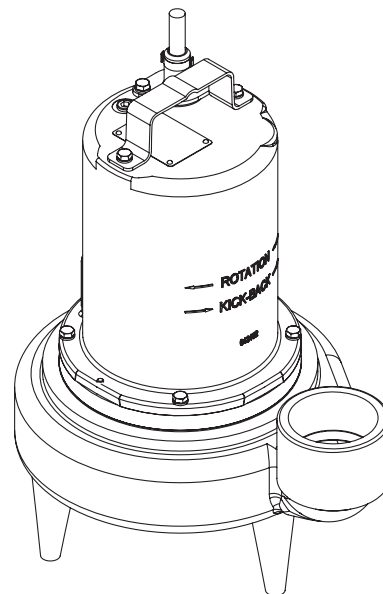


DISCHARGE 3" NPT, Vertical
LIQUID TEMPERATURE 104°F (40°C) Continuous
VOLUTE Cast Iron ASTM, Class 30
MOTOR HOUSING Cast Iron ASTM, Class 30
SEAL PLATE Cast Iron ASTM A-48, Class 30
IMPELLER: *Design* 2 Vane, open with pump out vanes on
back side. Dynamically balanced, ISO G6.3
Material Cast Iron, Class 30
SHAFT 416 Stainless Steel
SQUARE RINGS Buna-N
HARDWARE 300 Series Stainless Steel
PAINT Air Dry Enamel
SEAL: *Design* Single Mechanical
Material Carbon/Ceramic/Buna-N
Hardware - 300 Series Stainless
CORD ENTRY 30 ft. (9.1m) Cord. Quick connect custom
molded for sealing and strain relief
SPEED 1750 RPM (Nominal), 60Hz
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
SINGLE PHASE Permanent Split Capacitor (PSC)
Includes Overload Protection in Motor
THREE PHASE 200-230/460 is Tri-Voltage. 575V.
Requires Overload Protection to be
included in control panel
OPTIONAL EQUIPMENT Seal Material, Impeller Trims, Additional
cord. Normally closed temperature
sensor with cord for 3 Phase pumps
(Requires relay in control panel)

RECOMMENDED:

Accessories Break Away Fitting (BAF)
Check Valve
Control Panel
Seal Kit PN 130181
Service Kit PN 130208



Series: 3SE-L
1.5 & 2HP, 1750RPM, 60Hz



CSA 108 - File No. L16567
UL 778

Sample Specifications: Section 1 Page 3.

DESCRIPTION:

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

Series 3SE-L

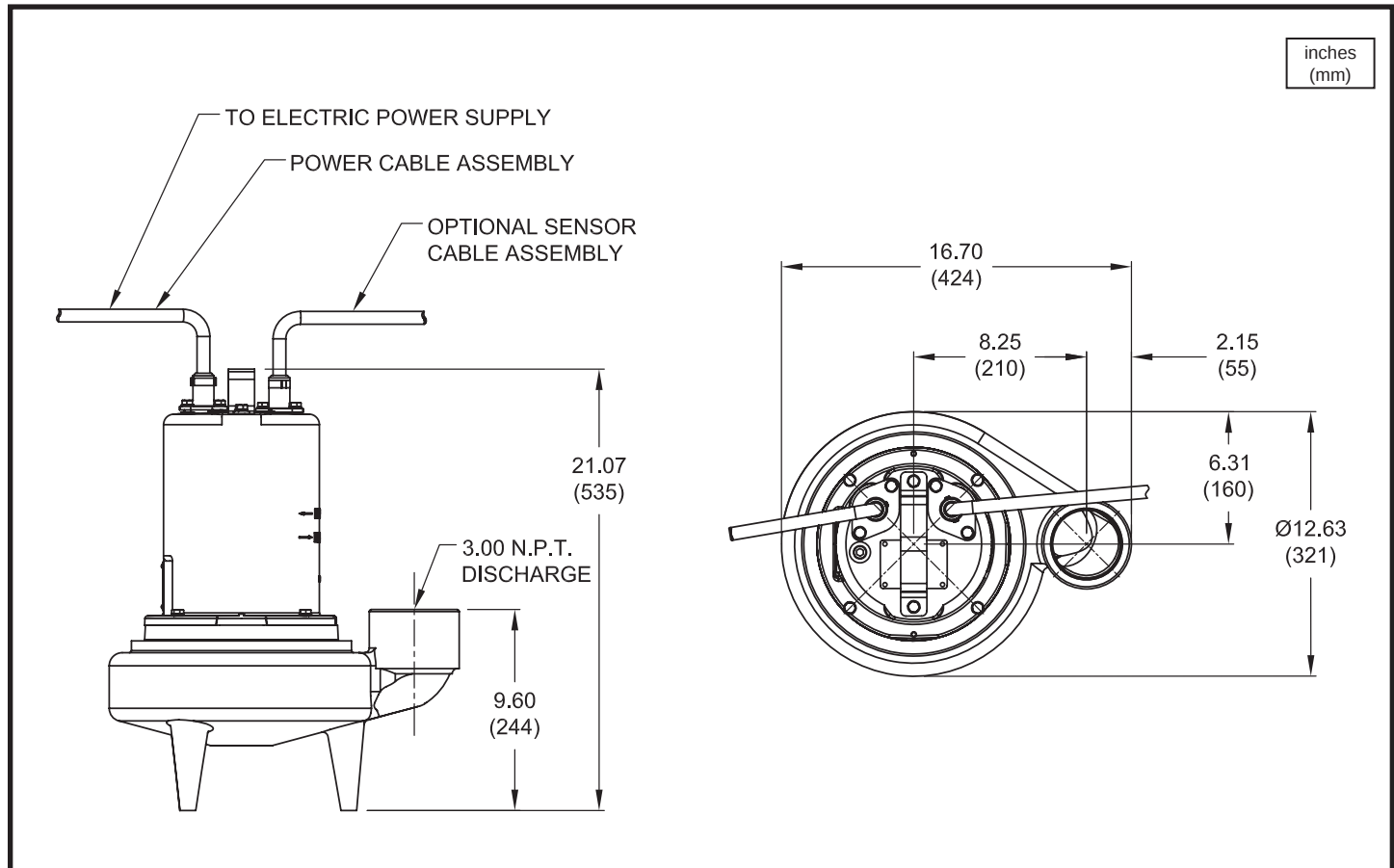
2½" Spherical Solids Handling

Single Seal

BARNES®

www.cranepumps.com

1½", 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)
3SE1524L	132725	1.5	230/1	60	1750	C	16.0	44.6	12/3	SOOW/SOW	0.610 (15.5)
3SE1594L	132730	1.5	200-230/3	60	1750	D/G	13.3/11.6	35.8/41.2	12/4	SOOW/SOW	0.680 (17.4)
3SE1544L	132735	1.5	460/3	60	1750	G	5.8	20.6	14/4	SOOW/SOW	0.570 (14.5)
3SE1554L	132740	1.5	575/3	60	1750	G	4.6	16.4	14/4	SOOW/SOW	0.570 (14.5)
3SE2024L	132750	2.0	230/1	60	1750	A	19.0	44.6	10/3	SOOW/SOW	0.660 (16.8)
3SE2094L	132752	2.0	200-230/3	60	1750	B/D	15.2/13.2	35.8/41.2	12/4	SOOW/SOW	0.680 (17.4)
3SE2044L	132754	2.0	460/3	60	1750	D	6.6	20.6	14/4	SOOW/SOW	0.570 (14.5)
3SE2054L	132756	2.0	575/3	60	1750	D	5.2	16.4	14/4	SOOW/SOW	0.570 (14.5)

Optional - Temperature Sensor Cord for 3 Phase models are 14/3 & 18/5. SOOW / SOW, 0.530 (13.5mm) / 0.470 (11.9mm) O.D.

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 2 HAZARDOUS LOCATIONS.
- 3.) THIS PUMP IS NOT APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION 1 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.

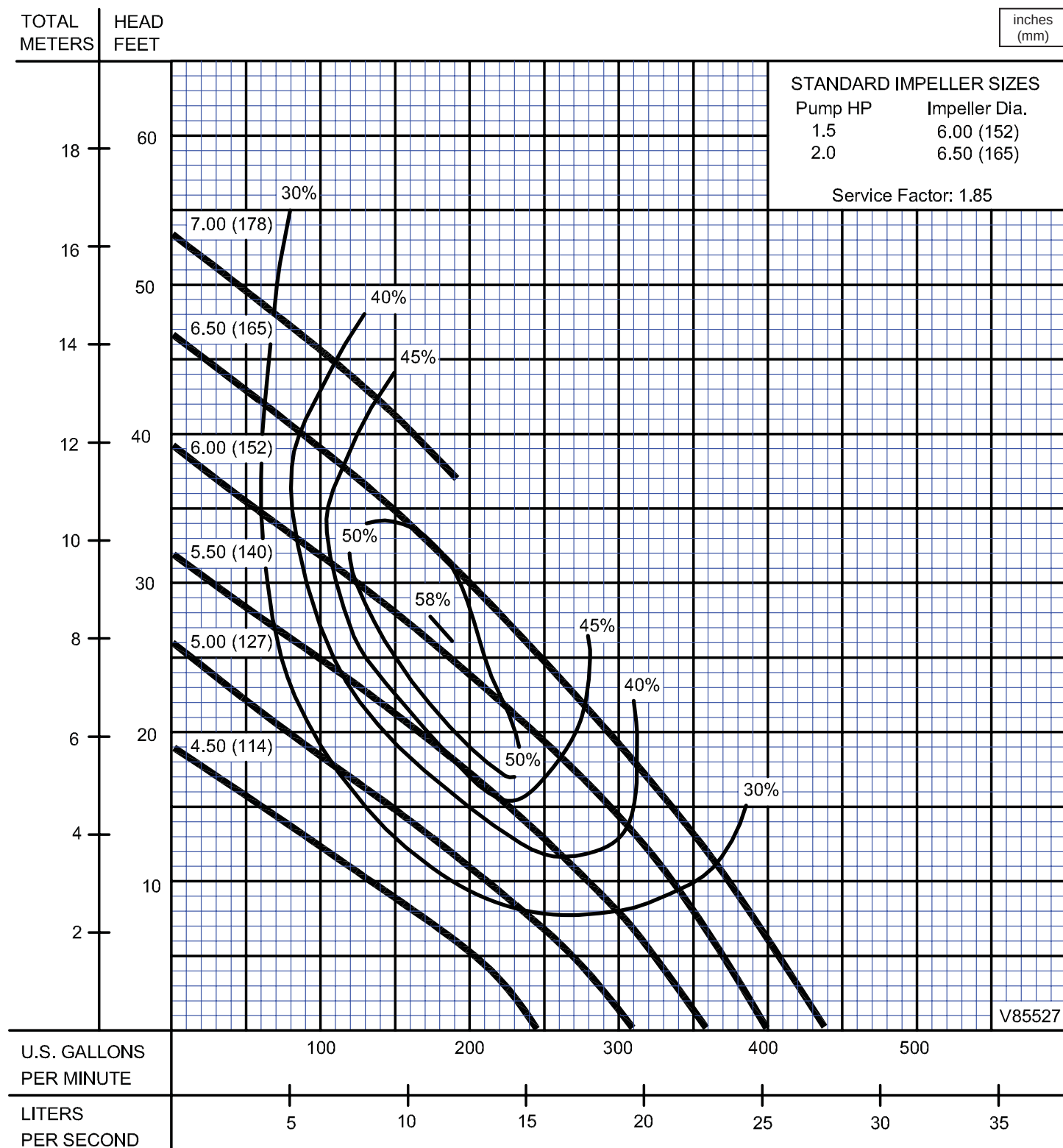
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PUMPS & SYSTEMS

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