

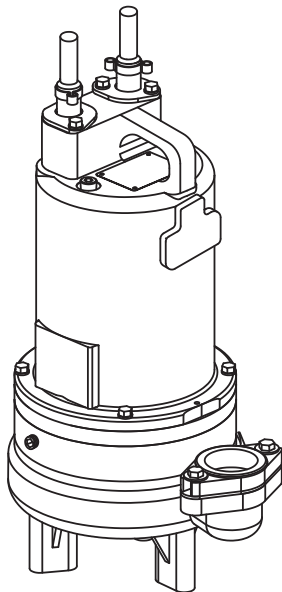
Series 2SEV-DS

2" Spherical Solids Handling
Vortex, Double Seal



www.cranepumps.com

2" Discharge



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	Vortex, open, with pump out vanes on back side. Dynamically balanced, ISO G6.3
Material	85-5-5-5 Cast Iron
SHAFT	416 Stainless Steel
SQUARE RINGS.....	Buna-N
HARDWARE	300 Series Stainless Steel
PAINT	Air Dry Enamel
SEAL: Design	Tandem Mechanical, Oil filled reservoir
Material	Carbon/Ceramic/Buna-N
Hardware	300 Series Stainless
CORD ENTRY	20 ft. (6m) Cord. Quick connect custom molded for sealing and strain relief
SPEED	3450 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. 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	130177
Service Kit PN.....	130173

Series: 2SEV-DS
1.5 & 2HP, 3450RPM, 60Hz

DESCRIPTION:

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



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



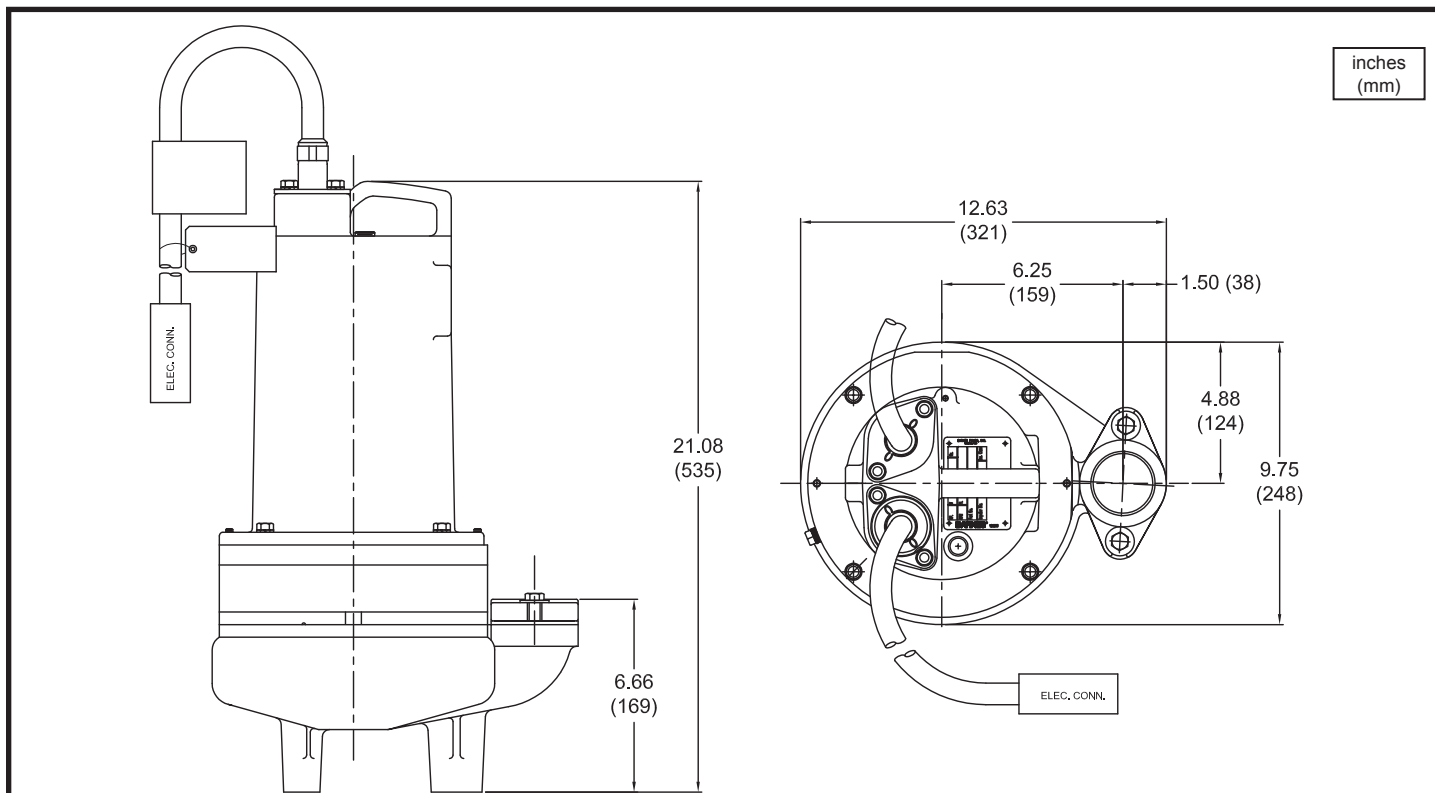
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A Crane Co. Company

PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598



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)
2SEV1522DS	107914	1.5	240/1	60	3450	A	F	13.5	31.5	12/3	SOW	0.610 (15.5)
2SEV1592DS	107915	1.5	200/240/3	60	3450	C	F	10.8/9.8	27.0	14/4	SOW	0.600 (15.2)
2SEV1542DS	107916	1.5	480/3	60	3450	F	F	4.9	13.5	14/4	SOW	0.600 (15.2)
2SEV1552DS	107917	1.5	600/3	60	3450	F	B	3.9	11.0	14/4	SOW	0.600 (15.2)
2SEV2022DS	107918	2.0	240/1	60	3450	C	F	16.0	42.0	12/3	SOW	0.610 (15.5)
2SEV2092DS	107919	2.0	200/240/3	60	3450	J	F	13.2/12.0	30.0	14/4	SOW	0.600 (15.2)
2SEV2042DS	107920	2.0	480/3	60	3450	J	F	6.0	15.0	14/4	SOW	0.600 (15.2)
2SEV2052DS	107921	2.0	600/3	60	3450	J	B	4.8	12.0	14/4	SOW	0.600 (15.2)

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

OPTIONAL - Moisture sensor cord is 18/5 SOW, 0.470 (11.9mm) O.D.

OPTIONAL - Moisture & Temperature sensor cord for 3 phase models is 18/5 SOW, 0.470 (11.9mm) O.D.

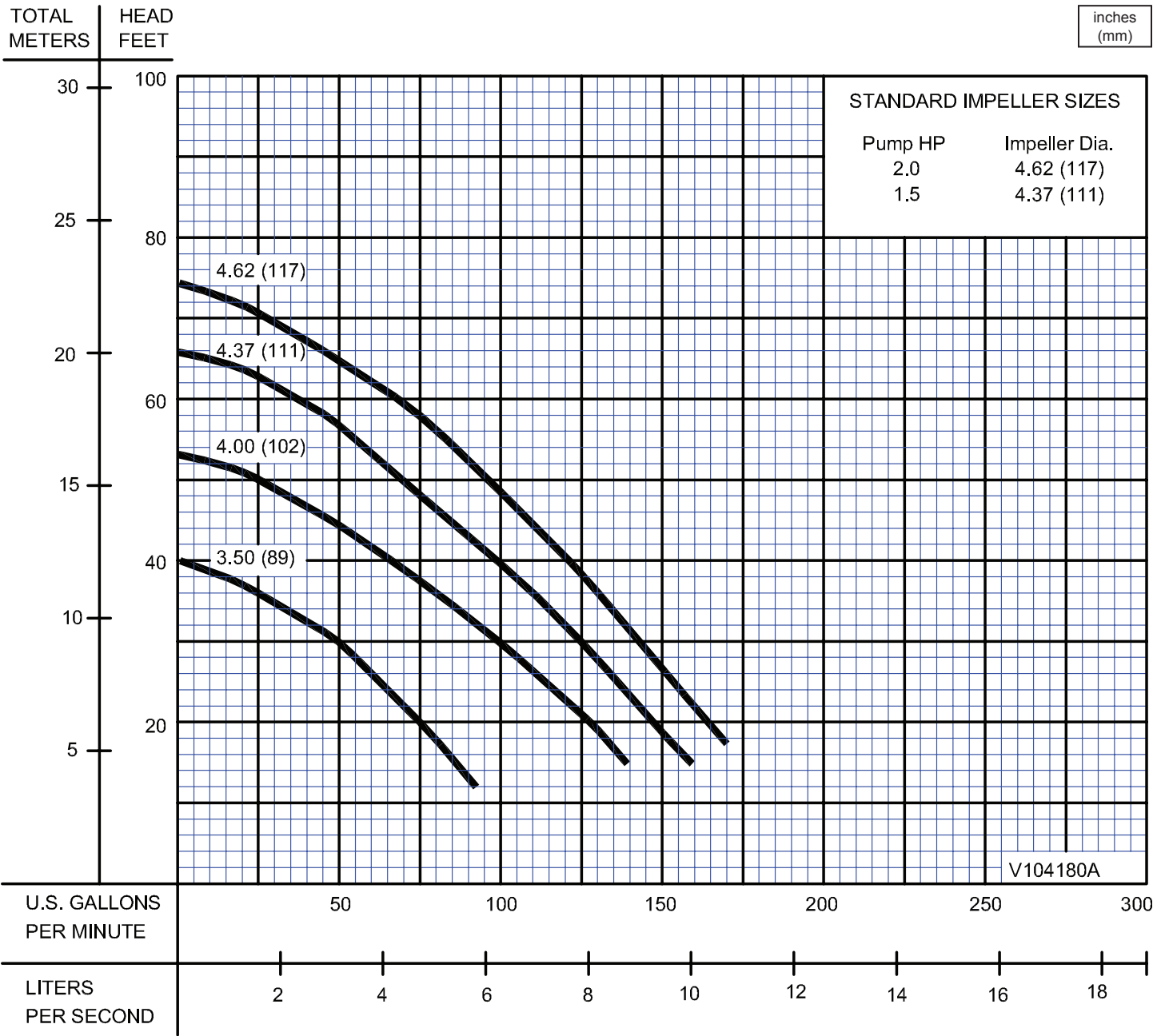
IMPORTANT !

- PUMP MAY BE OPERATED "DRY" FOR EXTENDED PERIODS WITHOUT DAMAGE TO MOTOR AND/OR SEALS.
- 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.

Series 2SEV-DS

Performance Curve
1.5HP & 2.0HP, 3450RPM, 60Hz

2" Discharge



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