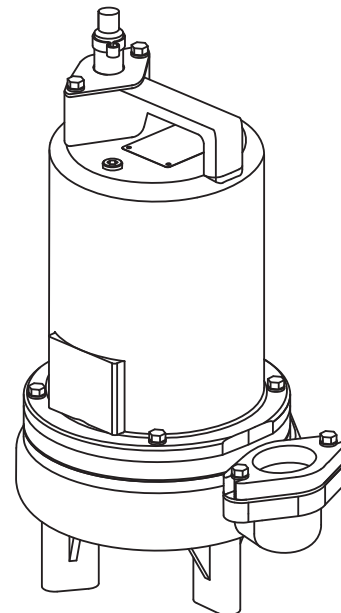


DISCHARGE	2" NPT, Female, Vertical, Bolt-on Flange
LIQUID TEMPERATURE	104°F (40°C) Continuous
VOLUTE	Cast Iron ASTM A-48, Class 30
MOTOR HOUSING	Cast Iron ASTM A-48, Class 30
SEAL PLATE	Cast Iron ASTM A-48, Class 30
IMPELLER: Design	2 Vane, open, with pump out vanes on back side. Dynamically balanced, 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
SEAL: Design	Single Mechanical
Material	Carbon/Ceramic/Buna-N
	Hardware -300 Series Stainless
CORD ENTRY	30' Cord
	120 volt & .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)
	Includes Overload Protection in Motor
THREE PHASE	200-240/480 is Tri-Voltage motor 600V. Requires overload Protection to be included in control panel
LEVEL CONTROL	"A" - Wide Angle, PVC, Mechanical, 20 ft (6.1m) cord with Piggy-Back Plug, N/O "AU"- Wide Angle, Polypropylene, Mechanical, N/O Integral to pump. ON and OFF Points are adjustable
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



Series: SE (SE51 & SE52) .5, .75, 1.0HP, 1750RPM, 60Hz

Sample Specifications: Section 1 Page 5.

DESCRIPTION:

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



WARNING:

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

Series SE-L

2" Spherical Solids Handling
Manual & Automatic



www.cranepumps.com

1½" & 2" Discharge

SE51, SE52, SE-L

SE51A

SE51AU, SE52AU

inches
(mm)

MODEL NO	PART NO	HP	VOLT/PH	Hz	RPM (Nom)	NEMA START CODE	INSUL. CLASS	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD SIZE	CORD TYPE	CORD O.D inch (mm)
SE51	104871	0.5	120/1	60	1750	F	B	11.6	21.3	14/3	SJTOW	0.375 (9.5)
SE51A	104872	0.5	120/1	60	1750	F	B	11.6	21.3	14/3	SJTOW	0.375 (9.5)
SE51AU	104873	0.5	120/1	60	1750	F	B	11.6	21.3	14/3	SJTOW	0.375 (9.5)
SE52	104874	0.5	240/1	60	1750	J	B	5.9	14.9	14/3	SOW	0.530 (13.5)
SE52AU	104875	0.5	240/1	60	1750	J	B	5.9	14.9	14/3	SOW	0.530 (13.5)
SE594L	104881	0.5	200-240/3	60	1750	H/L	B	3.2/3.0	9.8/11.0	14/4	SOW	0.570 (14.5)
SE544L	104882	0.5	480/3	60	1750	K	B	1.5	5.3	14/4	SOW	0.570 (14.5)
SE554L	104883	0.5	600/3	60	1750	H	B	1.0	3.4	14/4	SOW	0.570 (14.5)
SE774L	104884	0.75	200-240/1	60	1750	G/K	F	7.4/7.0	21.5/25.8	14/3	SOW	0.530 (13.5)
SE794L	104885	0.75	200-240/3	60	1750	H/K	B	4.8/4.5	13.7/15.4	14/4	SOW	0.570 (14.5)
SE744L	104886	0.75	480/3	60	1750	K	B	2.2	7.7	14/4	SOW	0.570 (14.5)
SE754L	104887	0.75	600/3	60	1750	L	B	1.5	7.2	14/4	SOW	0.570 (14.5)
SE1074L	104888	1.0	200-240/1	60	1750	D/G	F	8.8/8.3	21.5/25.8	14/3	SOW	0.530 (13.5)
SE1094L	104889	1.0	200-240/3	60	1750	E/H	B	5.1/4.9	13.7/15.4	14/4	SOW	0.570 (14.5)
SE1044L	104890	1.0	480/3	60	1750	H	B	2.4	7.7	14/4	SOW	0.570 (14.5)
SE1054L	104891	1.0	600/3	60	1750	J	B	1.9	7.2	14/4	SOW	0.570 (14.5)

Mechanical Switch on SE51A, cord 16/2, SJOW, 0.320 (8.1mm) O.D., Piggy-Back Plug

Mechanical Switch on SE-AU, cord 14/2, SJOW, 0.345 (8.8mm) O.D.

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.

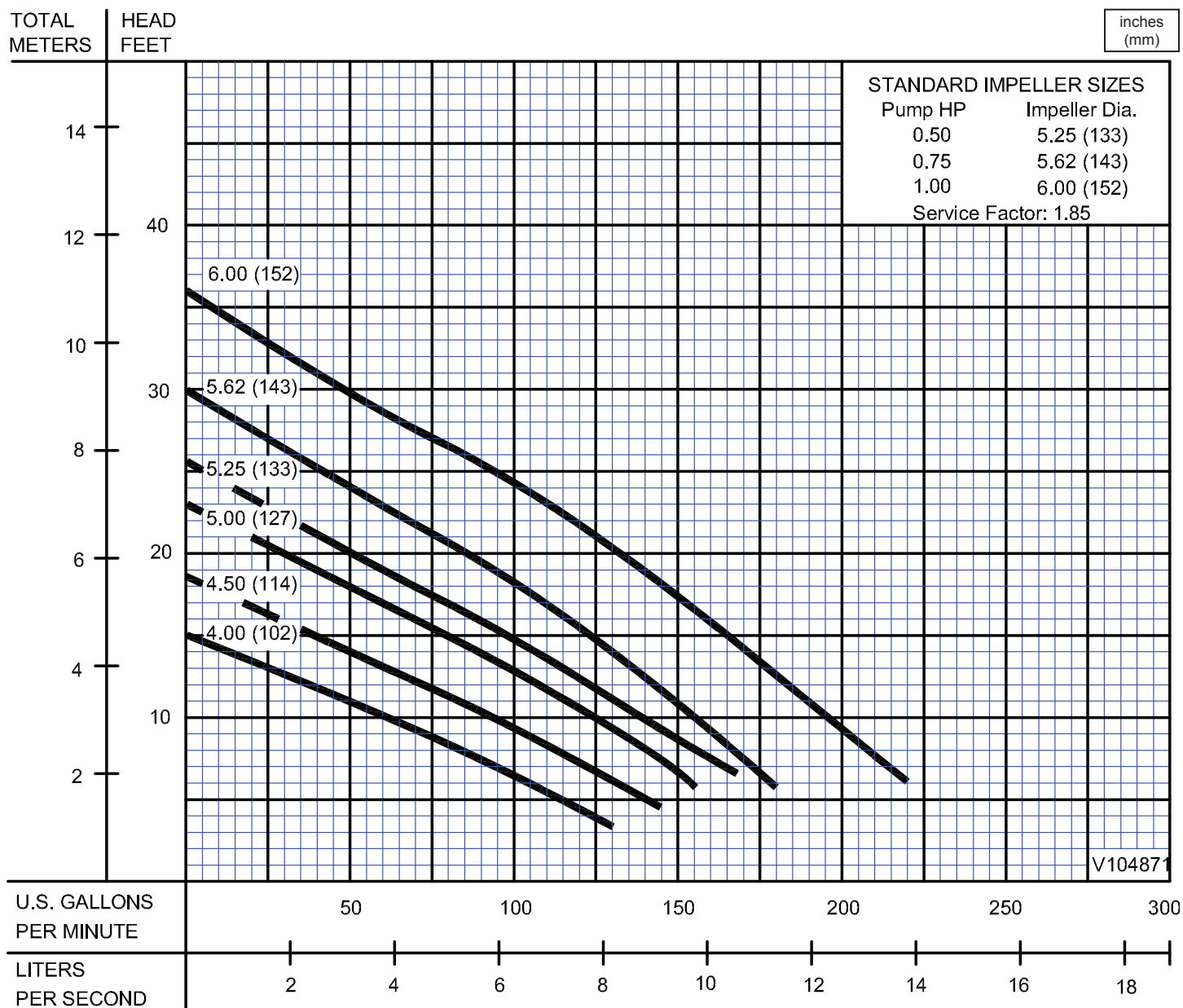
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CRANE

A Crane Co. Company

PUMPS & SYSTEMS

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