

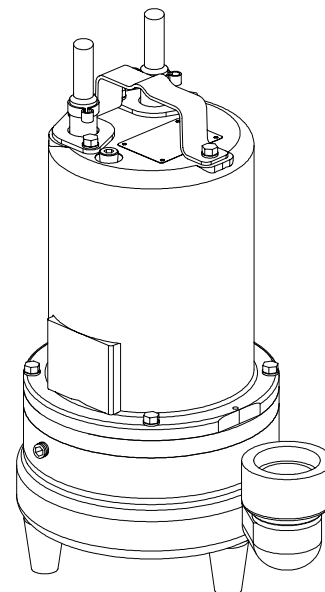
Submersible Effluent Pumps

Specifications:

DISCHARGE	2" NPT, Female, Vertical
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	3 Vane, open, with pump out vanes on back side. Dynamically balanced, ISO G6.3
Material	Polypropylene with stainless steel insert
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	20ft. (6m) Cord with plug on 1 phase. Quick connect, custom molded for sealing and strain relief
UPPER BEARING	Single Row, Ball, Oil lubricated
LOWER BEARING	Single Row, Ball, Oil lubricated
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	200-240/480 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), Normally Open Moisture Sensors with cord (Requires Relay in control panel).

RECOMMENDED:

Accessories	Break Away Fitting (BAF) Check Valve Control Panel
Seal Kit PN	130176
Service Kit PN	130172



Series: EH-DS .5, 1.0 & 1.5HP, 3450RPM, 60Hz



Sample Specifications: Section 3 Page 5.

DESCRIPTION:

PUMP IS DESIGNED FOR HANDLING SEWAGE EFFLUENT IN TYPICAL SEPTIC TANK/EFFLUENT APPLICATIONS.

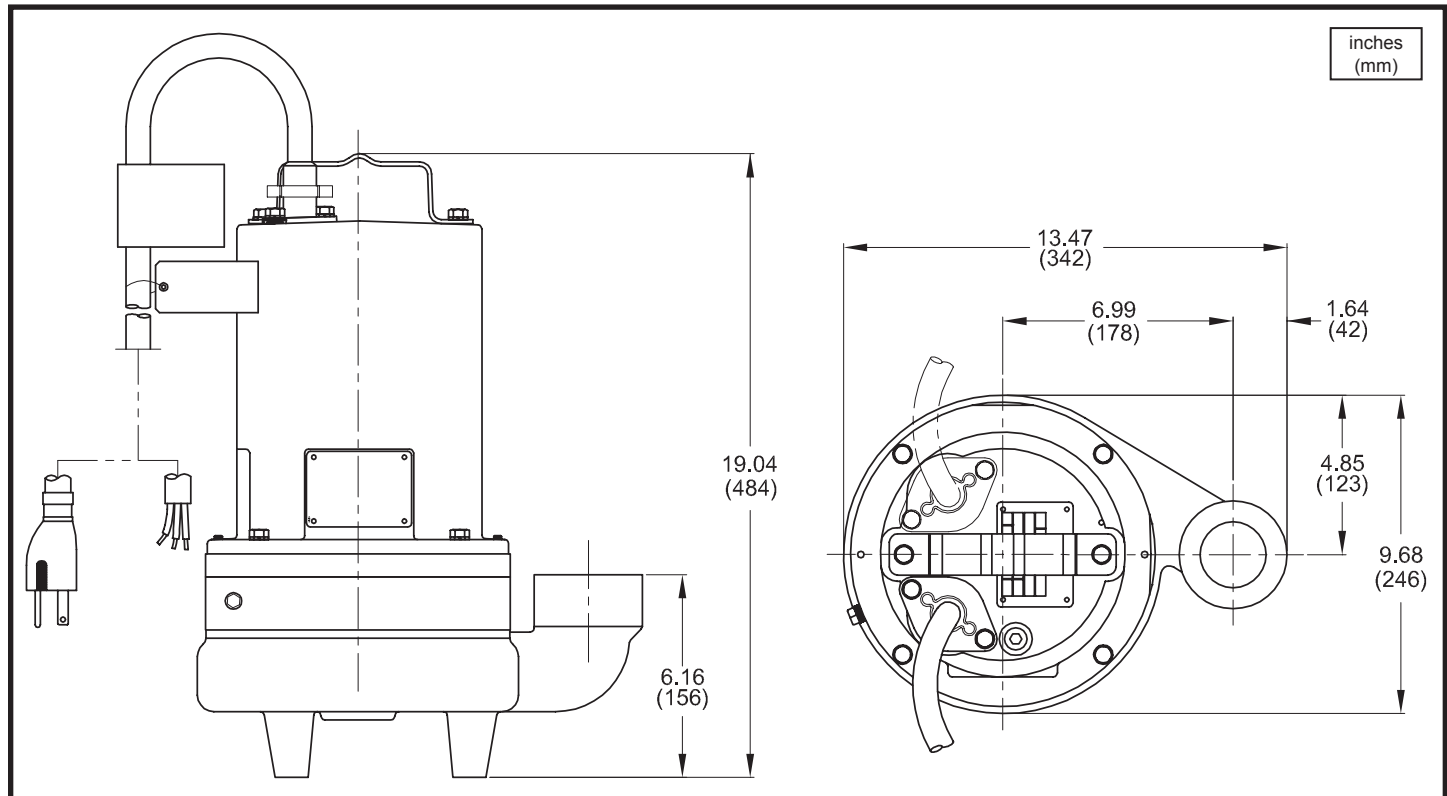
Series EH-DS

3/4" Spherical Solids Handling
Double Seal

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Submersible Effluent Pumps



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)
EH512DS	105063	0.5	120/1	60	3450	G	11.4	24.6	14/3	SJTOW	0.375 (9.5)
EH522DS	105064	0.5	240/1	60	3450	E	4.9	10.2	14/3	SOW	0.530 (13.5)
EH592DS	105065	0.5	200/240/3	60	3450	P/R	4.2/4.5	19.9/18.4	14/4	SOW	0.570 (14.5)
EH542DS	105066	0.5	480/3	60	3450	R	2.2	9.1	14/4	SOW	0.570 (14.5)
EH552DS	105067	0.5	600/3	60	3450	T	1.7	8.7	14/4	SOW	0.570 (14.5)
EH1022DS	105072	1.0	240/1	60	3450	F	8.1	21.8	14/3	SOW	0.530 (13.5)
EH1092DS	105073	1.0	200/240/3	60	3450	H/J	8.1/6.2	19.9/18.4	14/4	SOW	0.570 (14.5)
EH1042DS	105074	1.0	480/3	60	3450	J	3.1	9.1	14/4	SOW	0.570 (14.5)
EH1052DS	105075	1.0	600/3	60	3450	L	2.8	8.7	14/4	SOW	0.570 (14.5)
EH1522DS	105080	1.5	240/1	60	3450	E	10.9	30.6	14/3	SOW	0.530 (13.5)
EH1592DS	105081	1.5	200/240/3	60	3450	H/F	7.8/7.0	29.2/18.7	14/4	SOW	0.570 (14.5)
EH1542DS	105082	1.5	480/3	60	3450	K	3.5	14.6	14/4	SOW	0.570 (14.5)
EH1552DS	105083	1.5	600/3	60	3450	K	2.7	11.6	14/4	SOW	0.570 (14.5)

OPTIONAL - Temperature sensor cord for 3 phase models is 14/3 SOW, .530 (13.5mm) O.D.

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

OPTIONAL - Moisture and Temperature sensor cord for 3 phase models is 18/5 SOW, 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 NOT APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION I HAZARDOUS LOCATIONS.
- 3.) 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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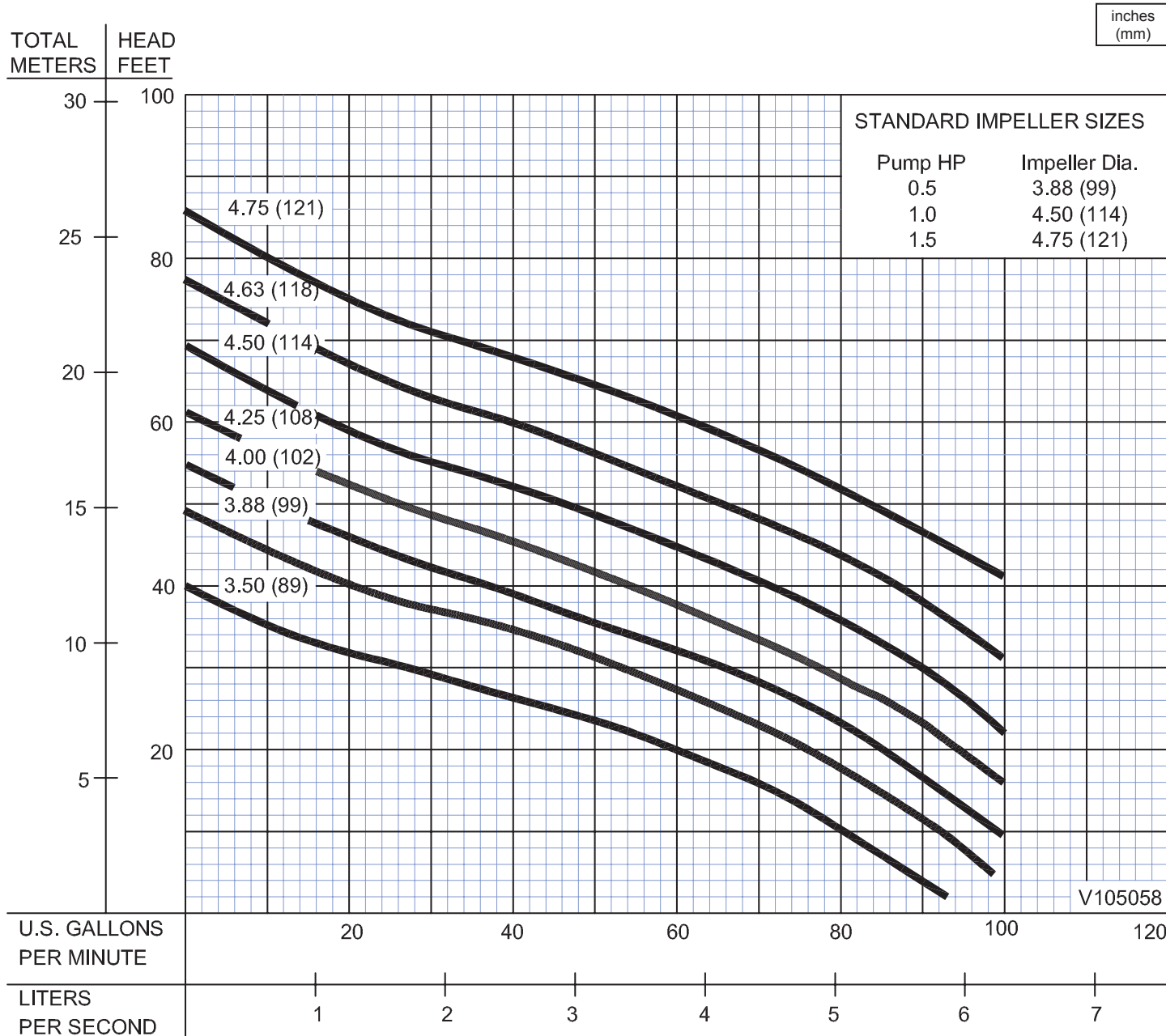
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PUMPS & SYSTEMS

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