

# SUBMERSIBLE EFFLUENT PUMP

Series: BPEV512  
0.5 HP / 3450 RPM  
Discharge: 2"  
Spherical solids handling: 3/4"



## DISCHARGE

2" NPT, female, 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.

## IMPELLER

**Design:** vortex.

**Material:** cast iron ASTM A-48 class 30, dynamically balanced, ISO G6.3.

## SHAFT

416 series stainless steel.

## O-RINGS

Square shaped Buna-N.

## PAINT

Air dry enamel, water based.

## SEAL

**Design:** single, mechanical, oil filled chamber.

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

## HARDWARE

300 series stainless steel.

## CORD ENTRY

20 ft of neoprene cord SJTOW 16/3, sealed against moisture.

## BEARINGS

**Upper:** ball, single row, oil lubricated, for radial load.

**Lower:** ball, single row, oil lubricated, for radial load.

## MOTOR

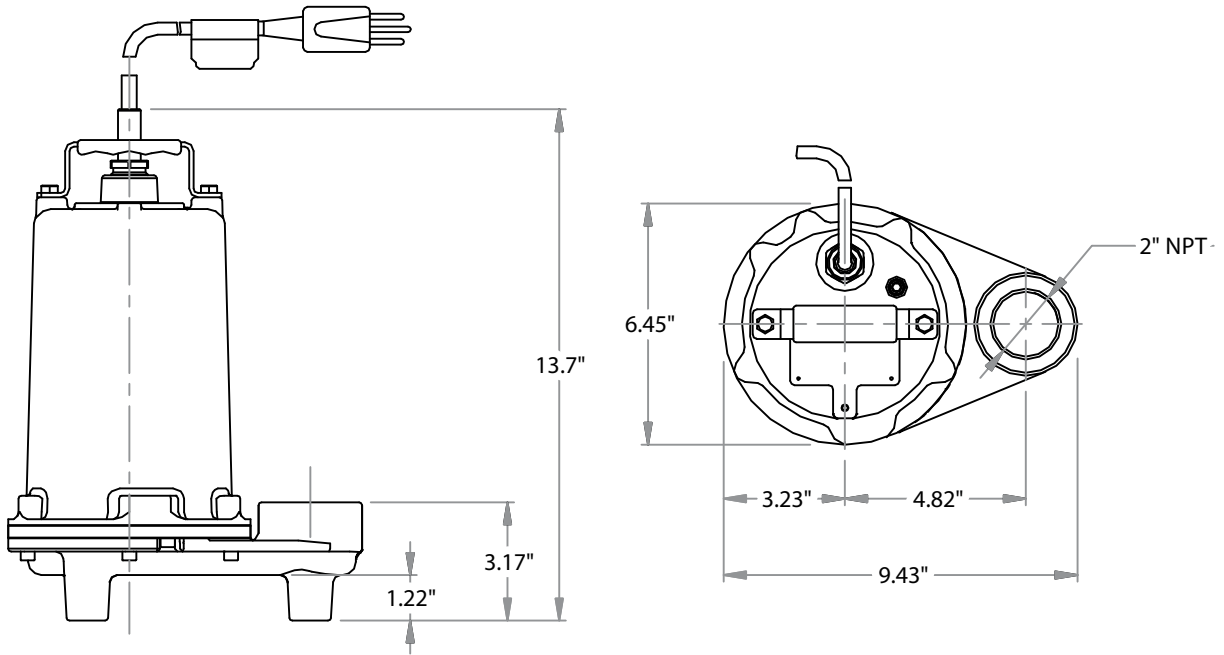
NEMA L, single phase, permanent split capacitor, 115 volts, 60 Hz, 3450 RPM, oil filled, with overload protection in motor.

## PUMP OPERATION

Manual or automatic float switch.

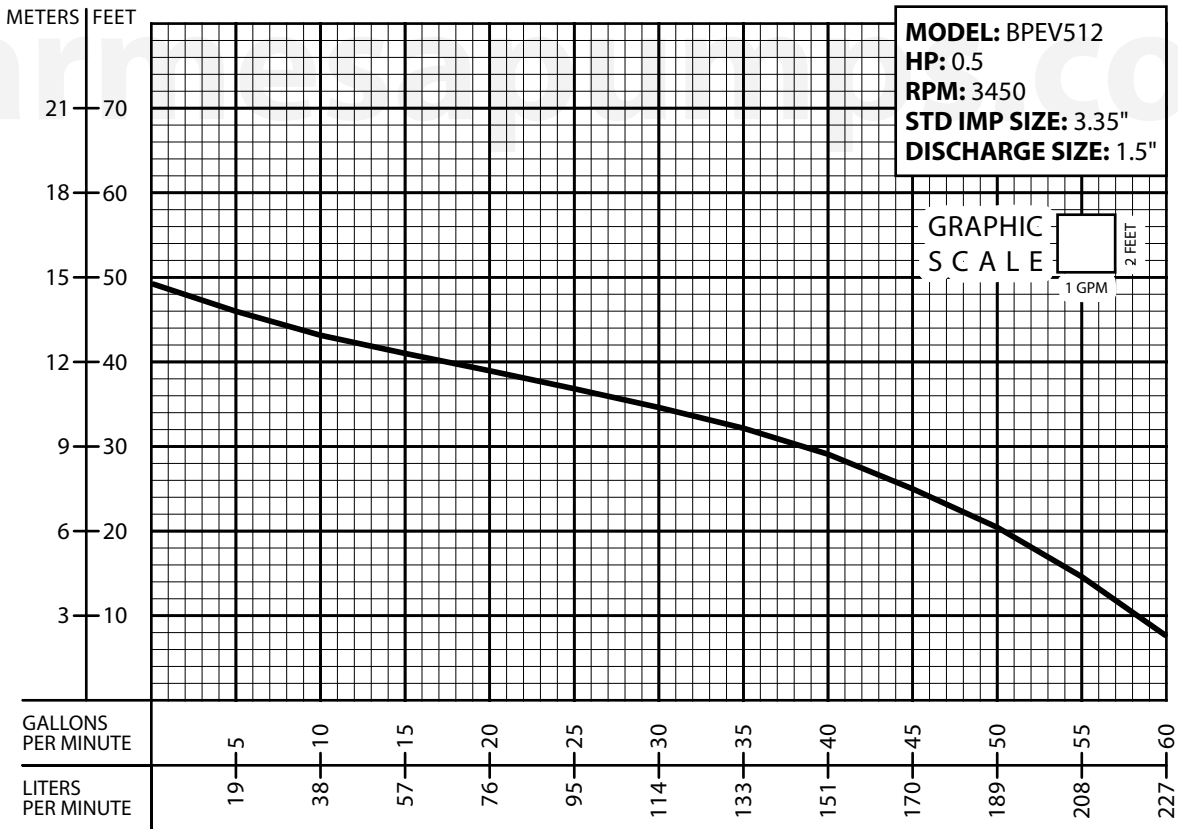
## OPTIONAL EQUIPMENT

Additional cord, slide rail coupling (SRC-1½).



MODEL	PART No.	HP	VOLTS	PHASE	RPM (Nominal)	MAX AMPS	LOCKED ROTOR AMPS	CORD SIZE	CORD TYPE	WEIGHT (pounds)
BPEV512	62180201	0.5	115	1	3450	8	16	16/3	SJTOW	50
BPEV512A	62180202	0.5	115	1	3450	8	16	16/3	SJTOW	49

A = Automatic Float Switch



**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.