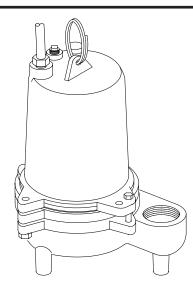




2" Spherical Solids Handling Manual & Automatic

# Submersible Non-Clog Pumps

DISCHARGE ......2" NPT, Female, Vertical LIQUID TEMPERATURE ......SE411: 77°F (25°C) Continuous SE421: 104°F (40°C) Continuous VOLUTE......Cast Iron ASTM A-48, Class 30 MOTOR HOUSING ......Cast Iron ASTM A-48, Class 30 SEAL PLATE ......Cast Iron ASTM A-48, Class 30 IMPELLER: Design......2 Vane, Open with pump out vanes on back side Dynamically Balanced, ISO G6.3 Material ......Cast Iron ASTM A-48, Class 30 SHAFT ......416 Stainless Steel SQUARE RINGS ......Buna-N HARDWARE ......300 Series Stainless Steel PAINT.....Air Dry Enamel Design ...... Single Mechanical, Oil Filled Reservoir, SEAL: Secondary Exclusion Seal Material ......Carbon/Ceramic/Buna-N Hardware - 300 Series Stainless CORD ENTRY ......15 ft. (5m) Quick Disconnect Cord with plug On 115 Volt, Pressure Gromment for sealing and strain relief UPPER BEARING......Single Row, Ball, Oil Lubricated LOWER BEARING......Single Row, Ball, Oil Lubricated MOTOR: Design ......NEMA L Torque Curve, Oil Filled, Squirrel Cage Induction Insulation ......Class B SINGLE PHASE.....Permanent Split Capacitor (PSC) Includes Overload Protection in Motor LEVEL CONTROL ......"A" - Wide Angle, PVC, Mechanical, 15 ft (5m) cord with Piggy-Back Plug, N/O VF" - Vertical Float, PVC, Snap Action, 15 ft (5m) cord, with Piggy-Back plug. OFF point ONLY is adjustable OPTIONAL EQUIPMENT .....Seal Material, Additional Cord



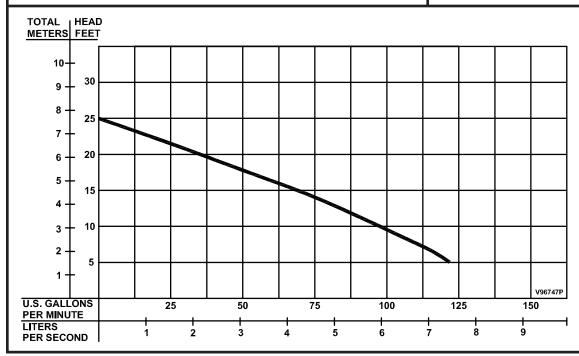
Series: SE (SE411 & SE421) .4HP, 1750RPM, 60Hz



CSA 108 UL 778 LR16567

#### **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

CRANE

A Crane Co. Company

**PUMPS & SYSTEMS** 

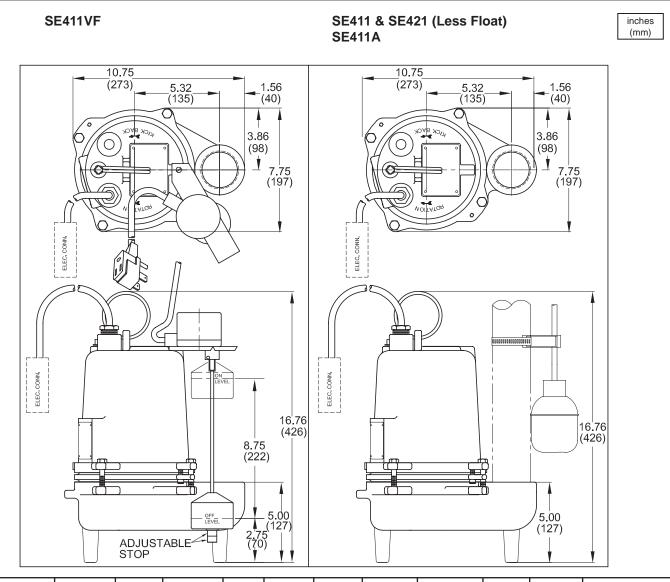
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# Series SE

2" Spherical Solids Handling Manual & Automatic



### Submersible Non-Clog Pumps



MODEL NO	PART NO	HP	VOLT/PH	Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD SIZE	CORD TYPE	CORD O.D inch (mm)
SE411	096747	0.4	115/1	60	1750	С	12.0	19.0	14/3	SJTOW	0.375 (9.5)
SE411A	096748	0.4	115/1	60	1750	С	12.0	19.0	14/3	SJTOW	0.375 (9.5)
SE411VF	100836	0.4	115/1	60	1750	С	12.0	19.0	14/3	SJTOW	0.375 (9.5)
SE421	096750	0.4	230/1	60	1750	С	6.2	13.0	14/3	SJTOW	0.375 (9.5)

Mechanical Switch on SE-A, cord 16/2, SJOW, Piggy-Back Plug Vertical Switch on SE-VF, cord 16/2, SJOW, 0.320 (8.1mm) O.D. Piggy-Back Plug

#### 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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