

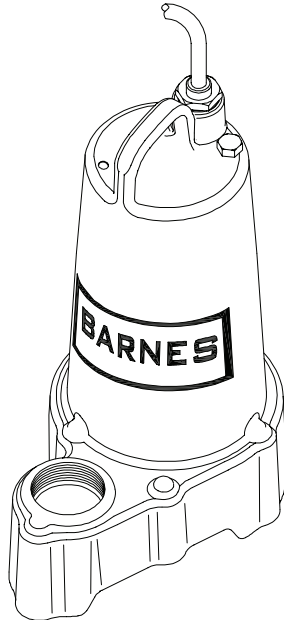
Series SP75

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

BARNES®

www.cranepumps.com

Submersible Effluent Pumps



Series: SP75 3/4HP, 3450RPM, 60Hz



DESCRIPTION:

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

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	
SP75X.....	None
SP75AX	Wide angle, Mechanical, 20 ft. (6m) cord
SP75VFX	Vertical float, PVC, snap action, 20 ft. (6m) cord
MINIMUM SUMP DIA:	
SP75AX	18" (457mm)
SP75X & SP75VXF	12" (305mm)

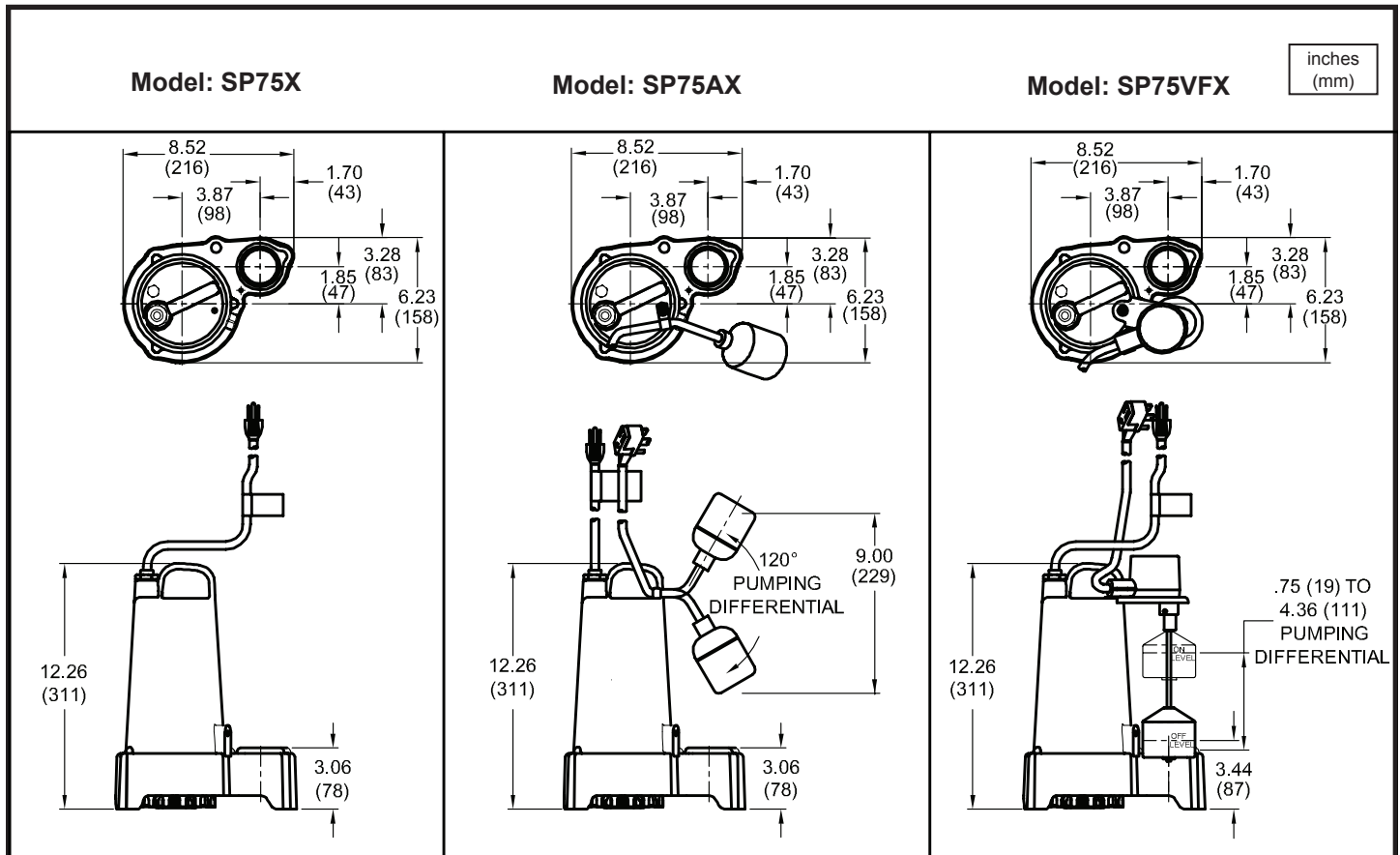
SECTION 3A
PAGE 40
DATE 7/10

CRANE®

A Crane Co. Company

PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598



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

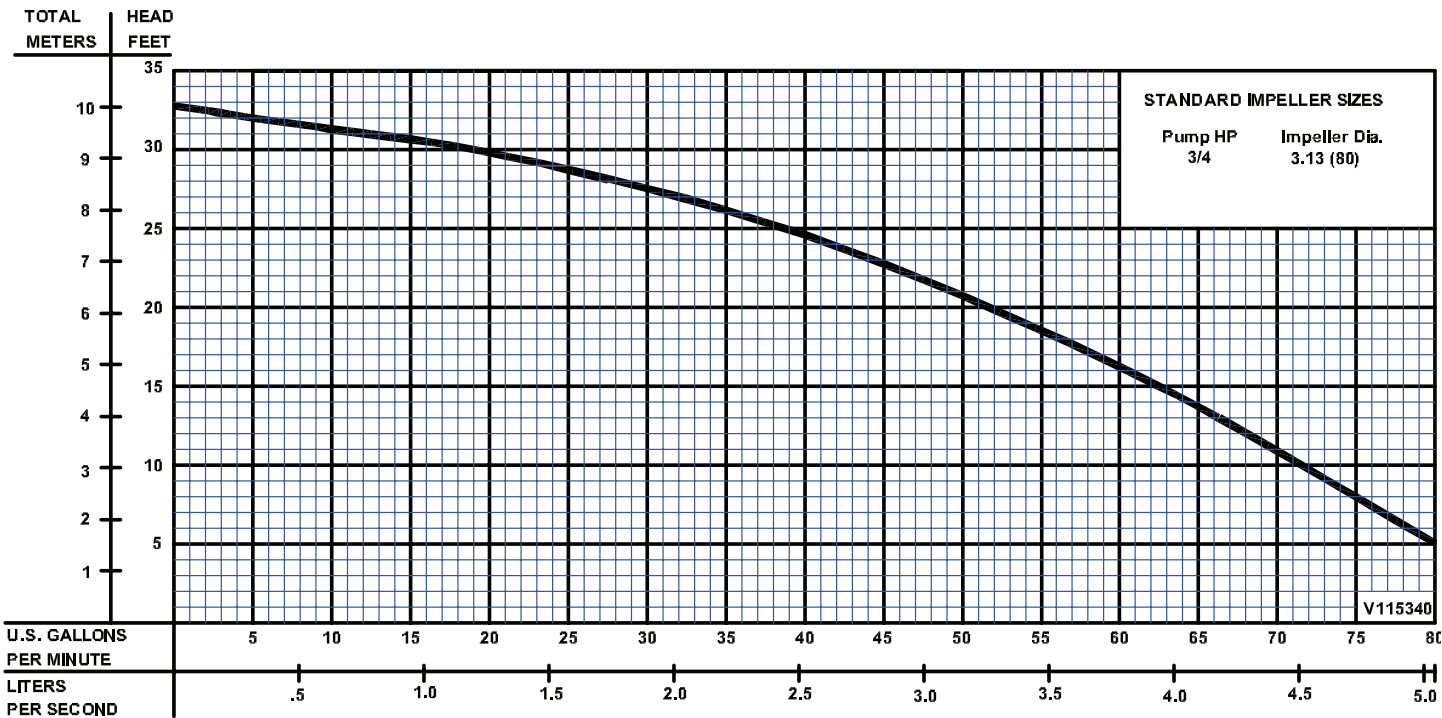
IMPORTANT !

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

Series SP75
Performance Curve
3/4HP, 3450RPM, 60Hz

Submersible Effluent Pumps

inches
(mm)



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