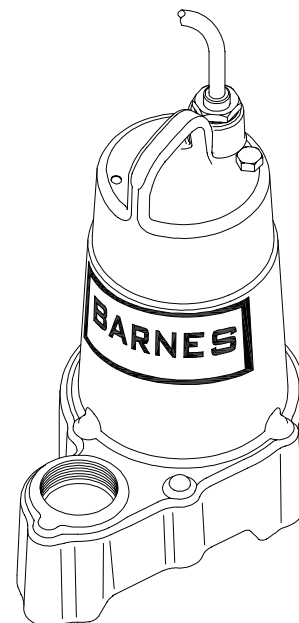


### Submersible Effluent Pumps

## Specifications:

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

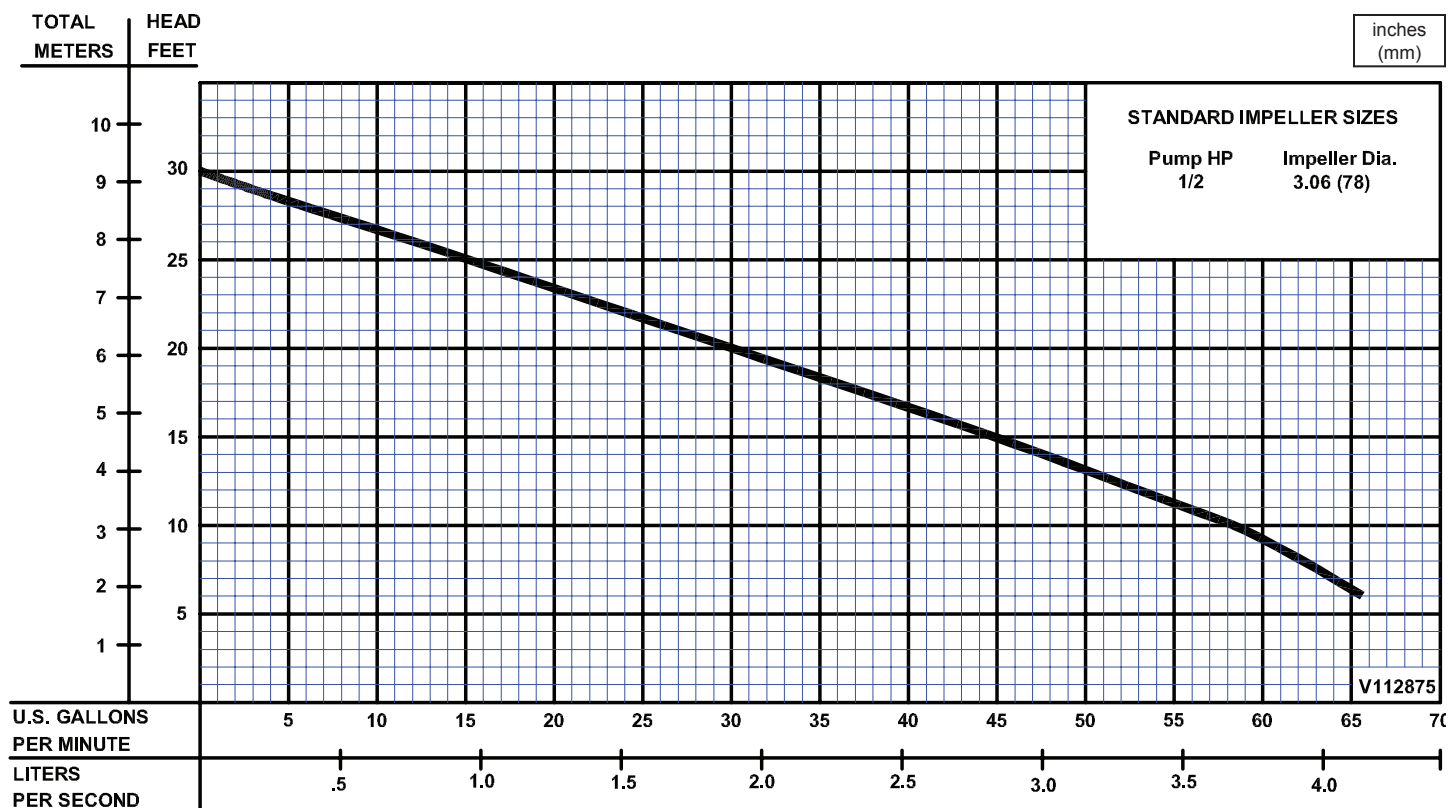
**IMPORTANT !**

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