Series 3SE-L
2" Spherical Solids Handling
Single Seal

1½", 2" & 3" Discharge

DISCHARGE .........................3" NPT, Female, Vertical, Bolt-on Flange
LIQUID TEMPERATURE ...........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
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
SEAL:  Design .........................Single Mechanical
Material ................................Cast Iron ASTM A-48, Class 30
CORD ENTRY .........................30 ft. (9.1m) Cord. Plug on 120 Volt &
...........................................0.5HP. 240 Volt 1 Phase. Quick connect
...........................................custom molded for sealing and strain relief
SPEED .................................1750 RPM (Nominal)
UPPER BEARING ......................Single Row, Ball, Oil lubricated
Load ..................................Radial
LOWER BEARING ......................Single Row, Ball, Oil lubricated
Load ..................................Radial & Thrust
MOTOR:  Design ......................NEMA L -Single Phase, NEMA B -Three
...........................................phase Torque Curve, Oil Filled, Squirrel
...........................................Cage Induction
Insulation .........................Class B
...........................................Class F on selected models
SINGLE PHASE ......................Permanent Split Capacitor (PSC)
THREE PHASE .........................200-240/480 is Tri-Voltage. 600V. Requires
...........................................Overload Protection to be included in
...........................................control panel
OPTIONAL EQUIPMENT ...........Seal Material, Impeller Trims, Additional
...........................................cord, Normally Closed Temperature
...........................................Sensors with cord for 3 phase pumps
...........................................(Requires relay in control panel).

RECOMMENDED:
Accessories .....................Break Away Fitting (BAF)
...........................................Check Valve
...........................................Control Panel
Seal Kit PN ..................130180
Service Kit PN ..........130207

DESCRIPTION:
SUBMERSIBLE NON-CLOG SEWAGE PUMP
DESIGNED FOR TYPICAL RAW SEWAGE
APPLICATIONS

WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

Series: 3SE-L
0.5, 0.75 & 1.0HP,
1750RPM, 60Hz

Sample Specification

CRANE
A Crane Co. Company
USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

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2" Spherical Solids Handling
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1½", 2" & 3" Discharge

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**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.

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### Model Specifications

<table>
<thead>
<tr>
<th>Model No</th>
<th>Part No</th>
<th>HP</th>
<th>VOLT/PH</th>
<th>Hz</th>
<th>RPM (Nom)</th>
<th>NEMA Start Code</th>
<th>Insul. Class</th>
<th>Full Load Amps</th>
<th>Locked Rotor Amps</th>
<th>Cord Size</th>
<th>Cord Type</th>
<th>Cord O.D inch (mm)</th>
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<tbody>
<tr>
<td>3SE514L</td>
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<td>120/1</td>
<td>60</td>
<td>1750</td>
<td>F</td>
<td>B</td>
<td>11.6</td>
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<td>0.5</td>
<td>240/1</td>
<td>60</td>
<td>1750</td>
<td>J</td>
<td>B</td>
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<td>14.9</td>
<td>14/3</td>
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<td>0.530 (13.5)</td>
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<td>200-240/3</td>
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<td>1750</td>
<td>H/L</td>
<td>B</td>
<td>3.2/3.0</td>
<td>9.8/11.0</td>
<td>14/4</td>
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<td>0.570 (14.5)</td>
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<td>0.5</td>
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<td>1750</td>
<td>K</td>
<td>B</td>
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<td>5.3</td>
<td>14/4</td>
<td>SOW</td>
<td>0.570 (14.5)</td>
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<td>H</td>
<td>B</td>
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<td>3.4</td>
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<td>G/K</td>
<td>F</td>
<td>7.4/7.0</td>
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<td>F</td>
<td>8.8/8.3</td>
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<td>E/H</td>
<td>B</td>
<td>5.3/5.1</td>
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<td>B</td>
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<td>J</td>
<td>B</td>
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<td>7.2</td>
<td>14/4</td>
<td>SOW</td>
<td>0.570 (14.5)</td>
</tr>
</tbody>
</table>

OPTIONAL - Temperature sensor cord for 3 phase models is 14/3 SOW, 0.530 (13.5mm) O.D.

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**IMPORTANT !**

USA: (937) 778-8947  •  Canada: (905) 457-6223  •  International: (937) 615-3598
Series 3SE-L
Performance Curve
.5, .75 & 1HP, 1750RPM, 60Hz

1½", 2" & 3" Discharge

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