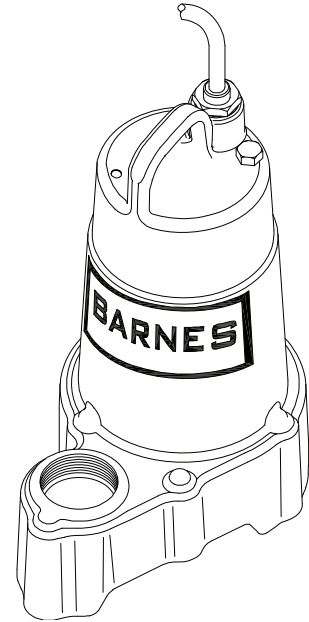


Submersible Effluent Pumps

Specifications:

DISCHARGE	1½" NPT, Female, Vertical
LIQUID TEMPERATURE	104°F (40°C) Continuous
MOTOR HOUSING	Cast Iron
PUMP STRAINER	Thermoplastic
IMPELLER: Design	10 Vane vortex, with pump out vanes on back side. Balanced, ISO G6.3
Material	Cast Iron
SHAFT	Stainless Steel
O-RINGS	Buna-N
HARDWARE	300 Series Stainless Steel
PAINT	Air Dry Enamel
SEAL: Design	Single Mechanical, Type 21
Material	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: Design	Oil Filled
Insulation	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.



WARNING:

CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV



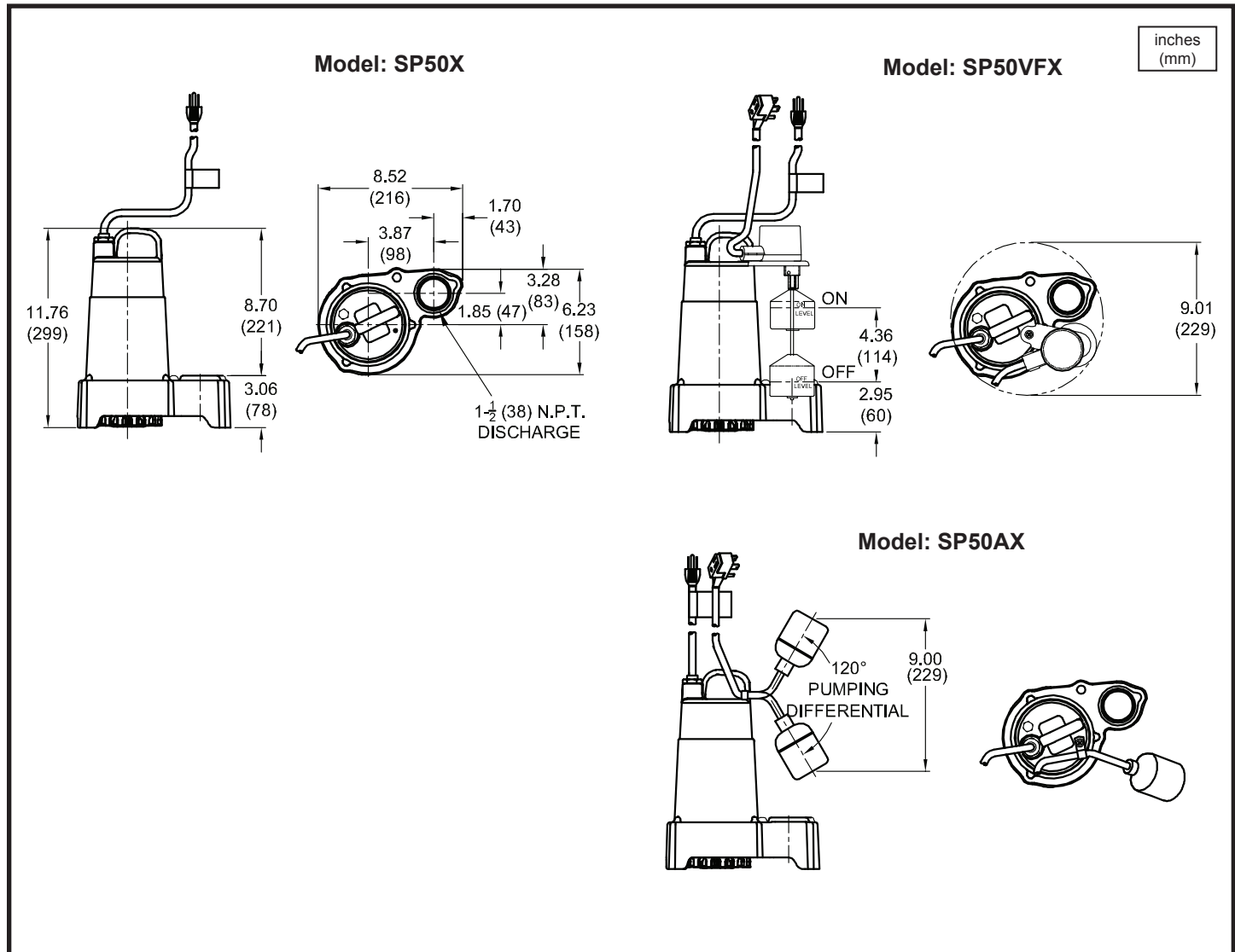
Series SP50

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

BARNES®

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Submersible Effluent Pumps



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 !

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

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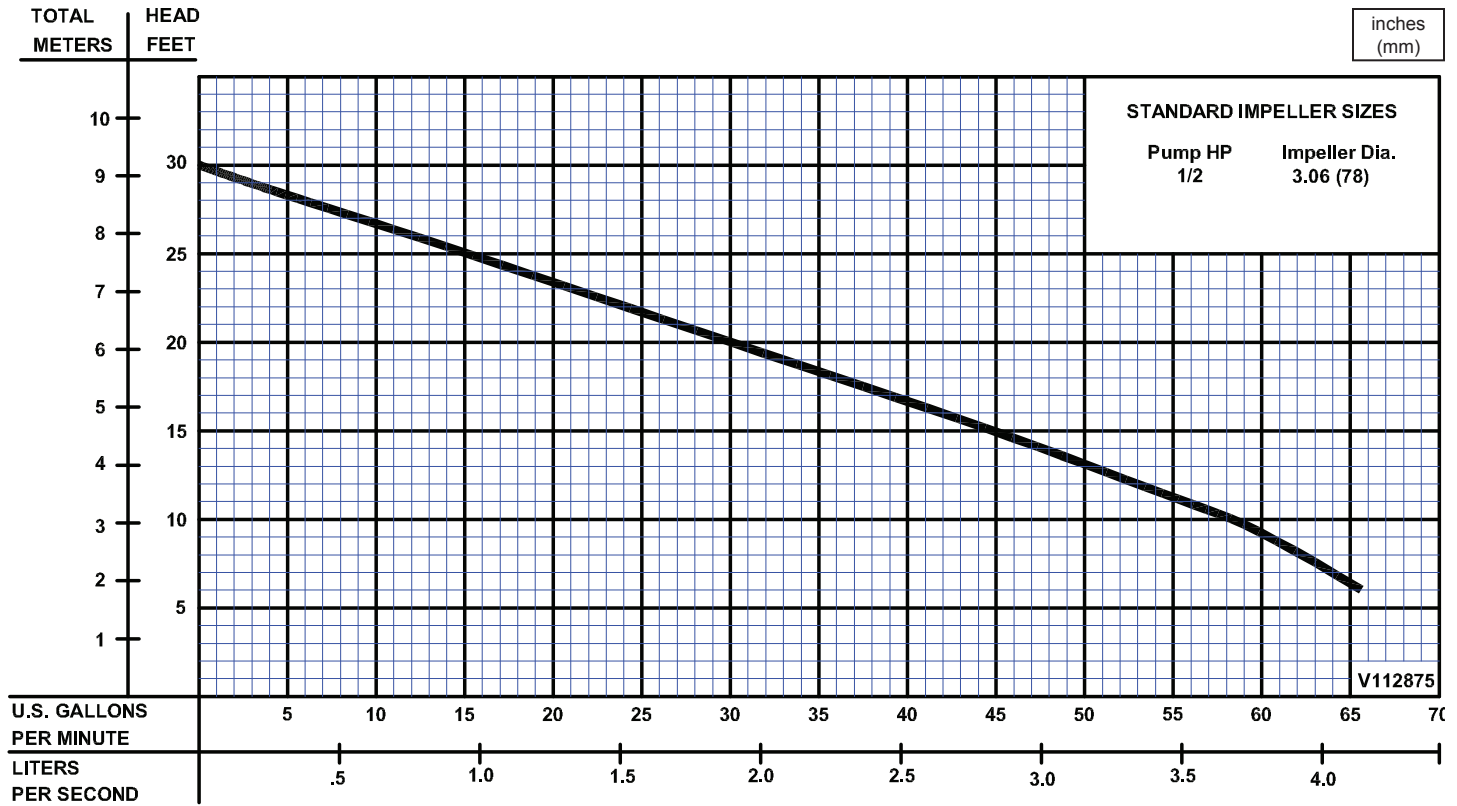
CRANE®

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PUMPS & SYSTEMS

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Submersible Effluent Pumps



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