



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

Mine Dewatering Pumps P70CE HH/HV/MR V2

Dwg: DS-A16-029 Rev: 7 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 (0.9m)
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	2G-3142A-1



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)
P70CE	3Ø	28	460V	39	260	J	0.86	0.89	2/3450
			575V	30	200	J	0.86	0.89	2/3450
			950V	20	134	J	0.86	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 304 Stainless Steel	ASTM A532 Class III Type Chromium
Volute	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	Two heavy duty angular contact ball bearings	Two heavy duty angular contact ball bearings
Upper Shaft Seal	Carbon/Ceramic	Carbon/Ceramic
Lower Shaft Seal	SiC/SiC	SiC/SiC
Impeller HH	AISI 316 Stainless Steel	ASTM A532 Class III Type Chromium
Impeller HV	17-4PH Stainless Steel	ASTM A532 Class III Type Chromium
Impeller MR	AISI 316 Stainless Steel	ASTM A532 Class III Type Chromium

DIMENSIONS, WEIGHT, AND MISC.

Pump weight (without cable)	326 lbs (147.9kg)
Discharge size, HH	4 inch NPT male vertical
Discharge size, HV	6 inch NPT male vertical
Discharge size, MR	4 inch NPT male vertical / 6 inch NPT male vertical
Strainer Opening	9mmX22mm

CABLE SPECIFICATIONS

Model	Phase/Voltage	Power Cable*	Length*	Outer Jacket	
P70CE	3Ø	460V	6/3 G-GC, 4/3 G-GC, 2/3 G-GC	Per MSHA Approval	CPE, Heavy Duty
		575V	6/3 G-GC, 4/3 G-GC, 2/3 G-GC	Per MSHA Approval	CPE, Heavy Duty
		950V	6/3 G-GC, 4/3 G-GC, 2/3 SHD-GC	Per MSHA Approval	CPE, Heavy Duty

* 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 •

www.flowsolutions.com



INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

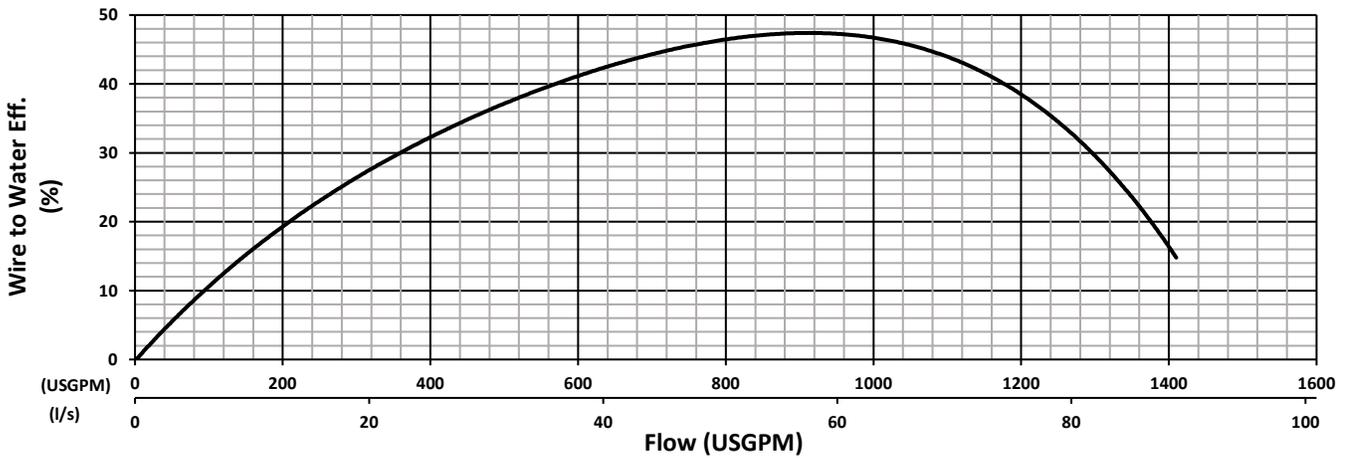
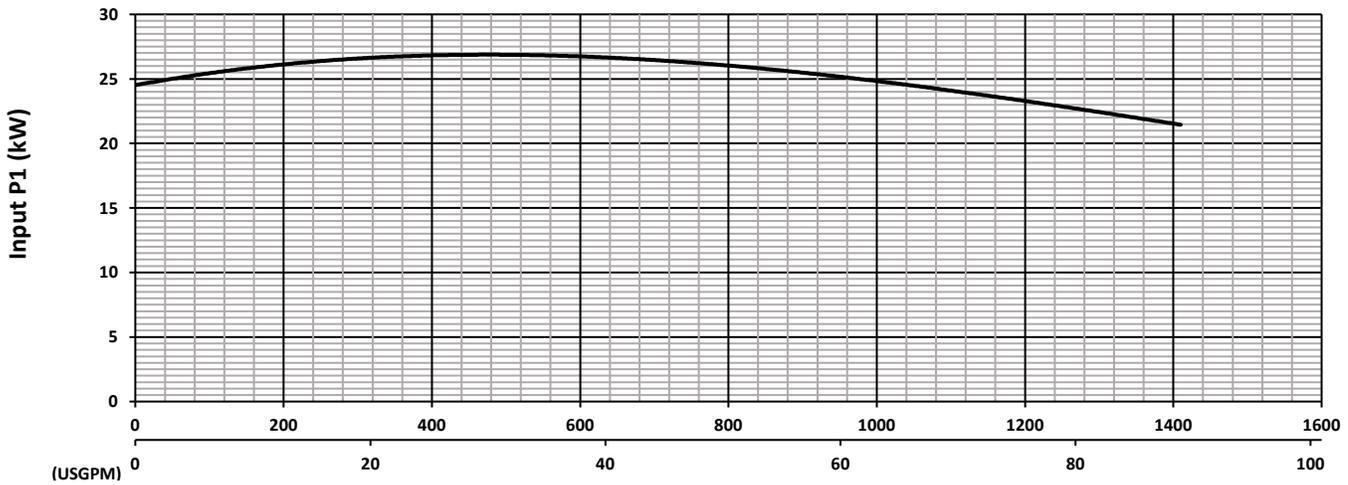
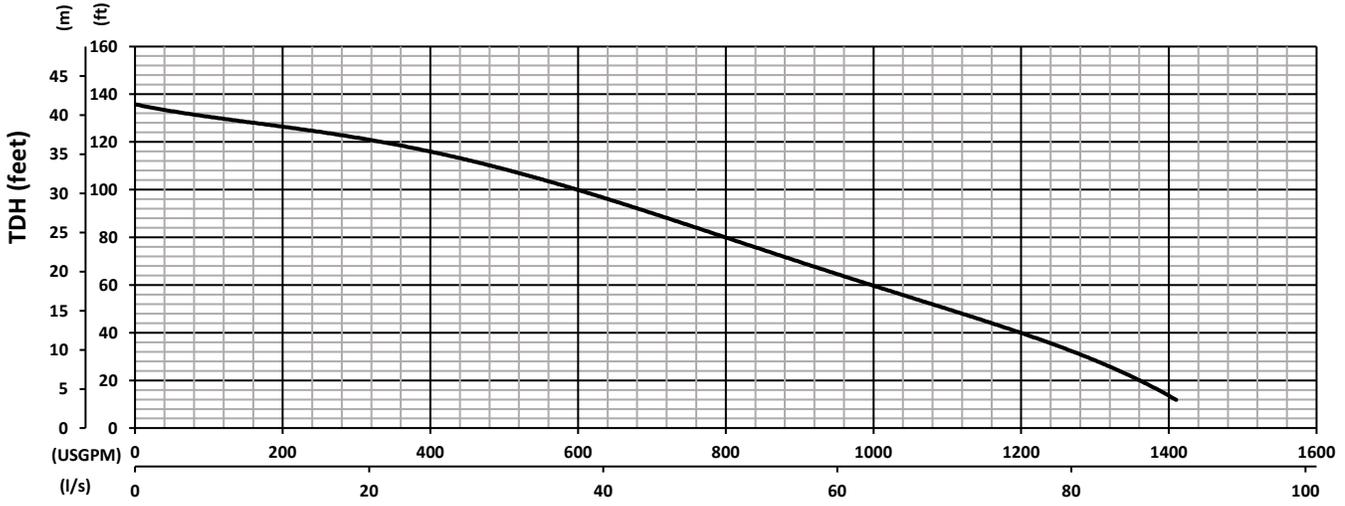
Stancor® Mine Dewatering Pumps P70CE HV

Dwg: DS-A16-031

Rev: 4

Date: 12/18/2025

12/18/2025



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

Mine Dewatering Pumps P70CE HV - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 161mm

Specifications subject to change without notice

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

www.flowsolutions.com



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

Stancor® Mine Dewatering Pumps P70CE HH

Dwg:

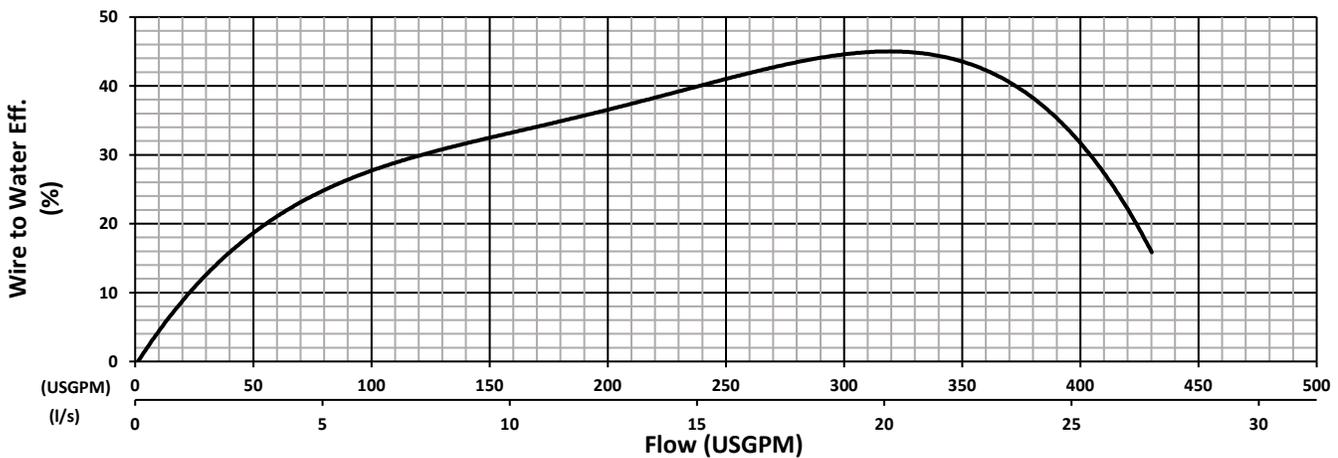
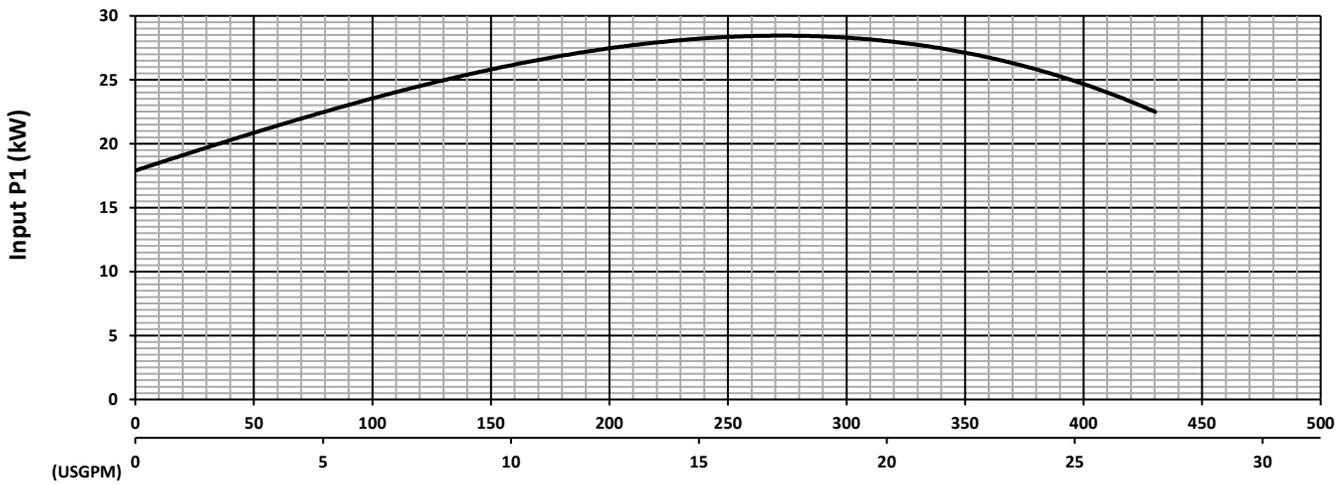
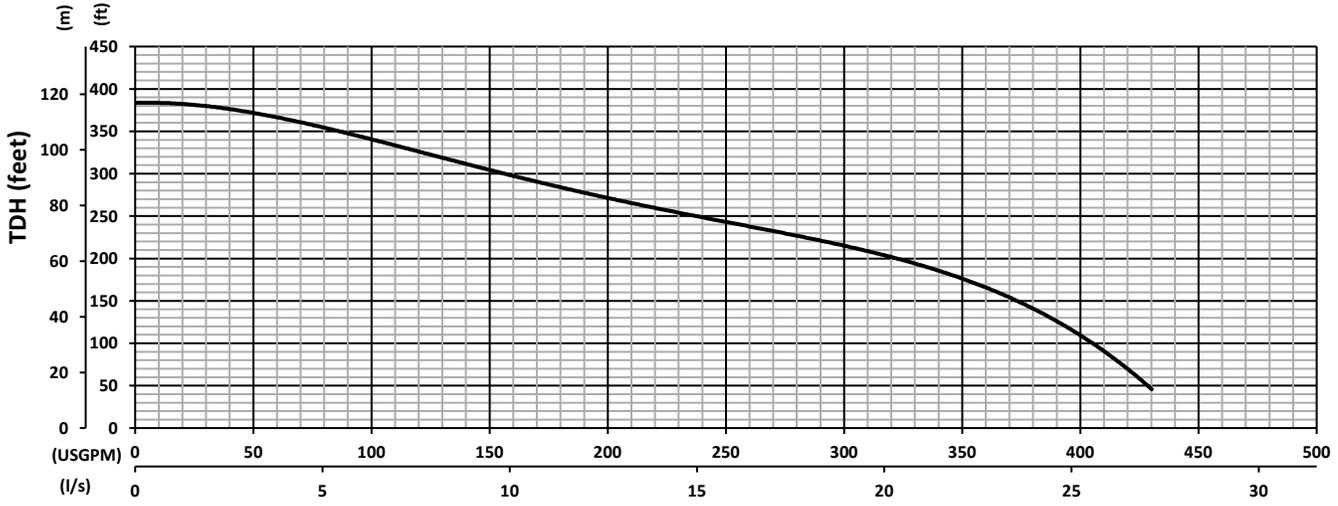
DS-A16-034

Rev:

4

Date:

12/18/2025



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

Mine Dewatering Pumps P70CE HH - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 200mm

Specifications subject to change without notice

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

www.flowsolutions.com



INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

Stancor® Mine Dewatering Pumps P70CE MR

Dwg:

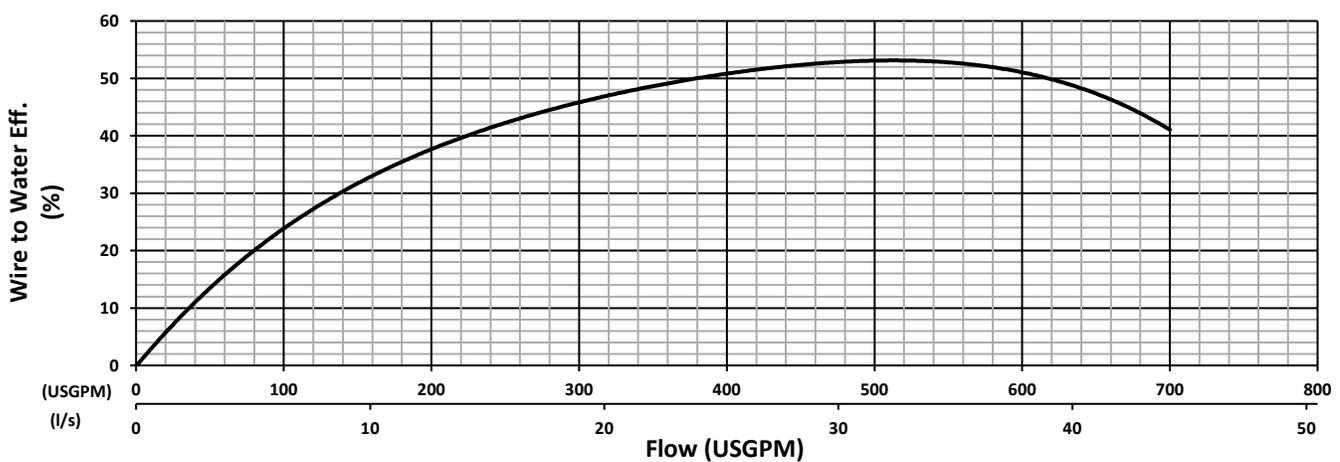
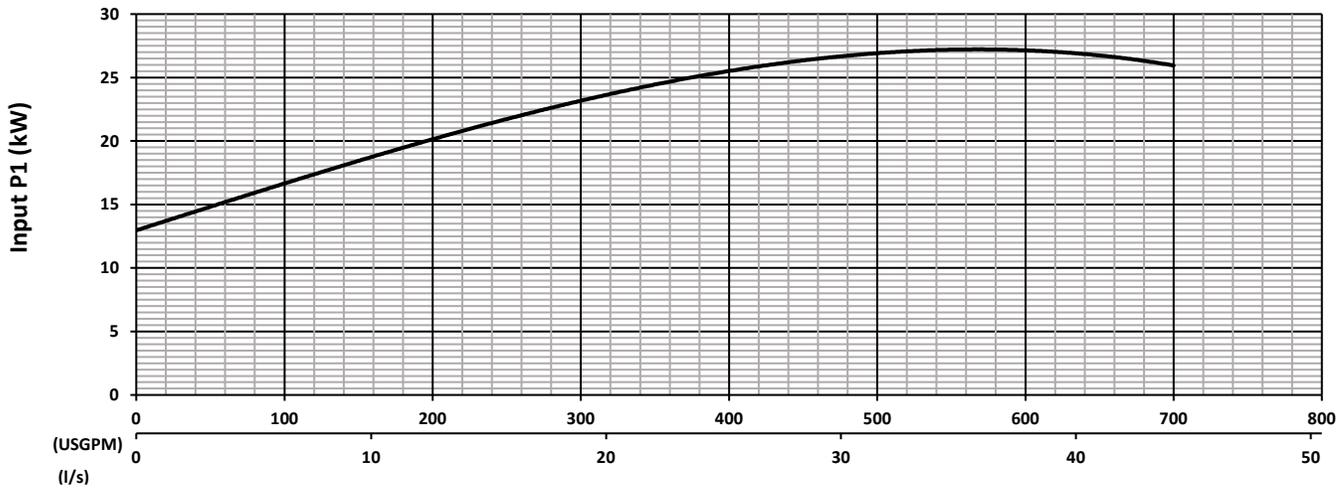
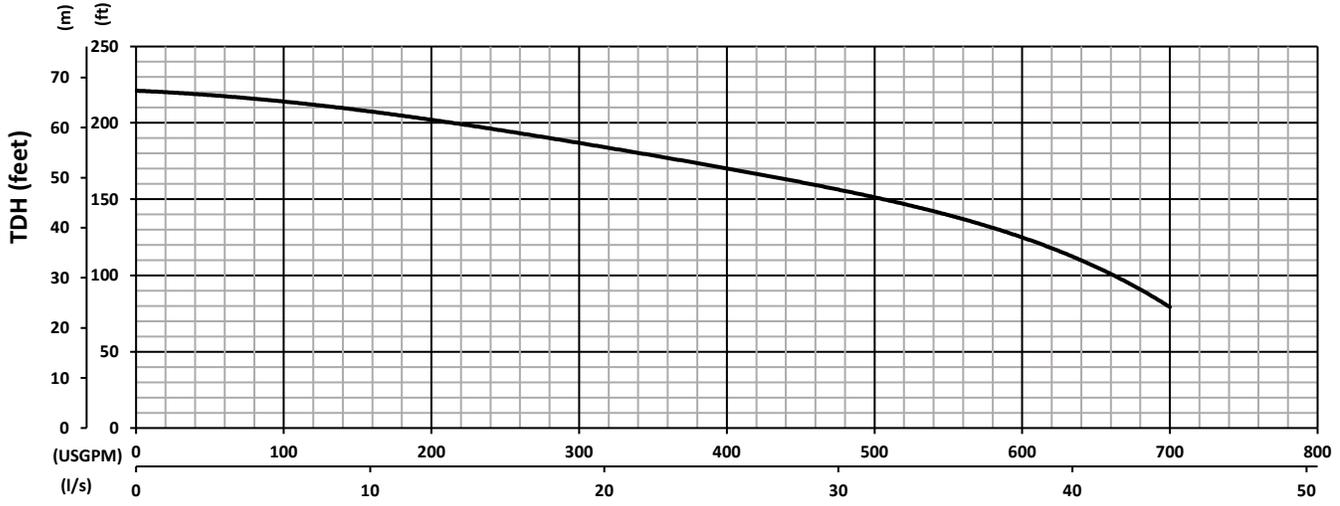
DS-A16-129

Rev:

2

Date:

12/18/2025



Test Standard : HI 11.6 Gr 3B

Tested with water at 20°C

Mine Dewatering Pumps P70CE MR - Dual Frequency

60 Hz

Pump Speed

3450 RPM

Impeller

206mm

Specifications subject to change without notice

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

www.flowsolutions.com