

www.cranepumps.com

Series SE-411/421

2" Spherical Solids Handling Manual & Automatic

11/2", 2" & 3" Discharge

DISCHARGE2" 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 PLATECast 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 SHAFT416 Stainless Steel SQUARE RINGSBuna-N HARDWARE300 Series Stainless Steel PAINTAir Dry Enamel

DesignSingle Mechanical, Oil Filled Reservoir.

Secondary Exclusion Seal Material Carbon/Ceramic/Buna-N

Hardware - 300 Series Stainless

CORD ENTRY...... 15 ft. (5m) Quick Disconnect Cord with plug

On 115Volt, Pressure Gromment for sealing

and strain relief

SPEED 1750 RPM (Nominal)

UPPER BEARING......Single Row, Ball, Oil Lubricated

LoadRadial

LOWER BEARING......Single Row, Ball, Oil Lubricated

Load Radial & Thrust

DesignNEMA L Torque Curve, Oil Filled, Squirrel MOTOR:

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

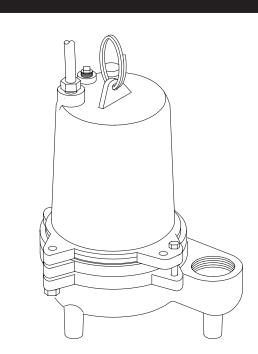
RECOMMENDED:

Accessories..... Break Away Fitting (BAF)

Check Valve

Control Panel

Seal Kit PN 085202 Service Kit PN.085201



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





CSA 108 III 778 LR16567

Sample Specifications: Section 1 Page 3.

DESCRIPTION:

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



PUMPS & SYSTEMS

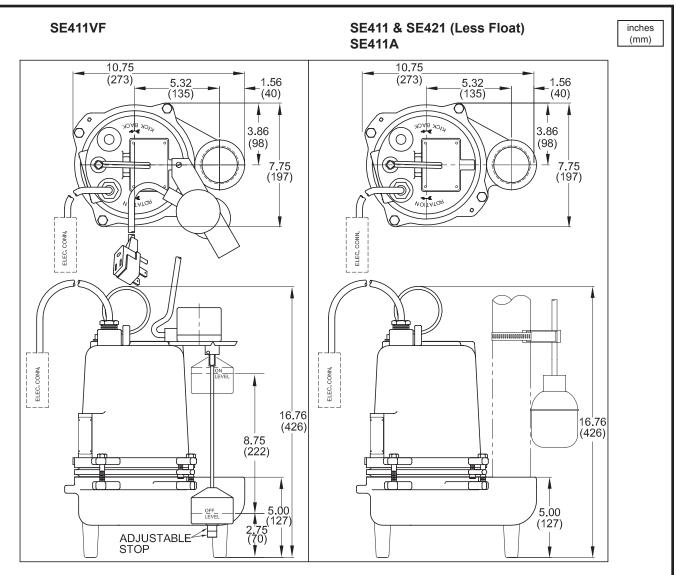
SECTION 1B PAGE DATE 3/13

Series SE-411/421

2" Spherical Solids Handling Manual & Automatic



11/2", 2" & 3" Discharge



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	16/3	SJTOW	0.310 (7.9)
SE411A	096748	0.4	115/1	60	1750	С	12.0	19.0	16/3	SJTOW	0.310 (7.9)
SE411VF	100836	0.4	115/1	60	1750	С	12.0	19.0	16/3	SJTOW	0.310 (7.9)
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.) 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.

SECTION 1B PAGE 2 DATE 4/15

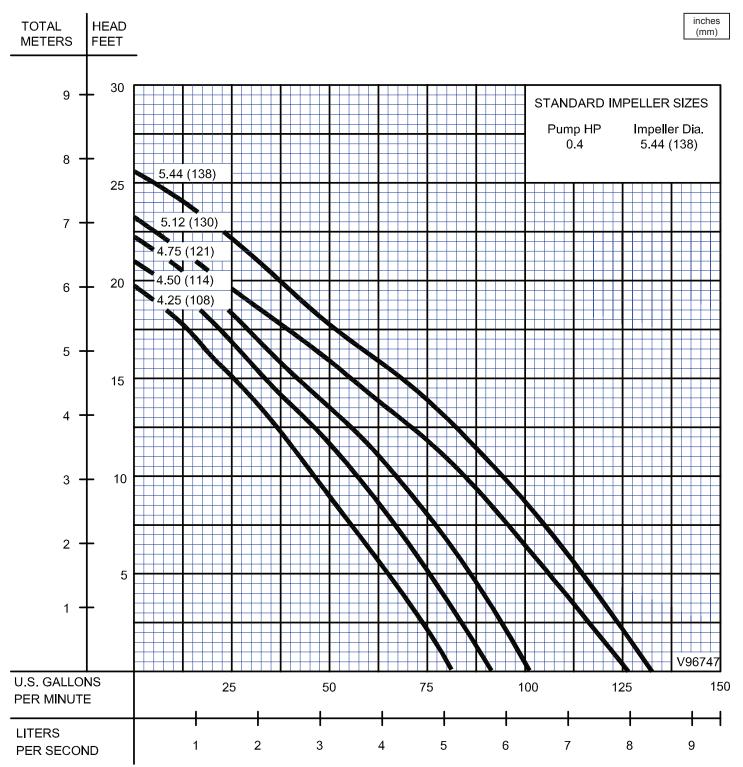




Series SE-411/421

Performance Curve .4HP, 1750RPM, 60Hz

11/2", 2" & 3" Discharge



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



PUMPS & SYSTEMS

SECTION 1B PAGE 3 DATE 3/13