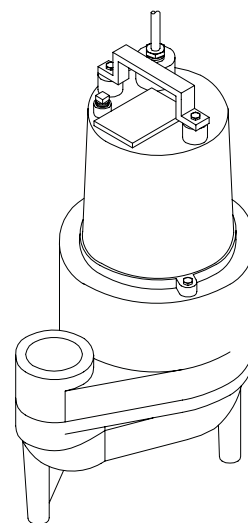


## ***Submersible Non-Clog Pumps***

<b>DISCHARGE</b> .....	2" NPT, Female, Vertical
<b>LIQUID TEMPERATURE</b> .....	77°F (25°C) Continuous
<b>MOTOR HOUSING</b> .....	Cast Iron
<b>PUMP BODY</b> .....	Cast Iron
<b>IMPELLER:</b> <i>Design</i> .....	Multi-Vane, Vortex
<i>Material</i> .....	Cast Iron
<b>SHAFT</b> .....	416 Stainless Steel
<b>O-RINGS</b> .....	Buna-N
<b>HARDWARE</b> .....	300 Series Stainless Steel
<b>PAINT</b> .....	Air Dry Enamel
<b>CORD ENTRY</b> .....	20 ft. (6m) Quick Disconnect Cord with plug on 115 Volt, Pressure Grommet for sealing and strain relief
<b>SEAL:</b> <i>Design</i> .....	Single Mechanical, Oil Filled Reservoir
<i>Material</i> .....	Carbon/Ceramic/Buna-N
	Hardware - 300 Series Stainless
<b>UPPER BEARING</b> .....	Single Row, Ball, Oil Lubricated
<b>LOWER BEARING</b> .....	Single Row, Ball, Oil Lubricated
<b>MOTOR:</b> <i>Design</i> .....	Oil Filled
<i>Insulation</i> .....	Class B
<b>SINGLE PHASE</b> .....	Permanent Split Capacitor (PSC) Includes Overload Protection in Motor
<b>LEVEL CONTROL:</b>	
SEV412 .....	None
SEV412A .....	Wide Angle, Mechanical, 20 ft (6m) cord Pipe Mounted
SEV412VF .....	Vertical Float, PVC, Snap Action
SEV412VFT .....	Attached Vertical Float, PVC, Snap Action
SEV412AT .....	Wide Angle, Mechanical, 20 ft (6m) cord Pump Mounted
SEV412DT .....	Diaphragm Switch, Press Operated, snap Action, Normally Open, 20ft. (6m) Cord



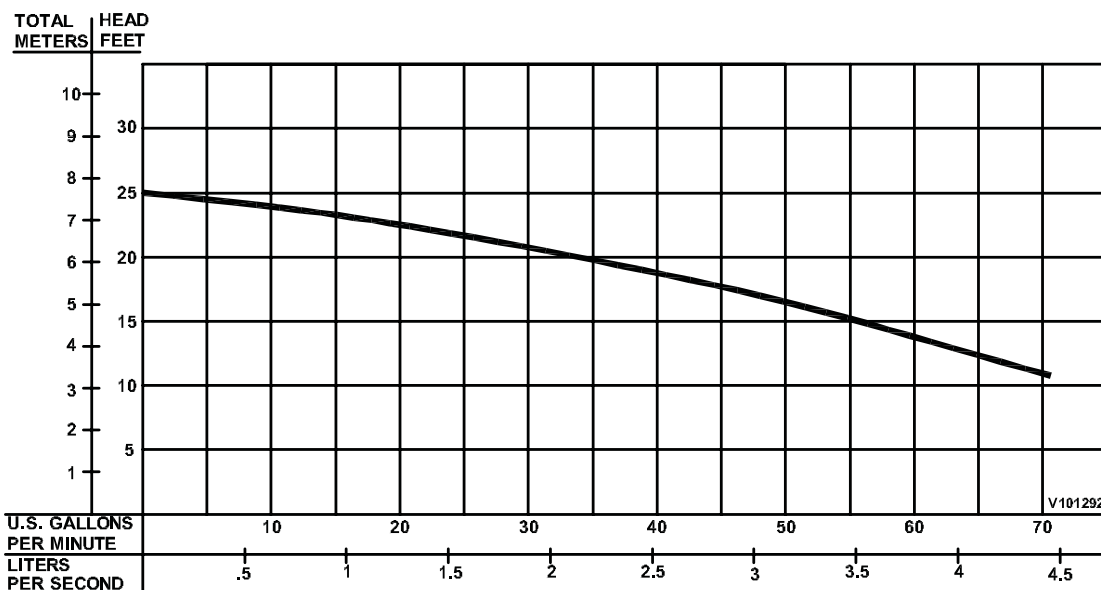
Series: SEV  
0.5 HP, 3450RPM, 60Hz



CSA 108 - File No. LR16567  
UL 778

**DESCRIPTION:**

**SUBMERSIBLE NON-CLOG SEWAGE PUMP DESIGNED FOR TYPICAL RAW SEWAGE APPLICATIONS**



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

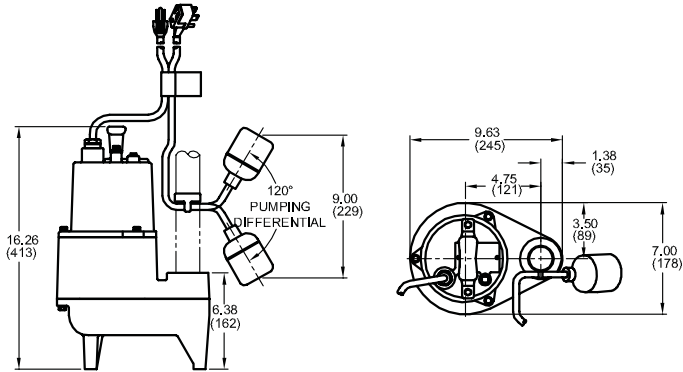
# Series SEV

2" Spherical Solids Handling  
Manual & Automatic

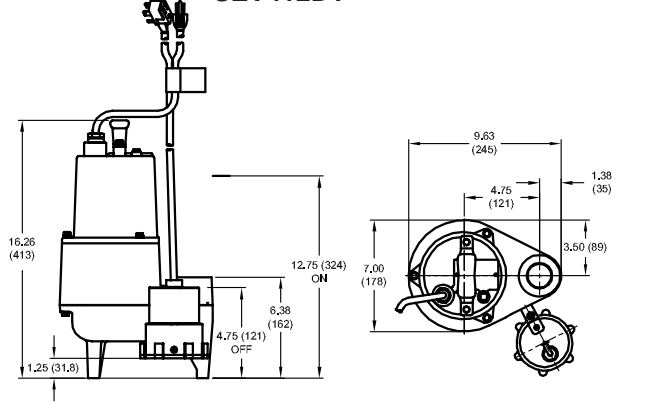
**BARNES®**  
Professional Plumbing  
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## Submersible Non-Clog Pumps

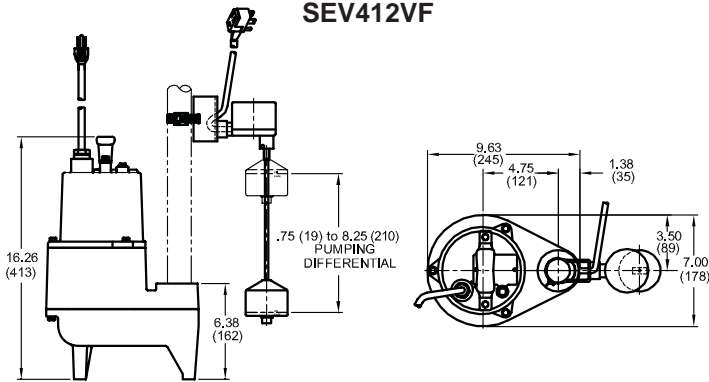
**SEV412A**  
**SEV412 (Less Float)**  
**SEV412AT (Attached to Motor Housing)**



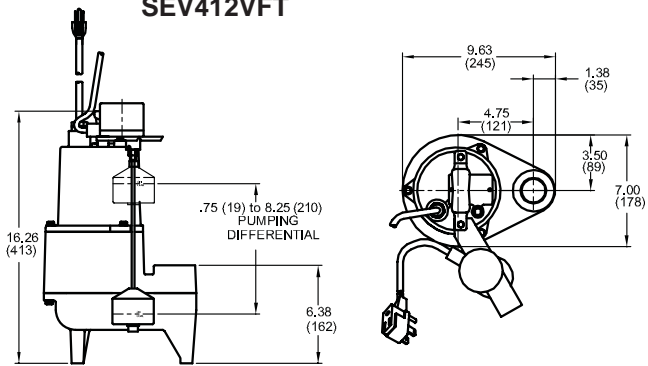
**SEV412DT**



**SEV412VF**



**SEV412VFT**



MODEL NO	PART NO	HP	VOLT/PH	Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD LENGTH	CORD SIZE	CORD TYPE
SEV412	101292	0.5	115/1	60	3450	H	10.50	18.6	20 ft. (6m)	14/3	SJTOW
SEV412A	101293	0.5	115/1	60	3450	H	10.50	18.6	20 ft. (6m)	14/3	SJTOW
SEV412VF	101294	0.5	115/1	60	3450	H	10.50	18.6	20 ft. (6m)	14/3	SJTOW
SEV412AT	103544	0.5	115/1	60	3450	H	10.50	18.6	20 ft. (6m)	14/3	SJTOW
SEV412VFT	110404	0.5	115/1	60	3450	H	10.50	18.6	20 ft. (6m)	14/3	SJTOW
SEV412DT	119614	0.5	115/1	60	3450	H	10.50	18.6	20 ft. (6m)	14/3	SJTOW

### IMPORTANT !

- 1.) PUMP MAY BE OPERATED "DRY" FOR EXTENDED PERIODS WITHOUT DAMAGE TO MOTOR AND/OR SEALS.
- 2.) THIS PUMP IS APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION II HAZARDOUS LOCATIONS.
- 3.) THIS PUMP IS NOT APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION I HAZARDOUS LOCATIONS.
- 4.) 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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