

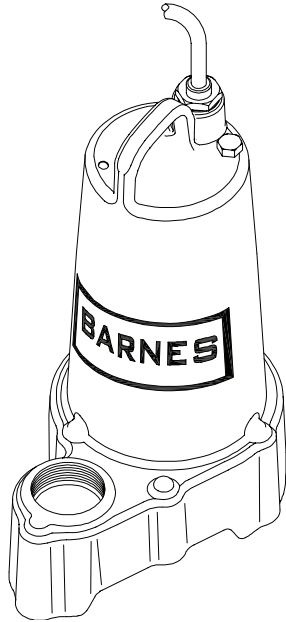
# Series SP75

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

# BARNES®

www.cranepumps.com

## 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
<b>CORD ENTRY</b> .....	Hardware -300 Series Stainless
<b>UPPER BEARING</b> .....	20 ft. (6m) Cord with plug and pressure Grommet for sealing and strain relief
<b>LOWER BEARING</b> .....	Single Row, Ball, Oil Lubricated
<b>MOTOR: Design</b> .....	Single Row, Ball, Oil Lubricated
<b>Insulation</b> .....	Oil Filled
<b>SINGLE PHASE</b> .....	Class B
	Permanent Split Capacitor (PSC).
	Includes thermal overload protection in motor
<b>LEVEL CONTROL</b>	
SP75X .....	None
SP75AX .....	Wide angle, Mechanical, 20 ft. (6m) cord
SP75VFX .....	Vertical float, PVC, snap action, 20 ft. (6m) cord
<b>MINIMUM SUMP DIA:</b>	
SP75AX .....	18" (457mm)
SP75X & SP75VXF	12" (305mm)

**Series: SP75**  
**3/4HP, 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

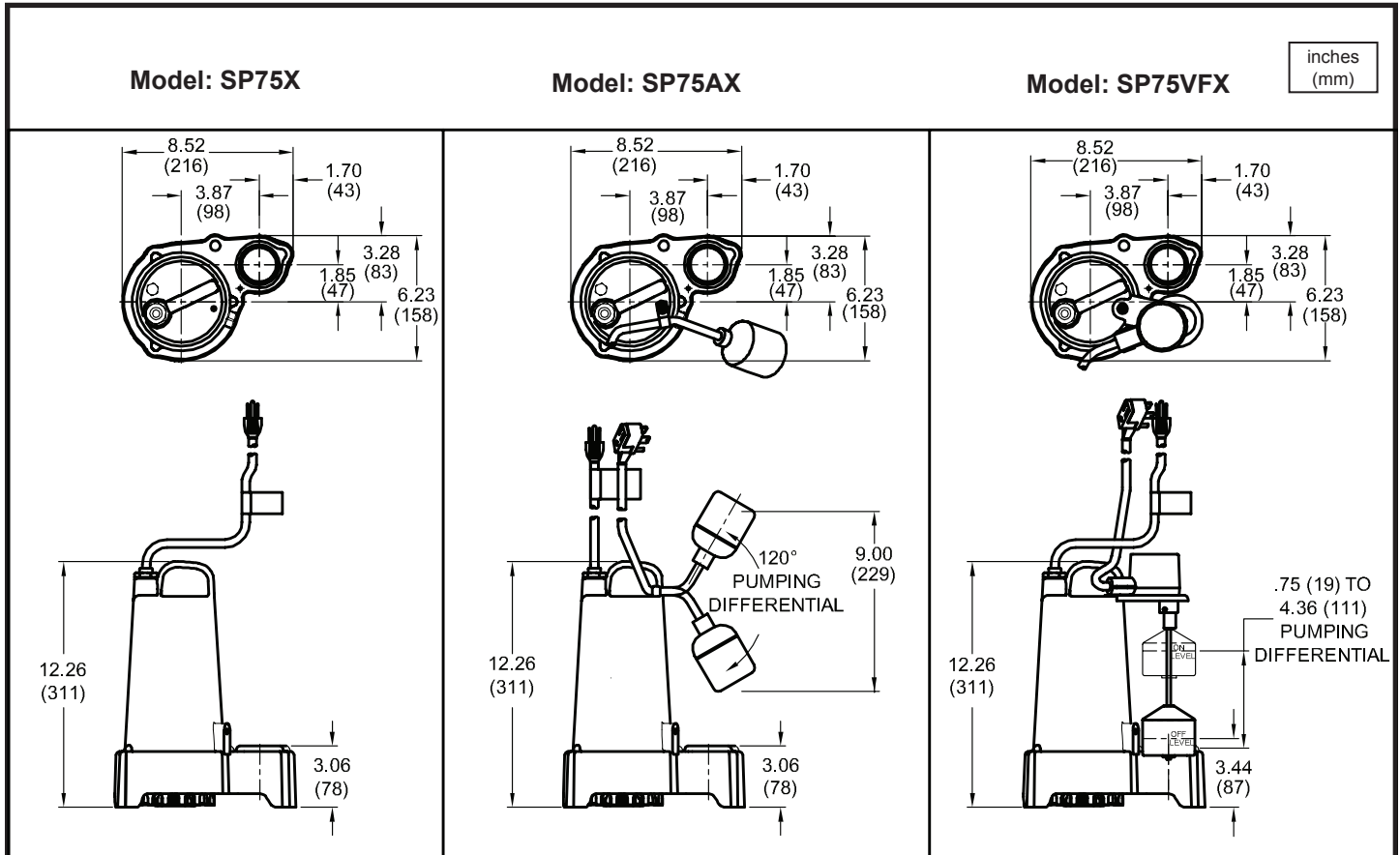


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**PUMPS & SYSTEMS**

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MODEL NO	PART NO	HP	VOLT/PH	Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	CORD LENGTH	CORD SIZE	CORD TYPE
SP75X	115368	3/4	120/1	60	3450	H	9.8	20 ft. (6m)	18/3	SJTOW
SP75AX	115369	3/4	120/1	60	3450	H	9.8	20 ft. (6m)	18/3	SJTOW
SP75VFX	115370	3/4	120/1	60	3450	H	9.8	20 ft. (6m)	18/3	SJTOW

**IMPORTANT !**

- 1.) PUMP MAY BE OPERATED "DRY" FOR EXTENDED PERIODS WITHOUT DAMAGE TO MOTOR AND/OR SEALS.
- 2.) 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.

# Series SP75

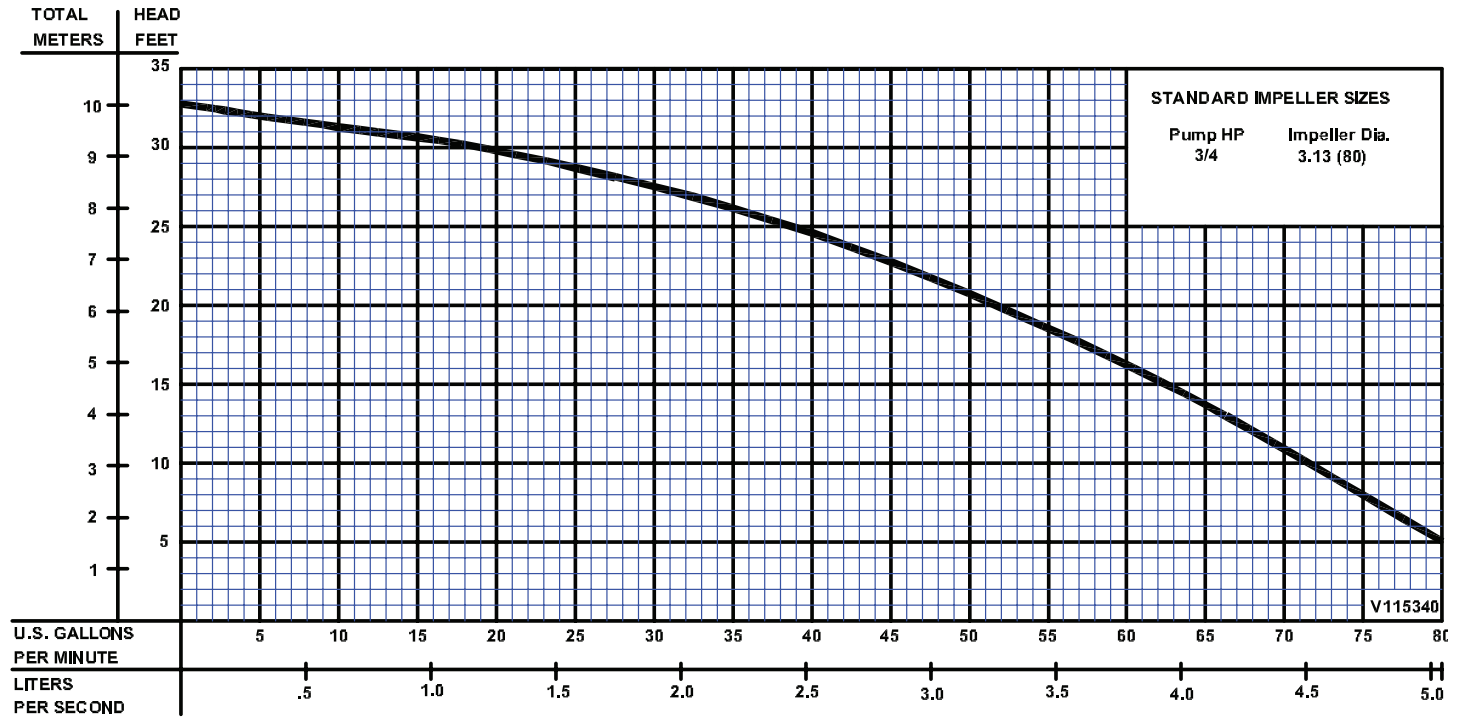
Performance Curve  
3/4HP, 3450RPM, 60Hz

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inches  
(mm)



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

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