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## TECHNICAL DATA

## Stancor® Dewatering Pumps S7500 HH

Dwg: DS-A18-035 Rev: 6 Date: 2/23/2026

### Motor Specifications

<b>Motor Design</b>	NEMA design B, squirrel cage induction, air filled
<b>Motor Type</b>	Enclosed submersible, IP 68
<b>Maximum</b>	65 feet (20m)
<b>Insulation Class</b>	Class H, rated at 180° C (356° F)
<b>Motor Protection</b>	Bi-metallic Thermal Switch
<b>Bi-Metallic Temp Trip</b>	130° C ± 5° C (266° F ± 41° F)
<b>Service Factor</b>	1.15
<b>Max. Liquid</b>	104°F (40°C)
<b>Voltage Tolerance</b>	± 10% from nominal
<b>CSA Approval</b> (Optional Upon Request)	CSA-C22.2 No. 108-14 - CSA-C22.2 No. 77-95 (R 2009)



### Motor Data, 60Hz

Model	Phase	Output Power BHP	Volts	Full Load Amps	Locked Rotor Amps	NEMA Code Letter	Power Factor	Motor Efficiency	Pole/ Speed (Rpm)
S7500	3Ø	75	460V	86	516	F	0.88	0.91	2/3450
			575V	69	414	F	0.88	0.91	2/3450
			950V	42	252	F	0.88	0.91	2/3450

### Materials of Constuction

	Standard	High Chrome
<b>Upper Motor Lid</b>	356-T6 Aluminum	356-T6 Aluminum
<b>Motor Housing</b>	356-T6 Aluminum	356-T6 Aluminum
<b>Lower Seal Housing</b>	AISI 316 Stainless Steel	AISI 316 Stainless Steel
<b>Volute</b>	356-T6 Aluminum - Rubber Lined	356-T6 Aluminum - Rubber Lined
<b>Wear Plate</b>	356-T6 Aluminum - Rubber Lined	356-T6 Aluminum - Polyurethane Lined
<b>External Hardware</b>	AISI 304 Stainless Steel	AISI 304 Stainless Steel
<b>O-Rings</b>	NBR	NBR
<b>Motor Shaft</b>	AISI 416 Stainless Steel	AISI 416 Stainless Steel
<b>Upper Bearing</b>	Deep groove ball bearing, double sealed	Deep groove ball bearing, double sealed
<b>Lower Bearing(s)</b>	Two heavy duty angular contact ball bearings	Two heavy duty angular contact ball bearings
<b>Upper Shaft Seal</b>	SiC/SiC	SiC/SiC
<b>Lower Shaft Seal</b>	SiC/SiC	SiC/SiC
<b>Impeller</b>	AISI 316 Stainless Steel	ASTM A532 Class III Type Chromium

### DIMENSIONS, WEIGHT, AND MISC.

<b>Pump weight (without cable)</b>	1140 lbs (517kg)
<b>Discharge size</b>	6 inch NPT male vertical

### CABLE SPECIFICATIONS

Model	Phase/Voltage	Power Cable*	Length	Outer Jacket	
S7500	3Ø	460V	4/3 G-GC	50' Standard	CPE, Heavy Duty
		575V	4/3 G-GC or 10/3 SHD-GC	50' Standard	CPE, Heavy Duty
		950V	6/3 SHD-GC + 14/5SOOW	50' Standard	CPE, Heavy Duty

\* Additional cable sizes and materials available for standard and CSA models upon request.

Specifications subject to change without notice

Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA • 860-399-5937 •

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# PERFORMANCE CURVE

# Stancor® Dewatering Pumps S7500 HH

Dwg:

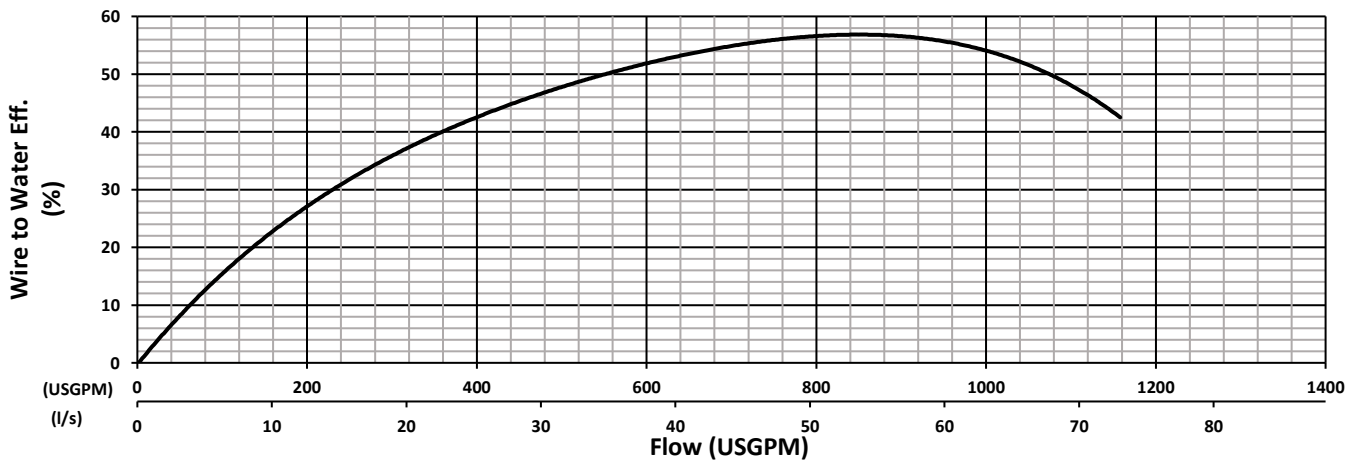
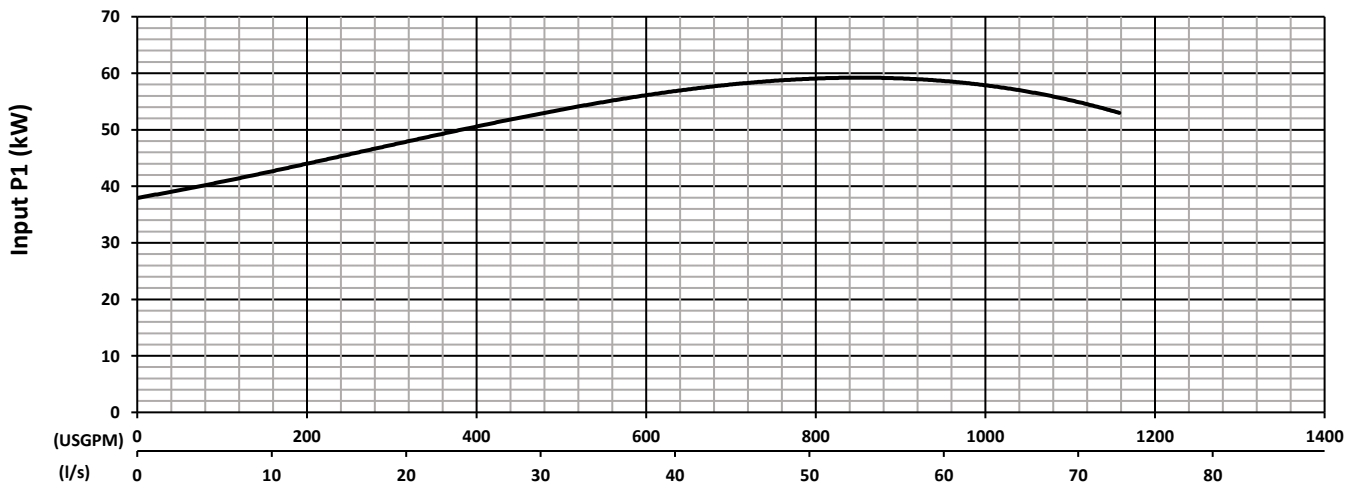
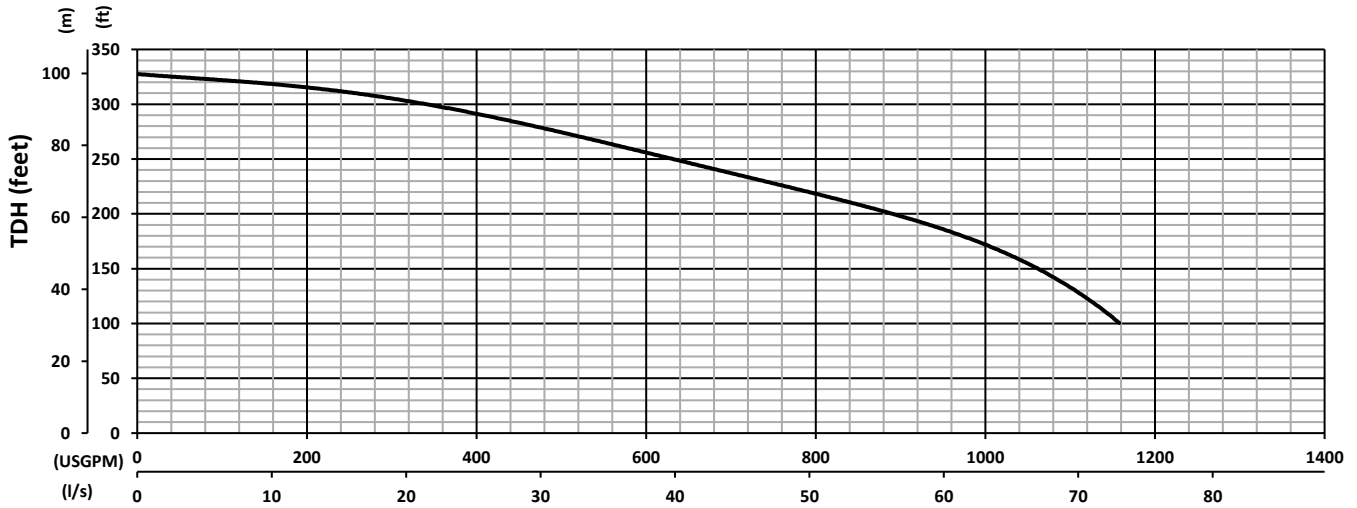
DS-A18-037

Rev:

6

Date:

12/18/25



Test Standard : HI 11.6 Gr 3B

Tested with water at 20°C

Dewatering Pumps - Dual Units

Frequency 60 Hz

Pump Speed 3450 RPM

Impeller 239mm

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