INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			Mine Dewatering Pumps SX6000 HH, HV &MR		
	Dwg:	DS-A16-060	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	130° 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 (SX6000)

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)
							100% Load		
SX6000	3	10	460	77	462	M	0.85	0.89	2/3450
			575	62	372	G	0.85	0.89	2/3450

Materials of Constuction

	Standard	High Chrome
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 HH	AISI 316 Stainless Steel	ASTM A532 Class III Type Chromium
Impeller MR	17-4 PH	ASTM A532 Class III Type Chromium

DIMENSIONS, WEIGHT, AND MISC.

Pump weight (without cable) HH&MR	1140 lbs (517kg)
Pump weight (without cable) HV	1200 lbs (545 kg)
Discharge size, HV & MR	8 inch NPT male vertical (6",10" optional)
Discharge size, HH	6 inch NPT male vertical (8",10" optional)

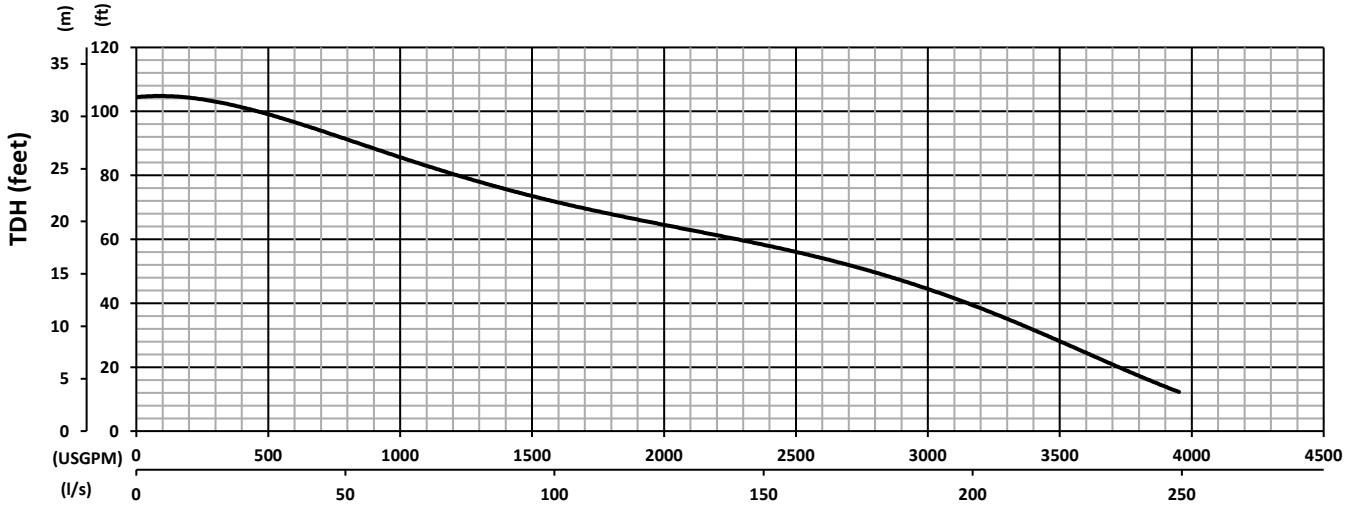
CABLE SPECIFICATIONS

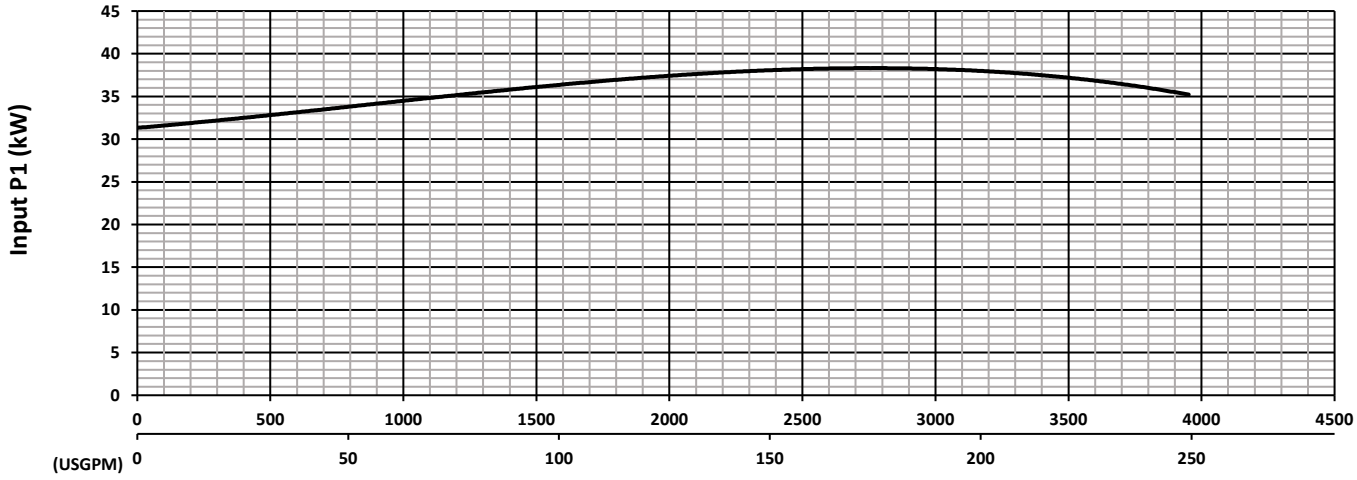
Model	Phase/Voltage		Power Cable*	Length*	Outer Jacket
SX6000	3Ø	460V	2/3, 4/3, G-GC	Per MSHA Approval	CPE, Heavy Duty
		575V	2/3, 4/3, G-GC	Per MSHA Approval	CPE, Heavy Duty

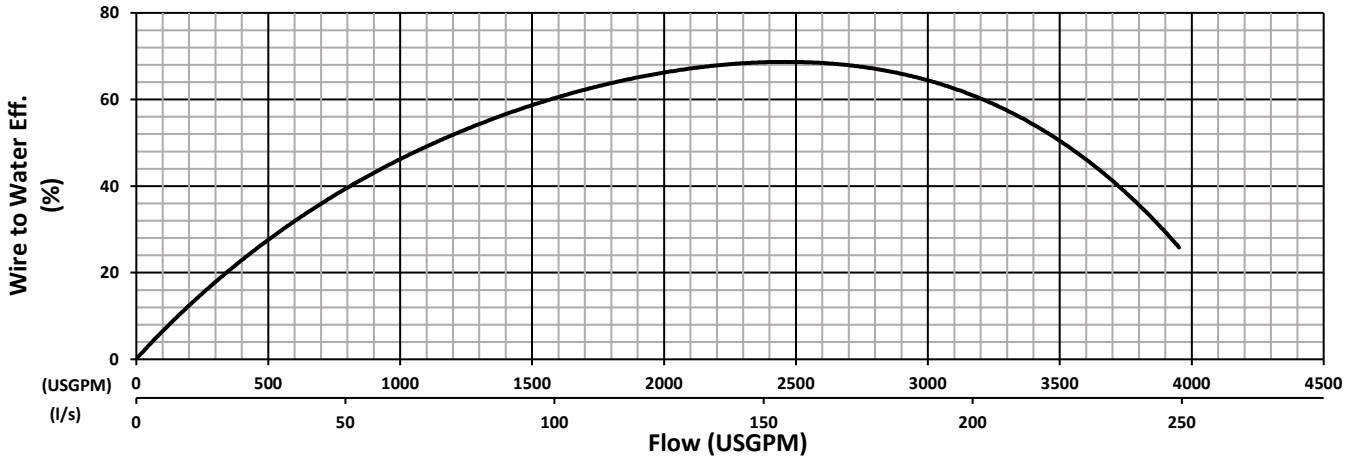
* Cable size and length per MSHA approval.

Specifications subject to change without notice

INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE	Stancor® Mine Dewatering Pumps SX6000 HV			
	Dwg:	DS-A16-043	Rev:	3	Date:	12/18/2025







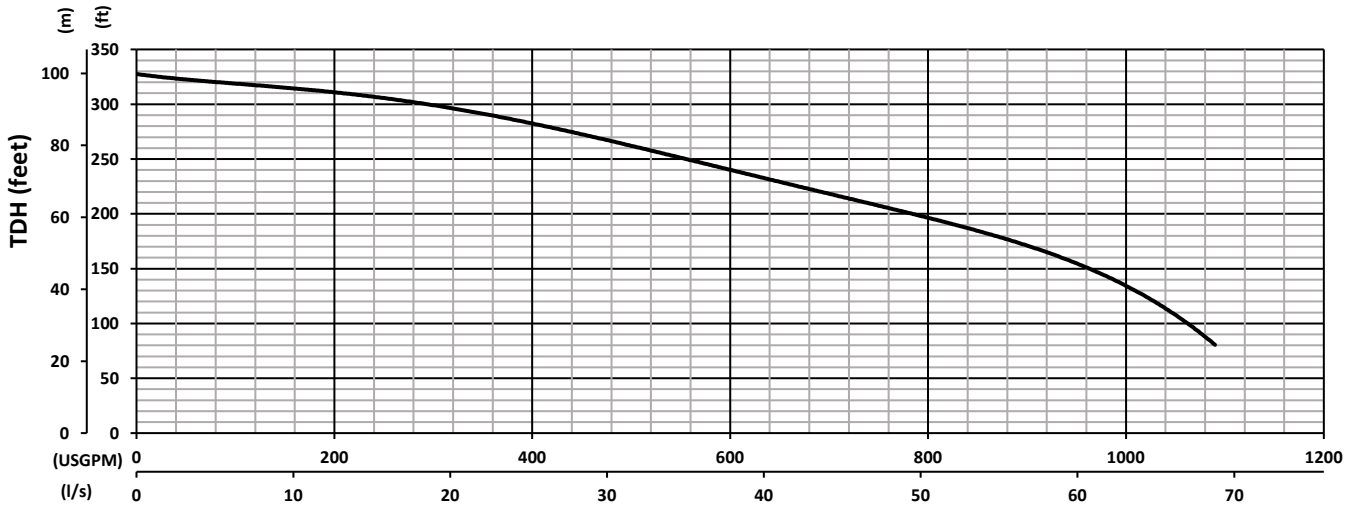
Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

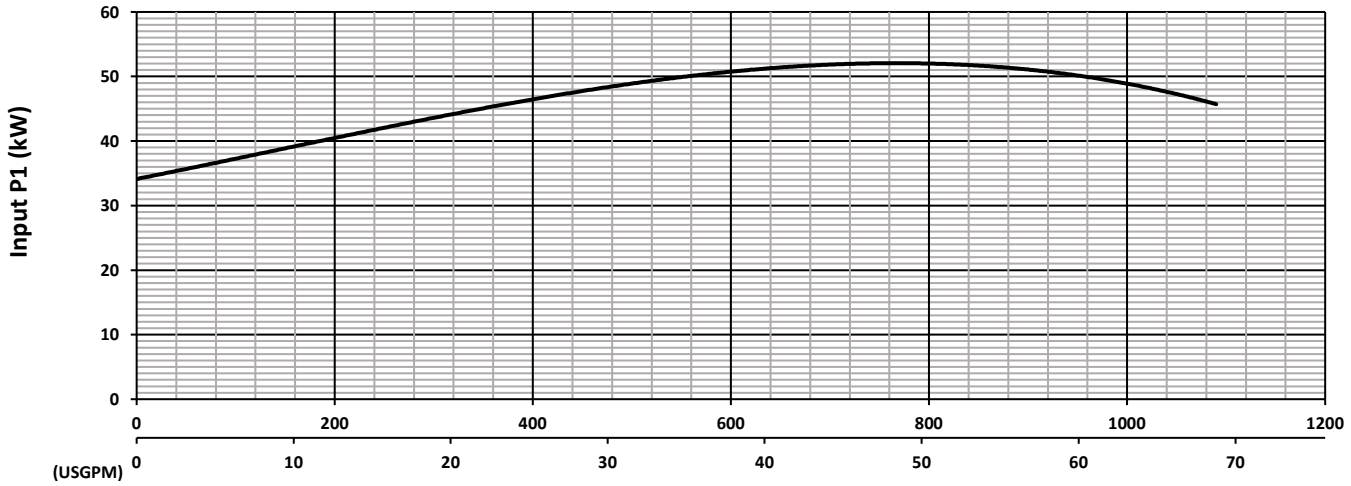
Mine Dewatering Pumps SX6000 HV - Dual Units

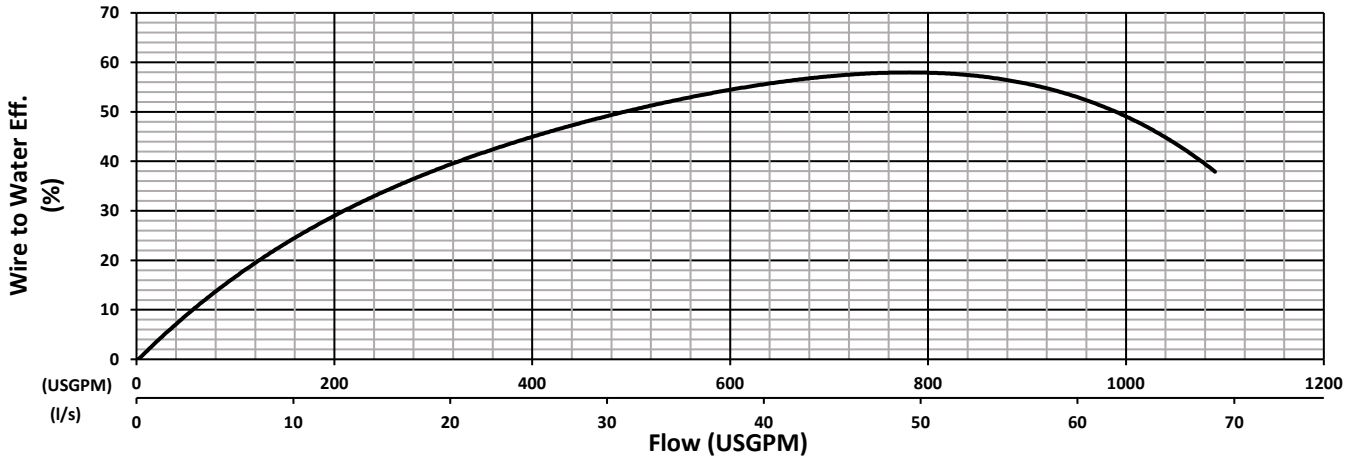
Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	264mm

Specifications subject to change without notice

INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE	Stancor® Mine Dewatering Pumps SX6000 HH			
	Dwg:	DS-A16-045	Rev:	4	Date:	12/18/2025







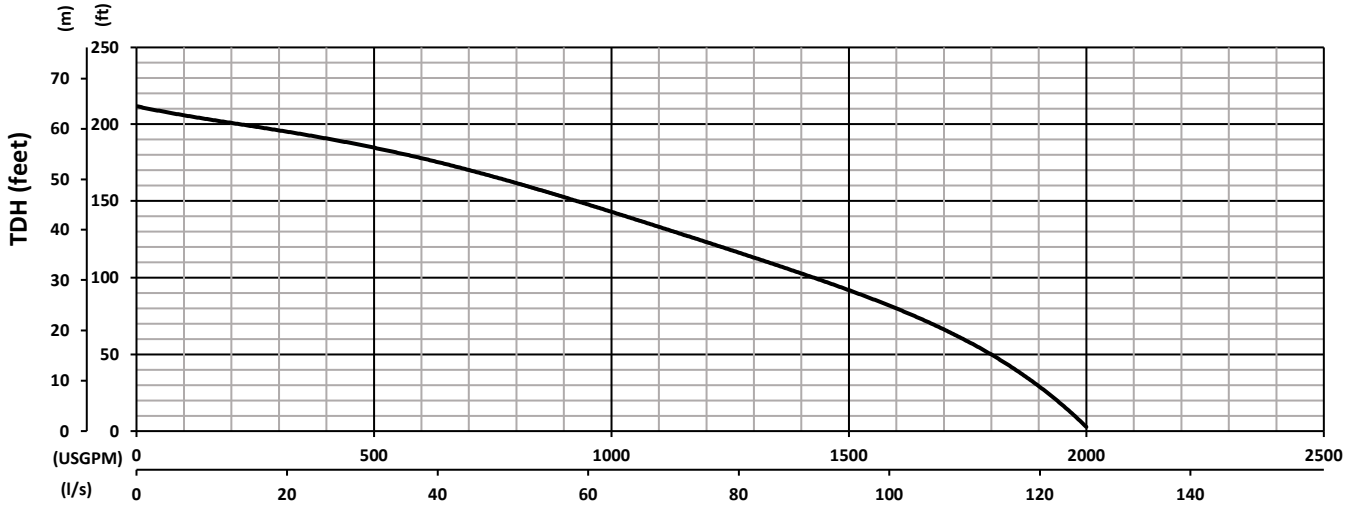
Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

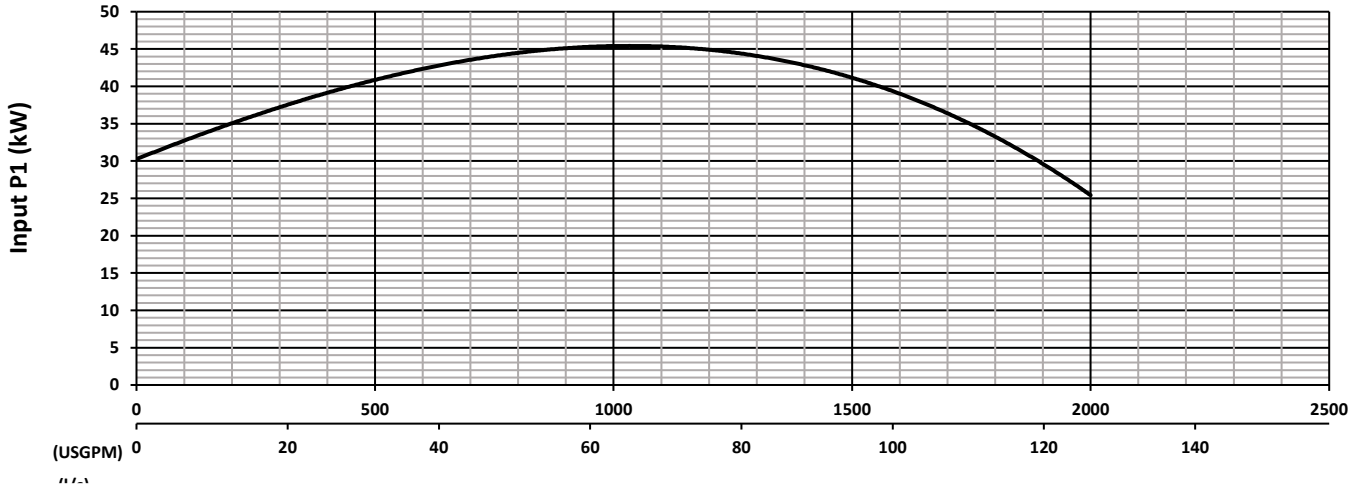
Mine Dewatering Pumps SX6000 HH - Dual Units

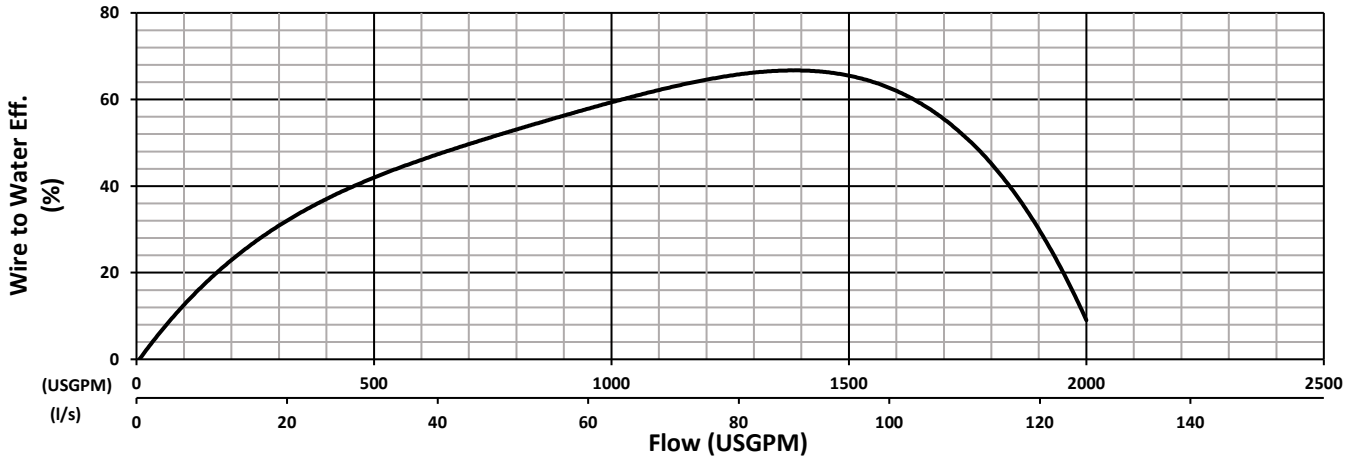
Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	239mm

Specifications subject to change without notice

INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE	Stancor® Mine Dewatering Pumps SX6000 MR			
	Dwg:	DS-A16-046	Rev:	2	Date:	12/18/2025







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

Mine Dewatering Pumps SX6000 MR - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	198mm

Specifications subject to change without notice