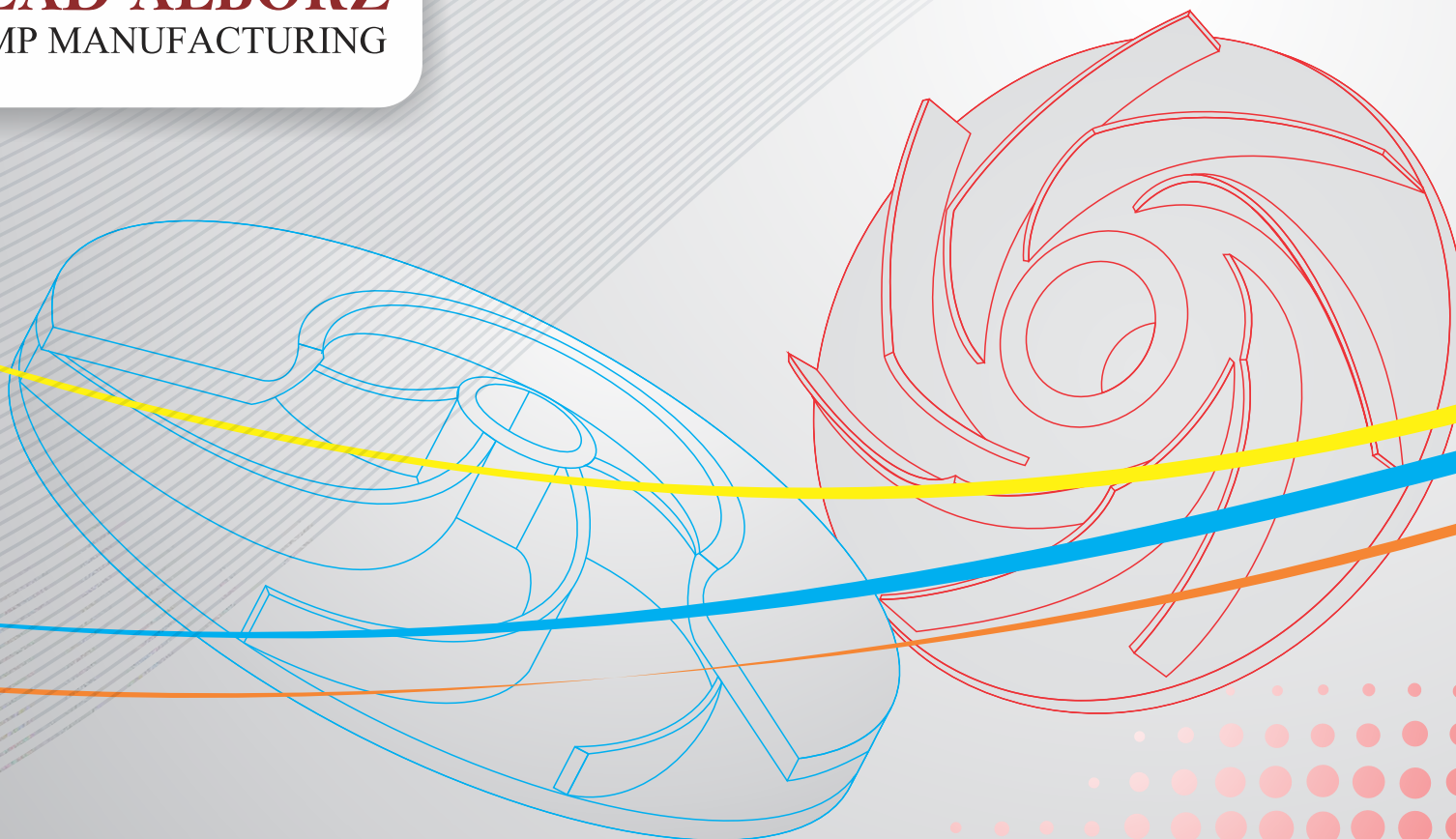


صنایع پمپ سازی آزاد البرز
AZAD ALBORZ
PUMP MANUFACTURING

آزاد البرز
به فردایی بهتر و ایرانی آبادتر می اندیشد.



Introduction

Azad Alborz Co in 1362 with the aim of producing pumps in the industrial city of Qazvin martyr Rajai established.

The company utilizes a specialized staff and advanced production methods with modern equipment experts every year a stake in the community's needs in this area has. This thinking is based on the standard and quality of products produced with hopes of providing excellent service is Iran's progress and excellence.

Product

Circulating Pump, Circulating Etatherm, Jacuzzi Pumps, Centrifugal Pumps and a variety of smart electromechanical Booster Pumps

معرفی شرکت

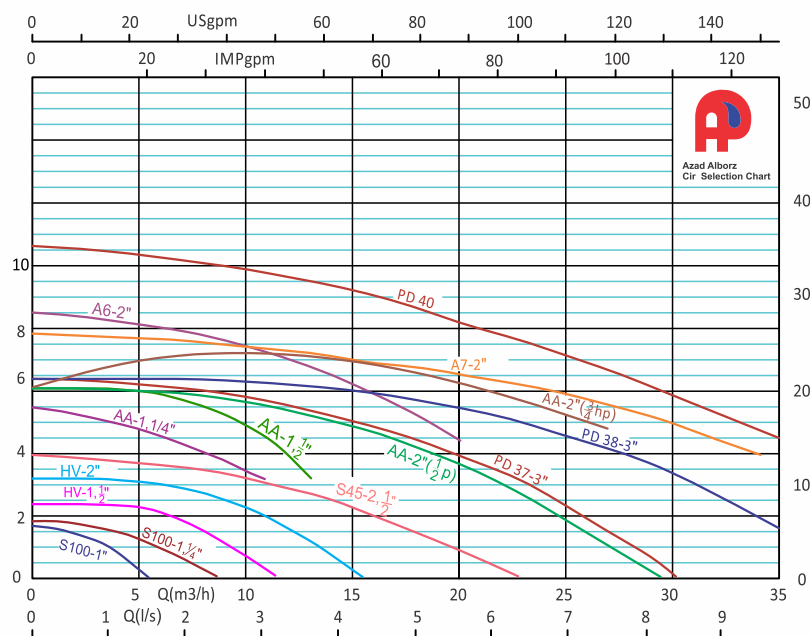
شرکت تولیدی آزادالبرز در سال ۱۳۶۲ با هدف تولید انواع پمپ هادر شهرک صنعتی شهید رجایی قزوین تاسیس گردید.

این شرکت با بهره گیری از پرسنل متخصص و کارشناسان مجرب و تجهیزات مدرن روز و با متدهای تولید پیشرفته هر ساله سهم عمده ای در تامین نیازهای جامعه در این زمینه دارا می باشد . این مجموعه با تفکر مبتنی بر تولید با استاندارد دو کیفیت مطلوب محصولات امیدوار است ضمن ارائه خدماتی شایسته زمینه ساز پیشرفت و تعالی ایران عزیز باشد.

محصولات

پمپ های سیرکولاتور خطی، سیرکولاتور آتاترم، پمپ های جکوزی، پمپ های سانتریفیوژ زمینی و انواع بوستر پمپ های الکترومکانیکی هوشمند

In-Line Circulator Types											
No.	Pump Type	Max Capacity (GPM)	Maximum Head (ft)	Impeller Diameter (mm)	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Power		Ampere		N (rpm)
							KW	HP	1-Phase	3-Phase	
1	2" A6	90	28	150	2"	2"	0.75(3/4)	1	5.8	3.8	1450
2	2" A7	145	27	155	2"	2"	1.1 (3/4)	1.5	5.8	3.8	1450
3	1,1/2" AA	55	20	129	1,1/2"	1,1/2"	0.37	0.5(1/2)	2.8	—	1450
4	2" AA (3/4hp)	120	24	129	2"	2"	0.55	0.75(3/4)	3.9	—	1450
5	1,1/4" AA	45	18	129	1,1/4"	1,1/4"	0.37	0.5(1/2)	2.8	—	1450
6	2" AA (1/2hp)	128	20	129	2"	2"	0.37	0.5(1/2)	2.8	—	1450
7	1,1/2" HV	50	8	75	1,1/2"	1,1/2"	0.12(1/8)	0.16(1/6)	1.35	—	1450
8	2" HV	68	11	85	2"	2"	0.12(1/8)	0.16(1/6)	1.35	—	1450
9	PD37	130	22	129	2,1/2"	2,1/2"	0.55	0.75(3/4)	3.9	2.8	1450
10	PD38	150	21	129	3"	3"	0.75(3/4)	1	5.8	3.8	1450
11	PD40	150	34	150	3"	3"	1.5	2	9.4	7.1	1450
12	2,1/2" S45	100	13	100	2,1/2"	2,1/2"	0.25(1/4)	0.33(1/3)	2.2	—	1450
13	1" S100	24	6	70	1"	1"	0.09	0.125(1/8)	0.75	—	1450
14	1,1/4" S100	35	7	70	1,1/4"	1,1/4"	0.09	0.125(1/8)	0.75	—	1450



Circulator

پمپ‌های سیرکولاتور

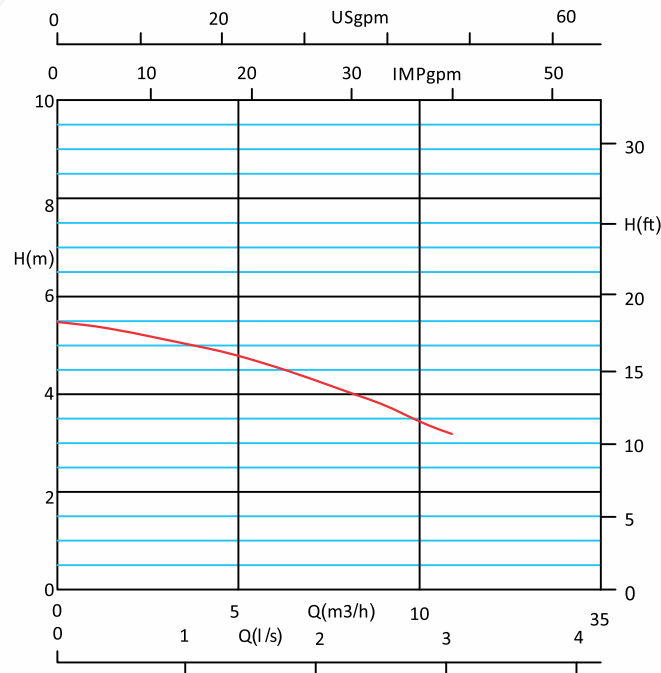


مشخصات کلی

- ♦ دارای الکترو موتورهای استاندارد با مصرف کم برق شرکت الکتروژن
- ♦ دارای شاسی انحصاری شرکت آزاد البرز برای بی صدا نمودن الکترو موتور
- ♦ دارای مکانیکال سیل
- ♦ دارای کوپلینگ فنری
- ♦ جنس پروانه‌ها از نوع پلی کربنات و پلی آمید الیافدار می باشند که مقاوم در برابر خوردگی و رسوبات می باشند.
- ♦ جنس شفت‌ها از نوع فولاد آلیاژی ضد زنگ می باشد.

General Specification

- ♦ They contain standard engines with low power consumption that belong to Electrogen co.
- ♦ They contain exclusive chassis of Azad Alborz company to make the electro engines silent.
- ♦ They contain mechanical seal.
- ♦ They have springy and elastic coupling.
- ♦ the impellers are made of polycarbonate and polyamide so they are resistant against sediment and corrosion.
- ♦ Shafts are made of stainless alloy steels

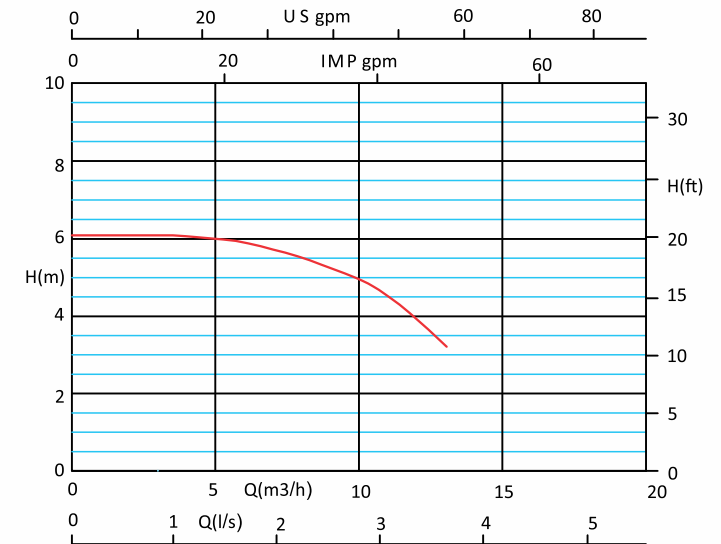


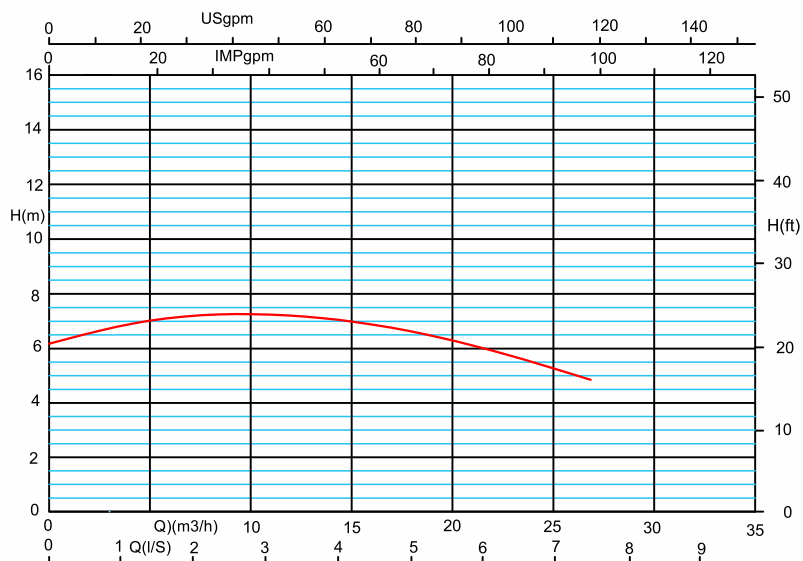
1-1/2 AA

Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
55	20	129	Mechanical Seal	1,1/2"	1,1/2"	Cast Iron	Alloyed Steel	Poly Carbonate	0.37	0.5 (1/2)	1450	2.8	-----

Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
45	18	129	Mechanical Seal	1,1/4"	1,1/4"	Cast Iron	Alloyed Steel	Poly Carbonate	0.37	0.5 (1/2)	1450	2.8	-----

1-1/4 AA





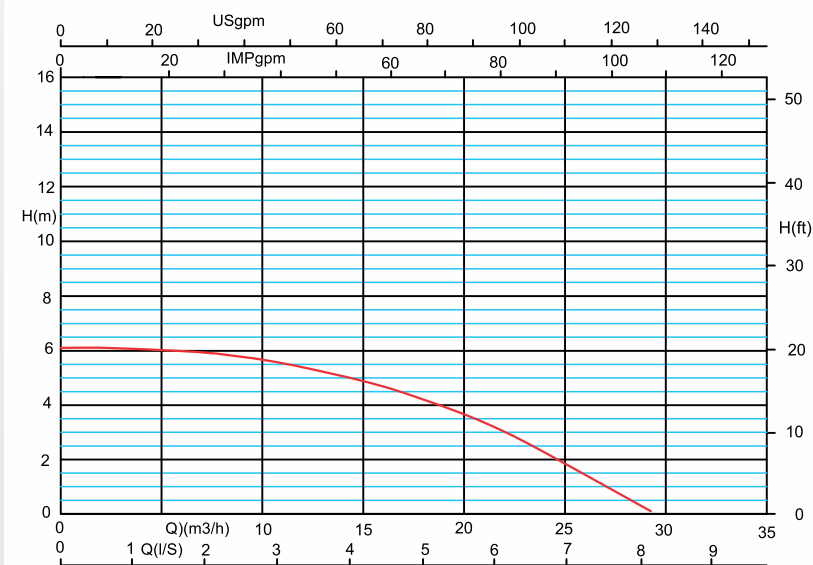
Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
120	24	129	Mechanical Seal	2"	2"	Cast Iron	Alloyed Steel	Poly Carbonate	0.55	0.75(3/4)	1450	3.9	-----

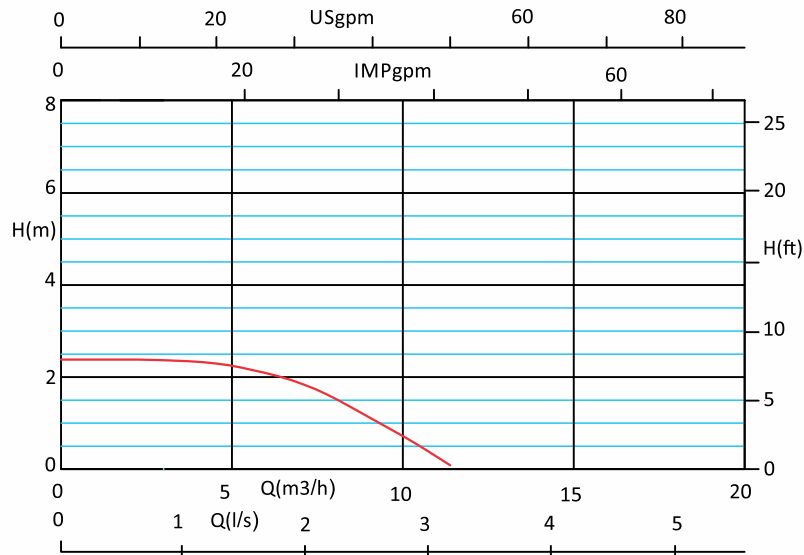
2" AA 3/4



2" AA

Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
128	20	129	Mechanical Seal	2"	2"	Cast Iron	Alloyed Steel	Poly Carbonate	0.37	0.5 (1/2)	1450	2.8	-----





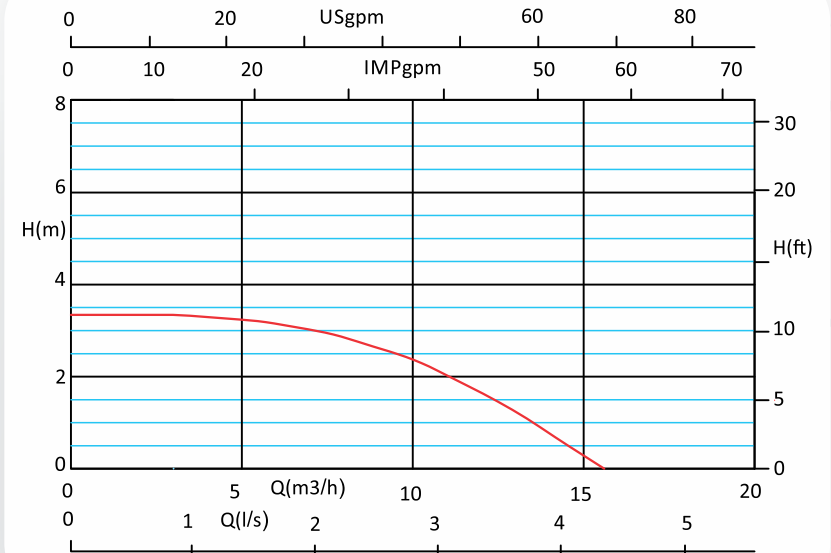
Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
50	8	75	Mechanical Seal	1,1.2"	1,1.2"	Cast Iron	Alloyed Steel	Poly Carbonate	0.12(1/8)	0.16(1/6)	1450	1.35	-----

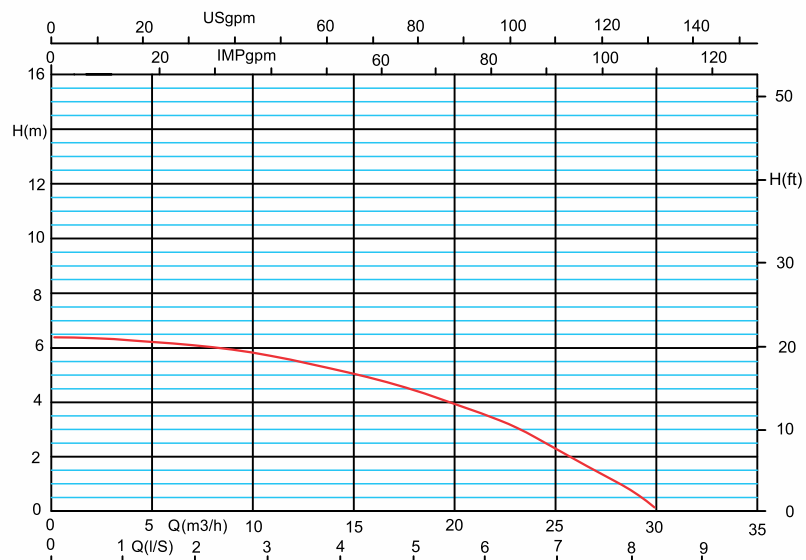
1-1/2 HV



2" HV

Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
68	11	85	Mechanical Seal	2"	2"	Cast Iron	Alloyed Steel	Poly Carbonate	0.12(1/8)	0.16(1/6)	1450	1.4	0.87





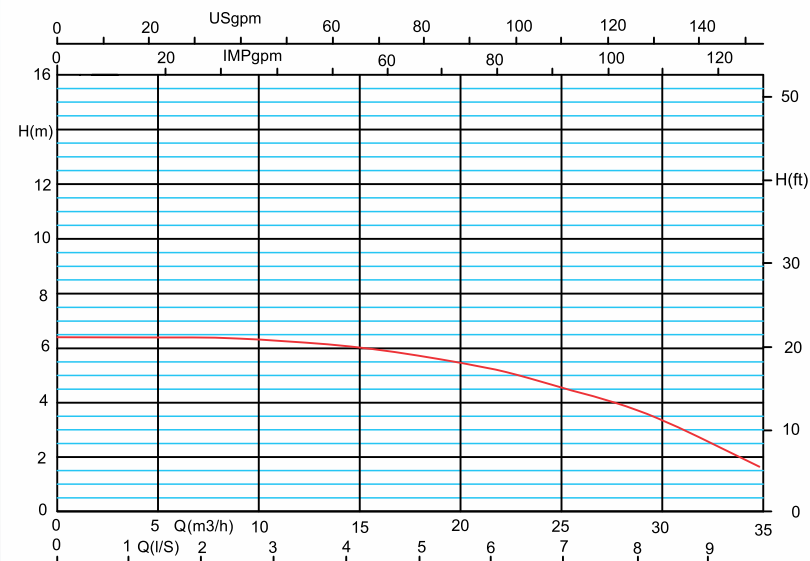
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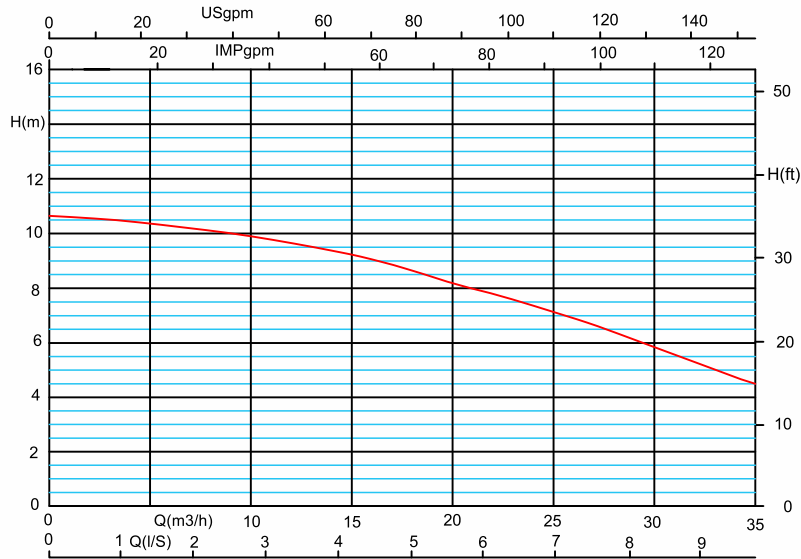
Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
130	22	129	Mechanical Seal	2,1/2"	2,1/2"	Cast Iron	Alloyed Steel	Poly Carbonate	0.55	0.75(3/4)	1450	3.9	2.8



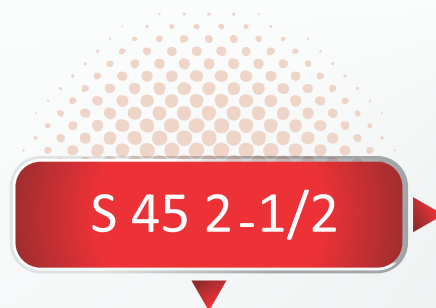
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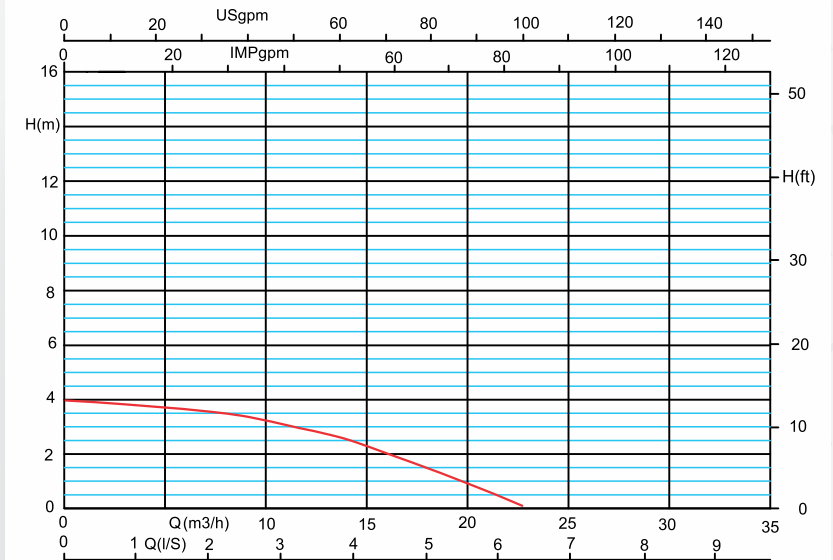
Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
150	21	129	Mechanical Seal	3"	3"	Cast Iron	Alloyed Steel	Poly Carbonate	0.75(3/4)	1	1450	5.8	3.8

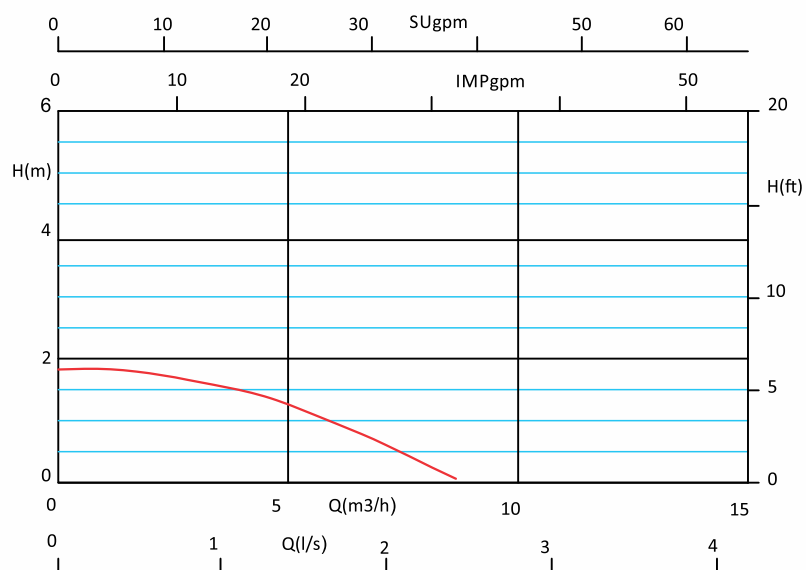


Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Dailometer (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase	3-Phase
												Ampere	Ampere
150	34	150	Mechanical Seal	3"	3"	Cast Iron	Alloyed Steel	Compound Poly Amid	1.5	2	1450	9.4	7.1



Fluid Characteristic			Pump Characteristic					Motor Characteristic					
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
100	13	100	Mechanical Seal	2,1/2"	2,1/2"	Cast Iron	Alloyed Steel	Poly Carbonate	0.25(1/4)	0.33(1/3)	1450	2.2	-----





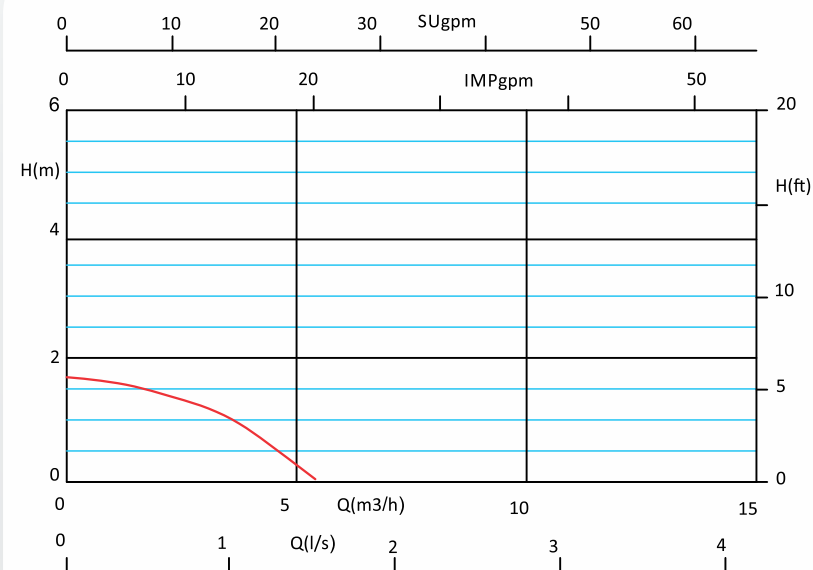
Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
35	7	70	Mechanical Seal	1,1/4"	1,1/4"	Cast Iron	Alloyed Steel	Poly Carbonate	0.09	0.125(1/8)	1450	1	-----

1-1/4" S 100



1" S 100

Fluid Characteristic			Pump Characteristic						Motor Characteristic				
MaxCapacity (GPM)	MaxHead (ft)	Impeller Diameter (mm)	Seal Type	Suction Flange Dia (Inch)	Discharge Flange Dia (Inch)	Body Material	Shaft Material	Impeller material	Power (KW)	Power (HP)	R.P.M	1-Phase Ampere	3-Phase Ampere
24	6	70	Mechanical Seal	1"	1"	Cast Iron	Alloyed Steel	Poly Carbonate	0.09	0.125(1/8)	1450	0.75	-----



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