



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

Mine Dewatering Pumps SX7500 HH

Dwg: DS-A16-035 Rev: 5 Date: 2/23/2026

Motor Specifications

Motor Design	NEMA design B, squirrel cage induction, air filled
Motor Type	Enclosed submersible, IP 68
Maximum submergence	65 feet (20m)
Minimum submergence	3 feet (0.94m)
Insulation Class	Class F, rated at 155° C
Motor Protection	Bi-metallic Thermal Switch
Bi-Metallic Temp Trip	120° C ± 5° C
Service Factor	1.15
Max. Liquid Temperature	104°F (40°C)
Voltage Tolerance	± 10% from nominal
MSHA Approval	18-A060004-07-JA050006-0



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)
SX7500	3Ø	75	460V	86	516	F	0.88	0.91	2/3450
			575V	69	414	F	0.88	0.91	2/3450

Materials of Construction

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

DIMENSIONS, WEIGHT, AND MISC.

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

CABLE SPECIFICATIONS

Model	Phase/Voltage	Power Cable*	Length*	Outer Jacket
SX7500HH	3Ø	460V	2/3, 4/3 G-GC	Per MSHA Approval
		575V	2/3, 4/3 G-GC	Per MSHA Approval

* Cable size and length per MSHA approval.



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® Mine Dewatering Pumps SX7500 HH

Dwg:

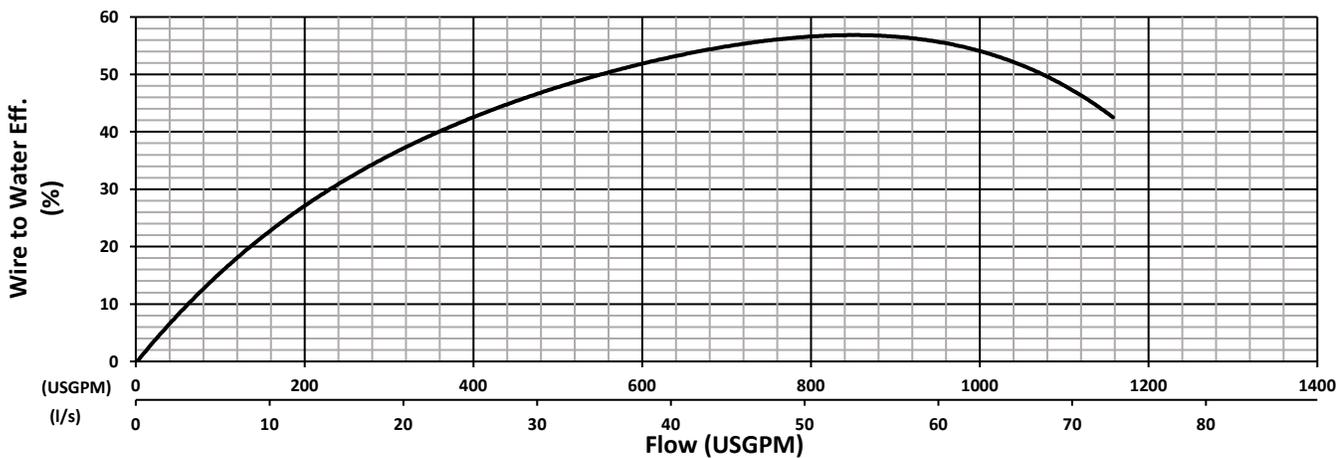
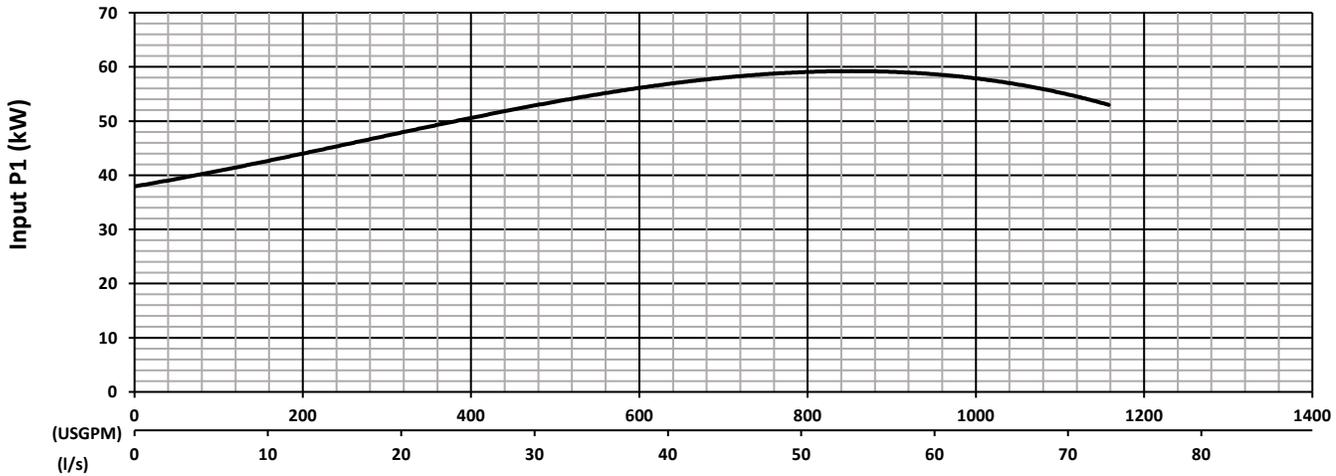
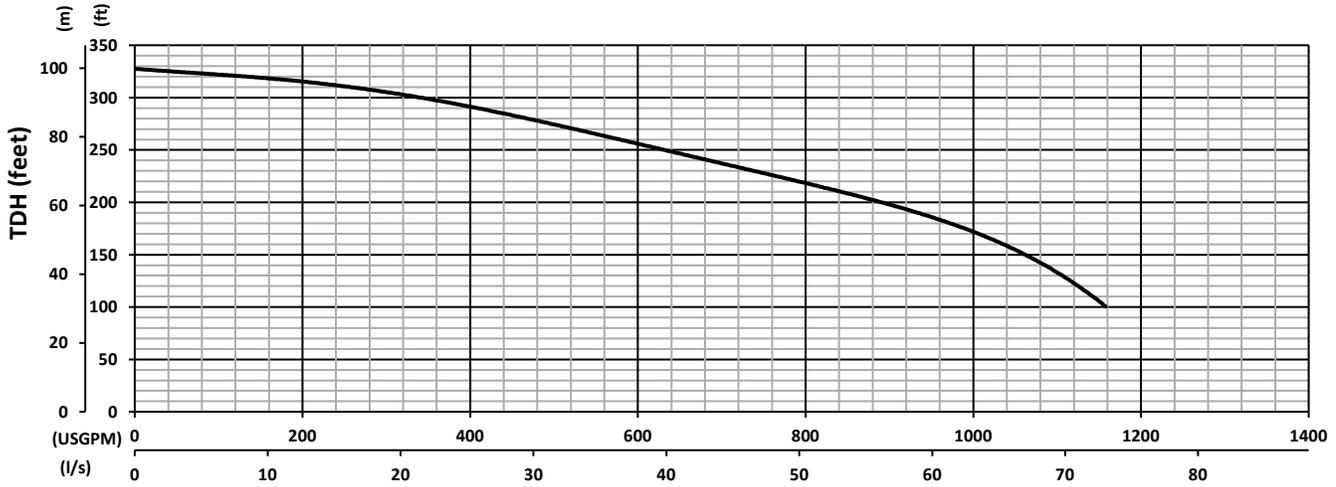
DS-A16-037

Rev:

2

Date:

12/18/2025



Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

Mine Dewatering Pumps - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 239mm

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