 V, 60 Hz, 3500 RPM, oil filled. Requires overload protection to be included in control panel.

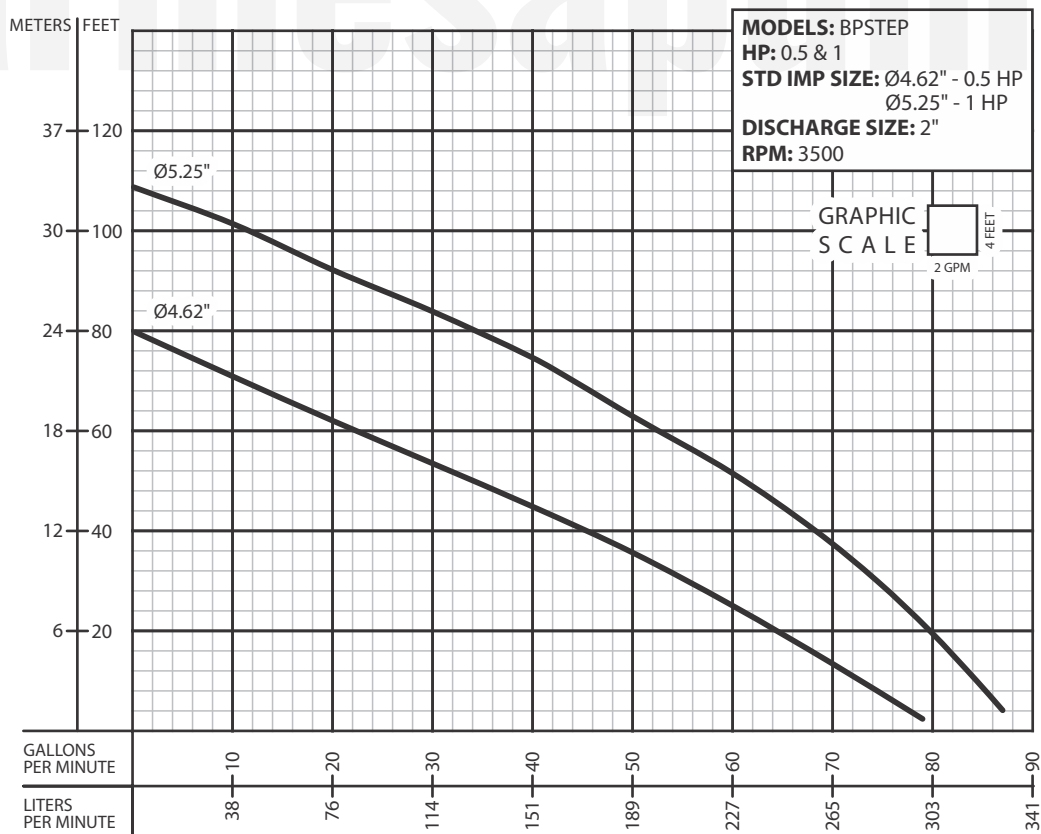
OPTIONAL EQUIPMENT

Seal material, impeller trims, slide rail coupling (SRC-2).



MODEL	PART No.	HP	V	PH	RPM (Nominal)	MAX AMPS	LOCKED ROTOR AMPS	NEMA CODE	CORD SIZE	CORD TYPE	WEIGHT (pounds)
BPSTEP512	62180203	0.5	115	1	3450	13.1	26.2	G	14/3	SOW	80
BPSTEP512A	62180204	0.5	115	1	3450	13.1	26.2	G	14/3	SOW	80
BPSTEP522	62180205	0.5	208/230	1	3450	5.6	13.2	E	14/3	SOW	80
BPSTEP1022	62180206	1	208/230	1	3450	9.1	23.5	F	14/3	SOW	85
BPSTEP103	62180207	1	230	3	3450	5.4	22	-	14/4	SOW	90
BPSTEP104	62180208	1	460	3	3450	2.7	11	-	14/4	SOW	90

• Approx. weight, including packaging.



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.