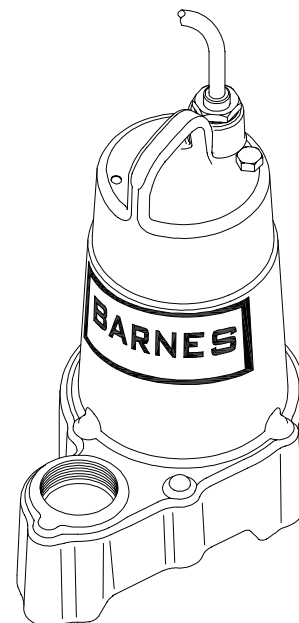


### Submersible Effluent Pumps

## Specifications:

DISCHARGE .....	1½" NPT, Female, Vertical
LIQUID TEMPERATURE .....	104°F (40°C) Continuous
MOTOR HOUSING .....	Cast Iron
PUMP STRAINER .....	Thermoplastic
IMPELLER: <i>Design</i> .....	10 Vane vortex, with pump out vanes on back side. Balanced, ISO G6.3
<i>Material</i> .....	Cast Iron
SHAFT .....	Stainless Steel
O-RINGS .....	Buna-N
HARDWARE .....	300 Series Stainless Steel
PAINT .....	Air Dry Enamel
SEAL: <i>Design</i> .....	Single Mechanical, Type 21
<i>Material</i> .....	Carbon/Ceramic/Buna-N
Hardware .....	300 Series Stainless
CORD ENTRY .....	20 ft. (6m) Cord with plug and pressure Grommet for sealing and strain relief
UPPER BEARING.....	Single Row, Ball, Oil Lubricated
LOWER BEARING.....	Single Row, Ball, Oil Lubricated
MOTOR: <i>Design</i> .....	Oil Filled
<i>Insulation</i> .....	Class B
SINGLE PHASE.....	Permanent Split Capacitor (PSC). Includes thermal overload protection in motor
LEVEL CONTROL	
SP50X.....	None
SP50AX .....	Wide angle, Mechanical, 20 ft. (6m) cord
SP50VFX .....	Vertical float, PVC, snap action, 20 ft (6m) cord
MINIMUM SUMP DIA:	
SP50AX .....	18" (457mm)
SP50X & SP50VXF	12" (305mm)



## Series: SP50 1/2HP, 3450RPM, 60Hz



## DESCRIPTION:

PUMP IS DESIGNED FOR HANDLING SEWAGE EFFLUENT IN TYPICAL SEPTIC TANK/EFFLUENT APPLICATIONS.

Series SP50

1/2" Spherical Solids Handling  
Manual & Automatic, Sump/Effluent



www.cranepumps.com

Submersible Effluent Pumps

**Model: SP50X**

11.76 (299)  
8.70 (221)  
3.06 (78)  
8.52 (216)  
3.87 (98)  
1.70 (43)  
3.28 (83)  
1.85 (47)  
6.23 (158)  
1-1/2 (38) N.P.T. DISCHARGE

**Model: SP50VFX**

9.01 (229)  
4.36 (114)  
2.95 (60)  
ON  
OFF

**Model: SP50AX**

9.00 (229)  
120° PUMPING DIFFERENTIAL

MODEL NO	PART NO	HP	VOLT/PH	Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	CORD LENGTH	CORD SIZE	CORD TYPE
SP50X	112875	1/2	120/1	60	3450	A	6.8	20 ft. (6m)	18/3	SJTOW
SP50AX	112877	1/2	120/1	60	3450	A	6.8	20 ft. (6m)	18/3	SJTOW
SP50VFX	112879	1/2	120/1	60	3450	A	6.8	20 ft. (6m)	18/3	SJTOW

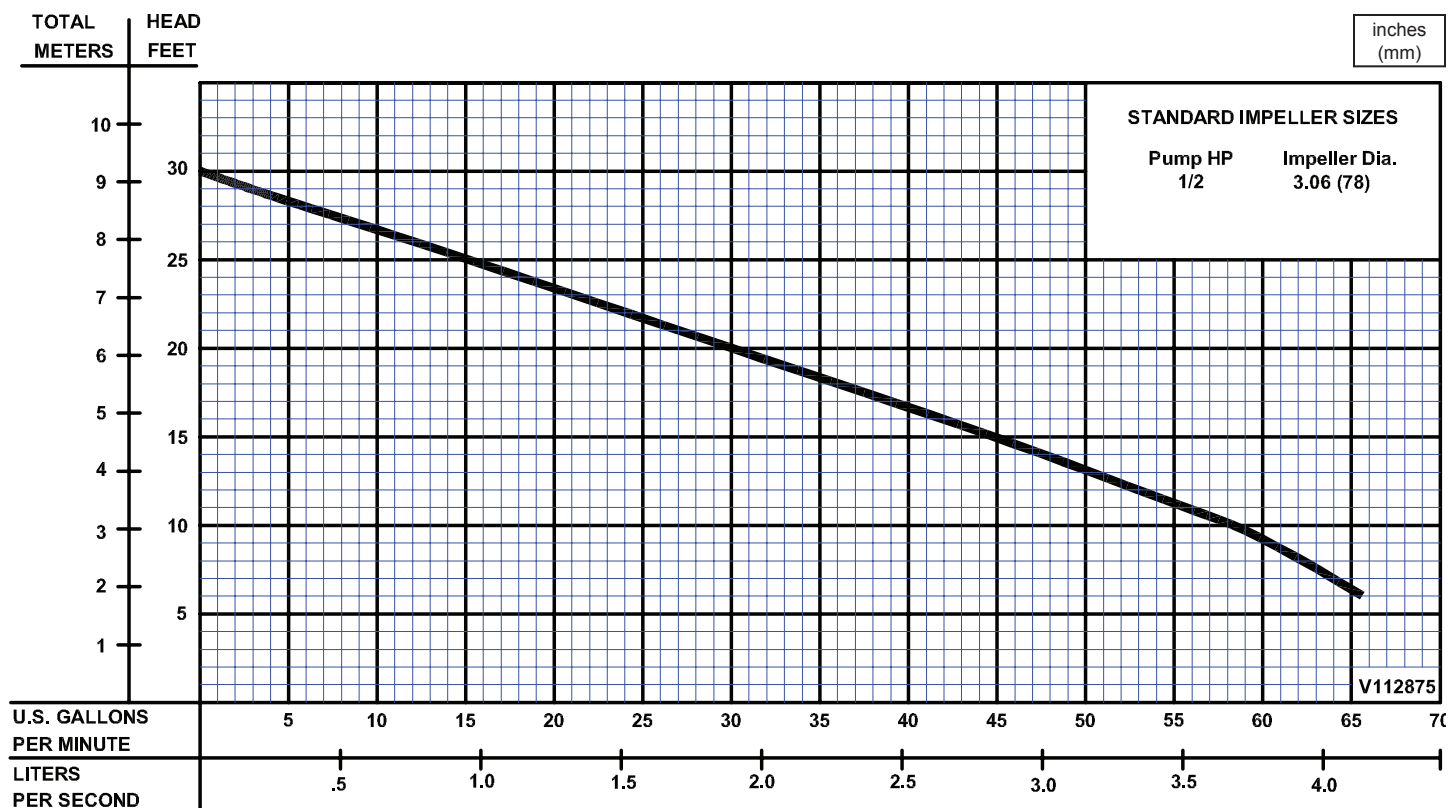
**IMPORTANT !**

1.) PUMP MAY BE OPERATED "DRY" FOR EXTENDED PERIODS WITHOUT DAMAGE TO MOTOR AND/OR SEALS.

2.) THIS PUMP IS NOT APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION I HAZARDOUS LOCATIONS.

3.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.

### Submersible Effluent Pumps



Testing is performed with water, specific gravity 1.0 @ 68° F @ (20°C), other fluids may vary performance