

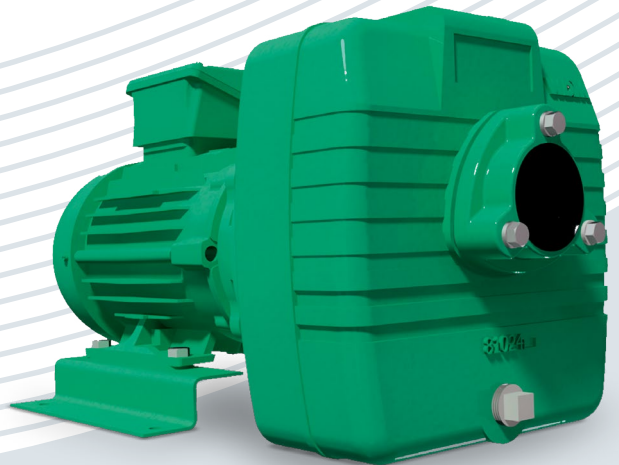
WDM[®]

PUMPS

AU Free Shaft



AE Monoblock



- Flows up to 3600 GPM
- Size up to 10" discharge
- Motor up to 75 HP

- Cast iron impeller
- Temperature up to 70°C

- Quick priming
- Handling of solids up to Ø 2.5"

Technical Book

Self-priming Pumps

WDM PUMPS



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WDM PUMPS

WDM Pumps has evolved as an international manufacturer of pumps and water handling systems, consistently meeting and exceeding customer expectations. With a tradition and experience spanning over 60 years, WDM Pumps designs and manufactures high-quality electric and combustion pumps for various commercial and industrial applications. Our continuous growth is rooted in our commitment to high standards in efficient product design and development, production, sales, and customer service.

Customers rely on our world-class team of experienced professionals, technicians, and product application specialists. WDM offers a range of pumping products and related equipment for a wide variety of applications. WDM Pumps manufactures and distributes centrifugal pumps in monobloc and universal coupling lines, including High and Medium Pressure, Self-Priming, Spiral, Peripheral, Jet, General Service, Industrial Service, Submersible Sewage, Deep Well, Vertical and Horizontal Multi-Stage, ANSI, and Vertical Turbine pumps.

WDM Pumps' plants are strategically located throughout the Americas, with offices in the USA, Mexico, Guatemala, Panama, Colombia, Ecuador, Peru, Chile, Argentina, and Brazil.



Other Facilities

- United States
- Mexico
- Guatemala
- Panama
- Colombia
- Ecuador
- Peru
- Brazil
- Chile
- Argentina

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Self-priming Pumps Monoblock

Characteristics

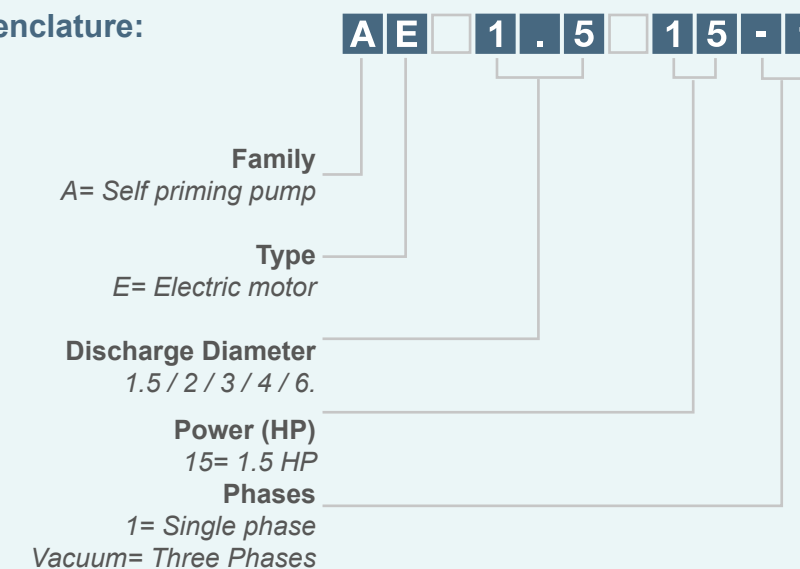
- Construction in cast iron
- Suction up to 6"
- Discharge up to 6"
- Cast iron impeller. Semi-open. Dynamically balanced.
- Mechanical seal ceramic / Carbon / Buna-N.
- Single-phase motor up to 3 HP, three-phase up to 25 HP.

Benefits:

- Quick delivery.
- Easy setup and installation.
- Low and easy maintenance.
- Long lifespan.
- Variety of sizes.



Nomenclature:





Self-priming Pump Free Shaft

Characteristics

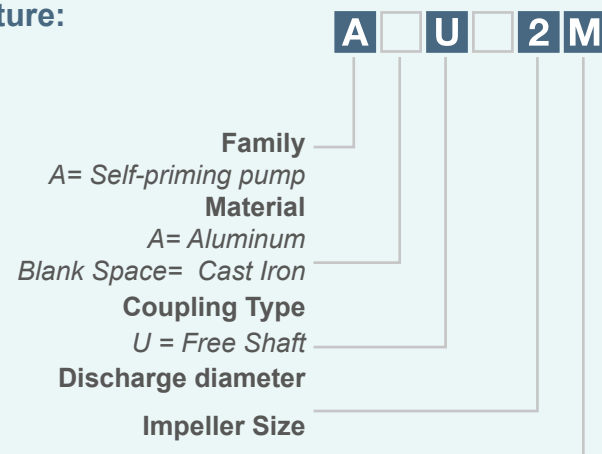
- Construction: Cast iron
- Suction: Up to 10"
- Discharge: Up to 10"
- Impeller: Cast iron. Semi-open.
- Mechanical Seal: Ceramic / Carbon / Buna-N.



Benefits

- Fast delivery.
- Easy setup and installation.
- Low and easy maintenance.
- Long lifespan.
- Variety of sizes.

Nomenclature:

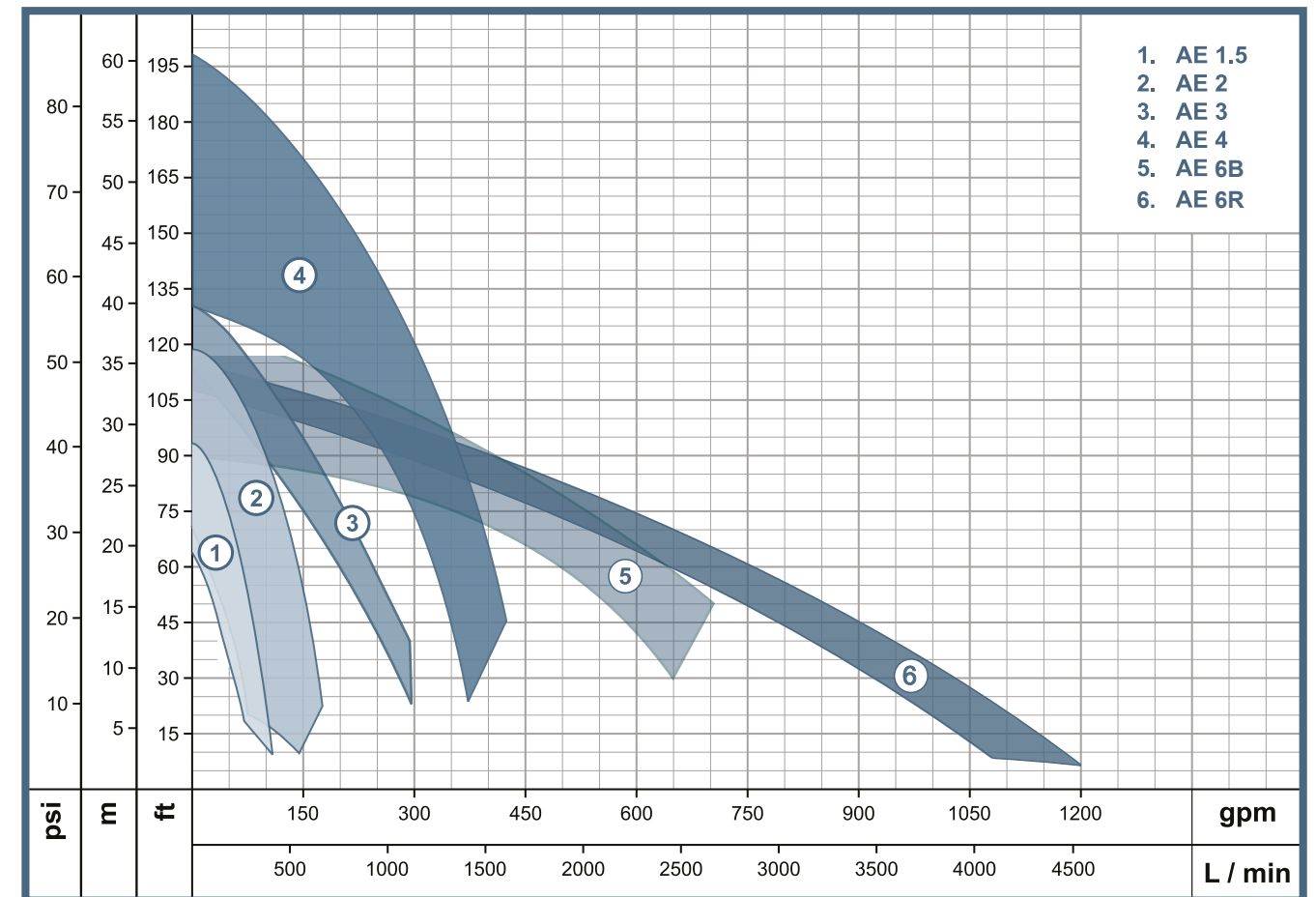


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Selection Tables AE Series

Self-Priming pumps
Cast Iron
Free Shaft

2 poles (3600 rpm)



Selection Charts AU Series

Self-Priming pumps
Cast Iron
Free Shaft



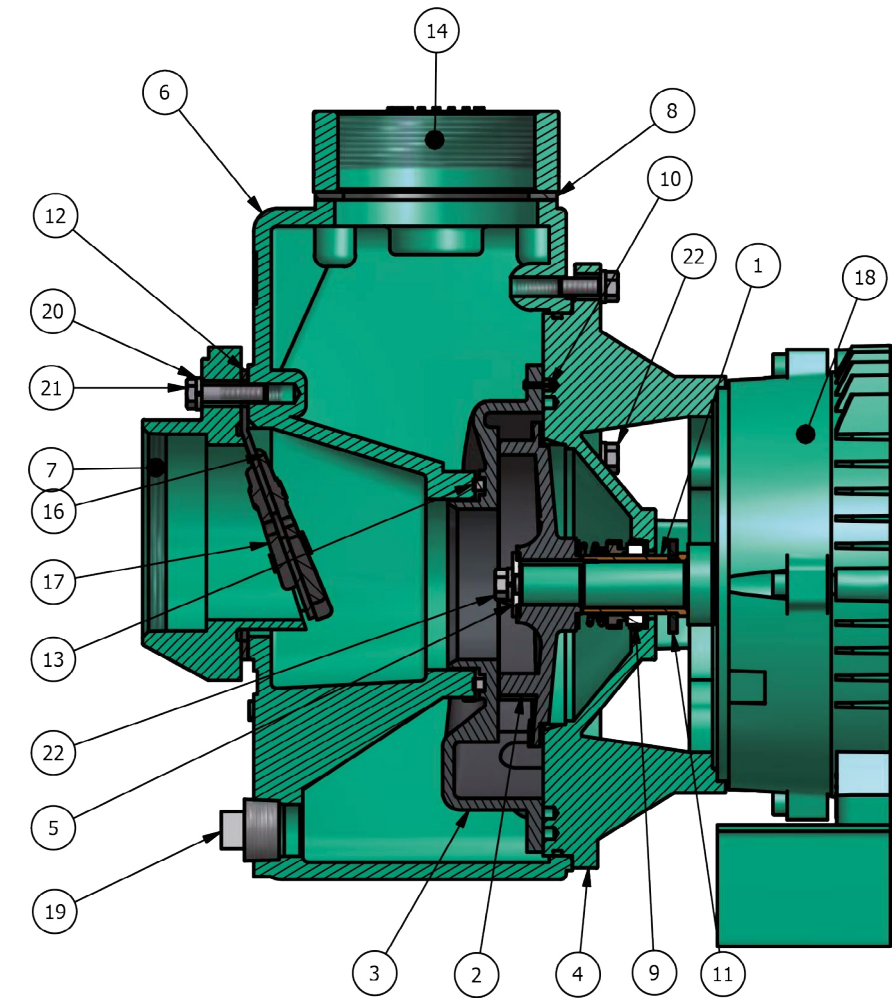
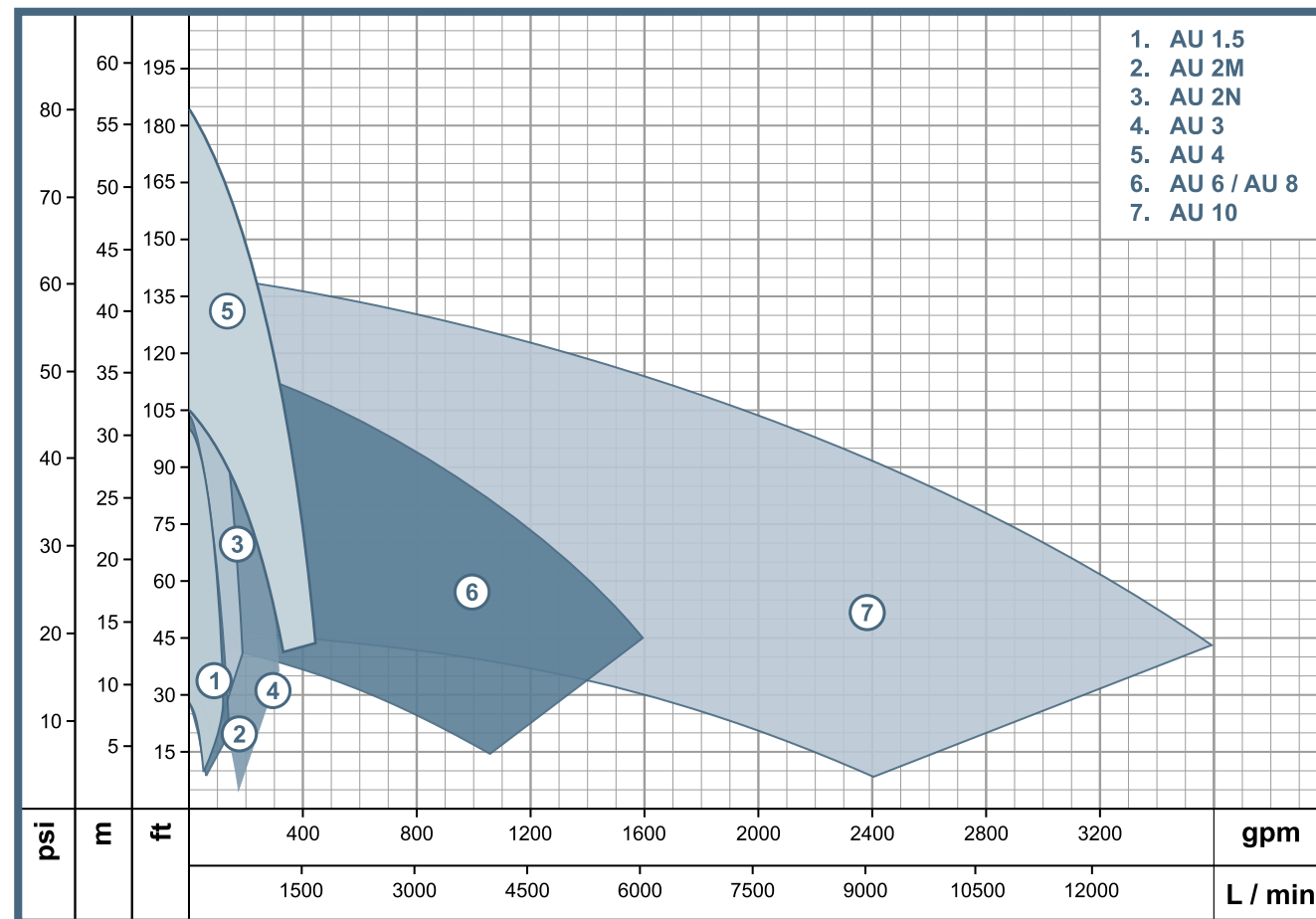
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Sectional Views AE Series

Sel-priming Pumps
Cast Iron
Monoblock



ITEM	CANT.	DESCRIPTION	MATERIAL
1	1	SHAFT SLEEVE	STAINLESS STEEL AISI 304
2	1	IMPELLER	CAST IRON ASTM A48
3	1	VOLUTE	CAST IRON ASTM A48
4	1	INTERMEDIATE COUPLING	CAST IRON ASTM A48
5	1	WASHER	STAINLESS STEEL AISI 304
6	1	BODY	CAST IRON ASTM A48
7	1	SUCTION FLANGE	CAST IRON ASTM A48
8	1	DISCHARGE GASKET	STANDARD PAPER GASKET
9	1	MECHANICAL SEAL	CHARCOAL / CERAMIC / BUNA
10	2	VOLUTE PIN	STAINLESS STEEL AISI 304
11	1	WASHER	BUNA

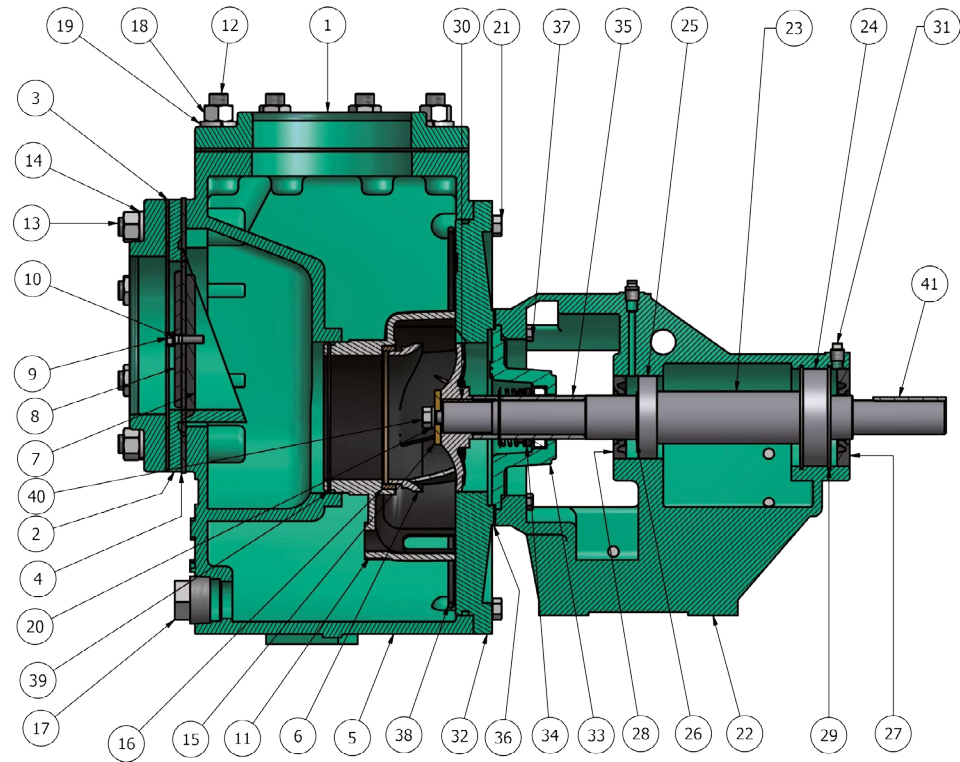
ITEM	CANT.	DESCRIPTION	MATERIAL
12	1	NEOPRENE GASKET	RUBBER
13	1	PACKING VOLUTE	RUBBER
14	1	DISCHARGE FLANGE	IRON ASTM A48
15	1	BASE	CARBON STEEL
16	1	LARGE WEIGHT	CAST IRON ASTM A48
17	1	SMALL WEIGHT	CAST IRON ASTM A48
18	1	MOTOR	CONSULT WITH SUPPLIER
19	2	THREADED PLUG	CARBON STEEL
20	13	SAFETY WASHER	CARBON STEEL
21	3	HEX HEAD SCREW	CARBON STEEL
22	6	HEX HEAD SCREW	CARBON STEEL

Sectional Views AU Series

Self-Priming Views
Cast Iron
Free Shaft



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ITEM	CANT.	DESCRIPTION	MATERIAL
1	1	DISCHARGE FLANGE	CAST IRON ASTM A48
2	1	SUCTION FLANGE	CAST IRON ASTM A48
3	2	SUCTION FLANGE GASKET	NEOPRENE
4	1	NEOPRENE GASKET	RUBBER
5	1	BODY	CAST IRON ASTM A48
6	1	IMPELLER	CAST IRON ASTM A48
7	1	LARGE WEIGHT	CAST IRON ASTM A48
8	1	SMALL WEIGHT	CAST IRON ASTM A48
9	1	HEXAGON HEAD SCREW	CARBON STEEL
10	1	SAFETY WASHER	CARBON STEEL
11	1	VOLUTE	CAST IRON ASTM A48
12	8	NUT	CARBON STEEL
13	8	NUT	CARBON STEEL
14	8	SAFETY WASHER	CARBON STEEL
15	1	IMPELLER SAFETY WASHER	CAST IRON AISI 304
16	1	VOLUTE GASKET	RUBBER
17	2	THREADED PLUG	CARBON STEEL
18	16	HEXAGON NUT	CARBON STEEL
19	11	SAFETY WASHER	CARBON STEEL
20	9	SAFETY WASHER	CAST IRON AISI 304
21	8	HEXAGON HEAD SCREW	CARBON STEEL

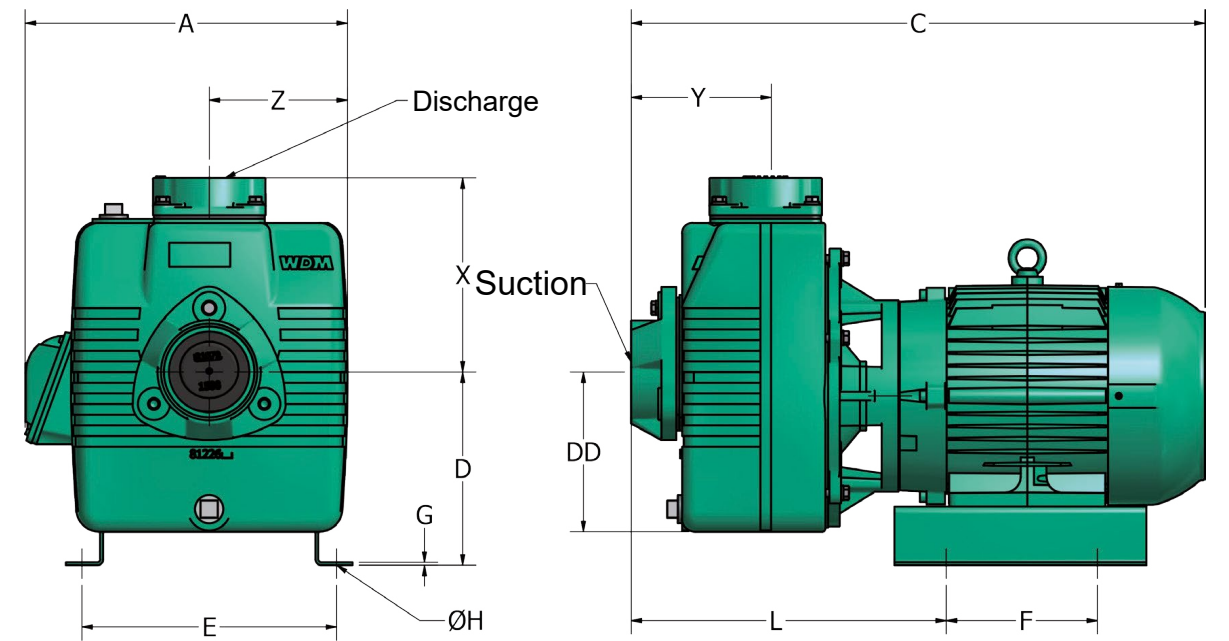
ITEM	CANT.	DESCRIPTION	MATERIAL
22	1	PEDESTAL	CAST IRON ASTM A48
23	4	SHAFT	IRON ASTM 4140
24	1	RADIAL BEARING	CARBON STEEL
25	1	RADIAL BEARING	CARBON STEEL
26	4	RETENTION RING	CARBON STEEL
27	1	BEARING COVER	NITRILE RUBBER
28	1	BEARING COVER	NITRILE RUBBER
29	2	RETENTION RING	CARBON STEEL
30	1	FRICTION RING	CARBON STEEL
31	13	GREASE CAP	CARBON STEEL
32	1	ADAPTER DISC	CAST IRON ASTM A48
33	1	IMPELLER WEDGE	CAST IRON ASTM A48
34	1	MECHANICAL SEAL	CHARCOAL/CERAMIC/BUNE
35	1	SHAFT SLEEVE	STAINLESS STEEL AISI 304
36	1	COUPLING PACKING	STANDARD PAPER GASKET
37	6	IMPELLER HEAD SCREW	CARBON STEEL
38	1	O RING	NITRILE RUBBER
39	1	O RING	NITRILE RUBBER
40	1	IMPELLER HEAD SCREW	STAINLESS STEEL AISI 304
41	1	COUPLING WEDGE	CARBON STEEL



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Dimensions AE Series

Self-Priming Pumps
Cast Iron
Monoblock



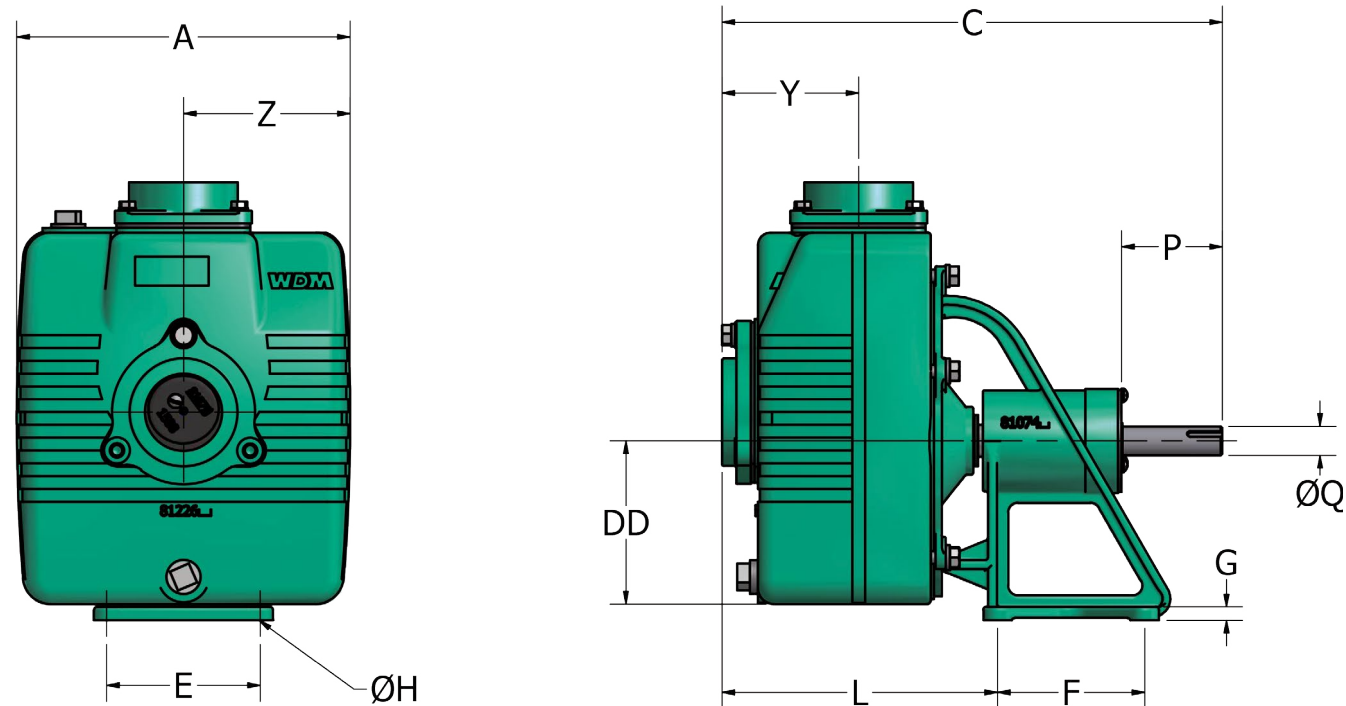
Dimensions (Inches)																
Model	Ref.	A	c	D	DD	E	F	G	H	L	X	Y	Z	Frame	Suc	Des
AE 1.5 7-1	1D0046	7 5/8"	18 1/16"	9 5/16"	8 7/16"	2 1/4"	4 3/4"	1/8"	7/16"	9 1/2"	1 1/2"	5 1/2"	3 13/16"	56J	1 1/2"	1 1/2"
AE 1.5 7	1D0380	7 5/8"	18 1/16"	9 5/16"	8 7/16"	2 1/4"	4 3/4"	1/8"	7/16"	9 1/2"	1 1/2"	5 1/2"	3 13/16"	56J	1 1/2"	1 1/2"
AE 1.5 10-1	1D0047	7 5/8"	18 13/16"	9 5/16"	8 7/16"	2 1/4"	4 3/4"	1/8"	7/16"	9 1/2"	1 1/2"	5 1/2"	3 13/16"	56J	1 1/2"	1 1/2"
AE 1.5 10	1D0381	7 5/8"	18 13/16"	9 5/16"	8 7/16"	2 1/4"	4 3/4"	1/8"	7/16"	9 1/2"	1 1/2"	5 1/2"	3 13/16"	56J	1 1/2"	1 1/2"
AE 1.5 15	1D0382	11 3/8"	19 5/8"	6 1/4"	6 1/8"	9 11/16"	7 1/8"	1/8"	7/16"	9 5/8"	4 3/4"	3 3/16"	5 1/8"	143JM	1 1/2"	1 1/2"
AE 1.5 15-1	1D0027	10 3/16"	17 5/8"	6 1/2"	6 1/8"	4 7/8"	3 11/16"	1/8"	7/16"	7 5/8"	4 3/4"	3 3/16"	5 1/8"	56J	1 1/2"	1 1/2"
AE 1.5 20-1	1D0048	10 3/16"	18"	6 1/2"	6 1/8"	4 7/8"	3 11/16"	1/8"	7/16"	7 5/8"	4 3/4"	3 3/16"	5 1/8"	56J	1 1/2"	1 1/2"
AE 1.5 20	1D0500	11 3/8"	19 5/8"	6 1/4"	6 1/8"	9 11/16"	7 1/8"	1/8"	7/16"	9 5/8"	4 3/4"	3 3/16"	5 1/8"	145JM	1 1/2"	1 1/2"
AE 2 20-1	1D0087	7 5/8"	20 3/16"	9 1/4"	8 7/16"	2 5/8"	4 3/4"	1/8"	7/16"	9 3/4"	1 1/2"	5 3/4"	3 13/16"	56J	2"	2"
AE 2 30-1	1D0033	10 5/16"	18 3/8"	6 7/16"	6 1/8"	4 7/8"	3 11/16"	1/8"	7/16"	8 1/16"	4 13/16"	3 13/16"	5 3/16"	56J	2"	2"
AE 2 30	1D0501	11 7/16"	20 1/8"	6 3/16"	6 1/8"	9 11/16"	7 1/8"	1/8"	7/16"	10 1/8"	4 13/16"	3 13/16"	5 3/16"	145JM	2"	2"
AE 2 50	1D0502	11 5/8"	22 1/16"	6 11/16"	6 1/8"	9 13/16"	7"	1/8"	7/16"	10 1/4"	4 13/16"	3 13/16"	5 3/16"	184JM	2"	2"
AE 2 75	1D0383	12 3/4"	22"	7 5/16"	6 1/8"	9 1/4"	7"	1/8"	7/16"	9 3/4"	4 13/16"	3 13/16"	5 3/16"	184JM	2"	2"
AE 3 50-1	1D0419	13 13/16"	23 3/4"	8 5/8"	7 1/4"	11"	7"	1/8"	7/16"	12 11/16"	3 3/4"	4 3/16"	5 1/8"	184JM	3"	3"
AE 3 50	1D0385	11 3/4"	23 3/8"	8 1/16"	7 1/4"	9 13/16"	7"	1/8"	7/16"	11 9/16"	3 3/4"	4 3/16"	5 1/8"	184JM	3"	3"
AE 3 75	1D0505	14 1/16"	24 9/16"	8 5/16"	7 1/2"	11"	7 1/8"	1/8"	7/16"	13 1/16"	8 15/16"	5 5/16"	6 1/2"	184JM	3"	3"
AE 4 100	1D0506	15 3/16"	27"	9 1/16"	7 1/2"	12"	7 1/8"	1/8"	7/16"	14 7/8"	9 1/8"	6 5/16"	6 1/2"	215JM	4"	4"
AE 4 150	1D0507	15 3/16"	28 1/2"	8 1/16"	7 1/2"	12"	7"	1/8"	7/16"	16 5/16"	9 1/8"	6 5/16"	6 1/2"	215JM	4"	4"
AE 6R 250	1D0511	17 3/4"	37"	15 5/8"	-	12"	31 1/2"	-	9/16"	4"	9"	8 1/8"	8 7/8"	256JM	6"	6"
AE 6B 100-1	1D0549	14"	32"	13"	-	10 3/4"	19 5/8"	-	9/16"	6 3/8"	10"	9 1/2"	7"	256JM	6"	6"
AE 6B 100	1D0550	14"	31 1/2"	13"	-	10 3/4"	19 5/8"	-	9/16"	6 3/8"	10"	9 1/2"	7"	256JM	6"	6"
AE 6B 150	1D0551	14"	33"	13"	-	10 3/4"	19 5/8"	-	9/16"	6 3/8"	10"	9 1/2"	7"	256JM	6"	6"

Dimensions AU Series

Self-Priming
Cast Iron
Free Shaft



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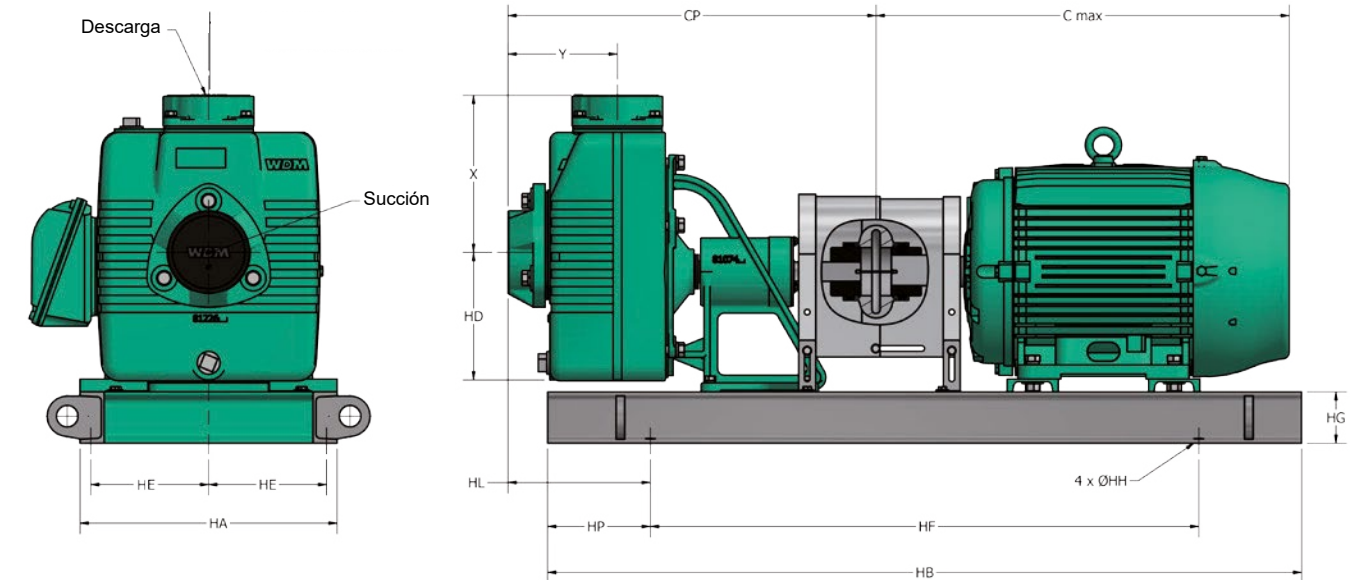
Dimensions (Inches)																	
Model	Ref.	A	C	D	DD	E	F	G	H	L	P	Q	X	Y	Z	Suc	Dis
AU 1.5	1D0017	10 3/16"	16 1/8"	6 7/16"	6 1/8"	5"	4 11/16"	3/4"	7/16"	8 1/8"	3 7/16"	1 1/8"	4 3/4"	3 3/16"	5 1/8"	1 1/2"	1 1/2"
AU 2M	1D0018	10 5/16"	16 1/2"	6 3/8"	6 1/8"	5"	4 11/16"	3/4"	7/16"	8 1/2"	3 7/16"	1 1/8"	4 13/16"	3 13/16"	5 3/16"	2"	2"
AU 2N	1D0019	10 1/4"	16 1/2"	6 3/8"	6 1/8"	5"	4 11/16"	3/4"	7/16"	8 1/2"	3 7/16"	1 1/8"	4 13/16"	3 13/16"	5 3/16"	3"	3"
AU 3	1D0021	13"	19 3/8"	8 1/8"	7 1/2"	6"	5 3/4"	1/2"	7/16"	10 3/4"	3 15/16"	1 1/8"	8 15/16"	5 5/16"	6 1/2"	3"	3"
AU 4	1D0022	13"	20 9/16"	8 1/8"	7 1/2"	6"	5 3/4"	1/2"	7/16"	11 3/4"	3 15/16"	1 1/8"	9 1/8"	6 5/16"	6 1/2"	4"	4"
AU 6	1D0023	21 9/16"	30 3/8"	17 1/4"	14"	12"	10"	13/16"	3/4"	18"	3 7/8"	1 1/2"	12 5/8"	8 7/8"	10 13/16"	6"	6"
AU 6R	1D0513	17 3/4"	32 13/16"	12 1/2"	12 1/16"	7 3/4"	6"	7/8"	9/16"	17 15/16"	3 7/8"	1 3/8"	9"	8 1/8"	8 7/8"	6"	6"
AU 8	1D0125	21 9/16"	33 11/16"	16 1/16"	12 13/16"	12"	10"	13/16"	3/4"	21 3/8"	3 11/16"	1 1/2"	17"	12 1/4"	10 3/4"	8"	8"
AU 10	1D0024	27 5/16"	38"	19 5/8"	19 1/4"	12"	10"	13/16"	3/4"	27"	3 1/16"	1 1/2"	16 5/16"	17 5/16"	13 5/8"	10"	10"



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Dimensions

AU Pumps
Free Shaft
with Motor



Dimensions (Inches)																		
Ref.	Model	Suc	Disc	Power (HP)	HE	HA	Z	HD	X	Y	CP	C Max	HG	HH	HF	HB	HP	HL
113434	AU 1.5 5-4 WE3	1 1/2	1 1/2	0.5	5.375	12.000	0.000	9.463	4.725	3.187	16.779	13.040	3.000	9/16	25.700	29.700	2.000	2.121
113435	AU 1.5 7.5-4 WE3	1 1/2	1 1/2	0.75	5.375	12.000	0.000	9.463	4.725	3.187	16.779	13.040	3.000	9/16	25.700	29.700	2.000	2.121
113436	AU 1.5 10-4 WE3	1 1/2	1 1/2	1	5.375	12.000	0.000	9.463	4.725	3.187	16.779	13.040	3.000	9/16	25.700	29.700	2.000	2.121
113437	AU 1.5 15-4 WE3	1 1/2	1 1/2	1.5	5.375	12.000	0.000	9.463	4.725	3.187	16.779	14.000	3.000	9/16	25.700	29.700	2.000	2.121
113438	AU 1.5 20 WE3	1 1/2	1 1/2	2	5.375	12.000	0.000	9.463	4.725	3.187	16.779	14.000	3.000	9/16	25.700	29.700	2.000	2.121
113439	AU 1.5 30 WE3	1 1/2	1 1/2	3	5.375	12.000	0.000	9.463	4.725	3.187	16.539	15.407	3.000	9/16	18.000	31.000	6.500	7.446
113440	AU 2M 5-4 WE3	2	2	0.5	5.375	12.000	0.000	9.375	4.789	3.768	17.517	13.356	3.000	9/16	25.700	29.700	2.000	2.500
113441	AU 2M 15-4 WE3	2	2	1.5	5.375	12.000	0.000	9.375	4.789	3.768	17.157	14.314	3.000	9/16	25.700	29.700	2.000	2.500
113442	AU 2M 20 WE3	2	2	2	5.375	12.000	0.000	9.375	4.789	3.768	17.157	14.314	3.000	9/16	25.700	29.700	2.000	2.500
113443	AU 2M 30 WE3	2	2	3	5.375	12.000	0.000	9.375	4.789	3.768	16.917	15.408	3.000	9/16	25.700	29.700	2.000	2.500
113444	AU 2N 5-4 WE3	2	2	0.5	5.375	12.000	0.000	9.375	4.839	3.813	17.203	13.042	3.000	9/16	25.700	29.700	2.000	2.545
113445	AU 2N 15-4 WE3	2	2	1.5	5.375	12.000	0.000	9.375	4.839	3.813	17.203	14.268	3.000	9/16	25.700	29.700	2.000	2.545
113446	AU 2N 20 WE3	2	2	2	5.375	12.000	0.000	9.375	4.839	3.813	17.203	14.268	3.000	9/16	25.700	29.700	2.000	2.500
113406	AU 2N 30 WE3	2	2	3	5.375	12.000	0.000	9.375	4.839	3.813	16.918	15.407	3.000	9/16	18.000	31.000	6.500	7.870
113408	AU 2N 50 WE3	2	2	5	5.375	12.000	0.000	9.375	4.839	3.813	16.963	16.298	3.000	9/16	18.000	31.000	6.500	7.870
113447	AU 3 10-4 WE3	3	3	1	5.880	13.000	0.000	11.120	8.968	5.337	20.188	13.650	3.000	9/16	24.300	32.300	4.000	5.259
113448	AU 3 20-4 WE3	3	3	2	5.880	13.000	0.000	11.120	8.968	5.337	20.188	14.000	3.000	9/16	24.300	32.300	4.000	5.259
113449	AU 3 30-4 WE3	3	3	3	5.880	13.000	0.000	11.120	8.968	5.337	20.188	16.071	3.000	9/16	28.000	35.000	3.500	4.759
113450	AU 3 50 WE3	3	3	5	5.880	13.000	0.000	11.120	8.968	5.337	20.188	16.538	3.000	9/16	28.000	35.000	3.500	4.759
113451	AU 3 75 WE4	3	3	7.5	5.880	13.000	0.000	11.120	8.968	5.337	20.188	18.780	3.000	9/16	29.209	38.209	4.500	5.259



Self-Priming Pumps

AE 1.5 7-1
 AE 1.5 7
 AE 1.5 10-1
 AE 1.5 10

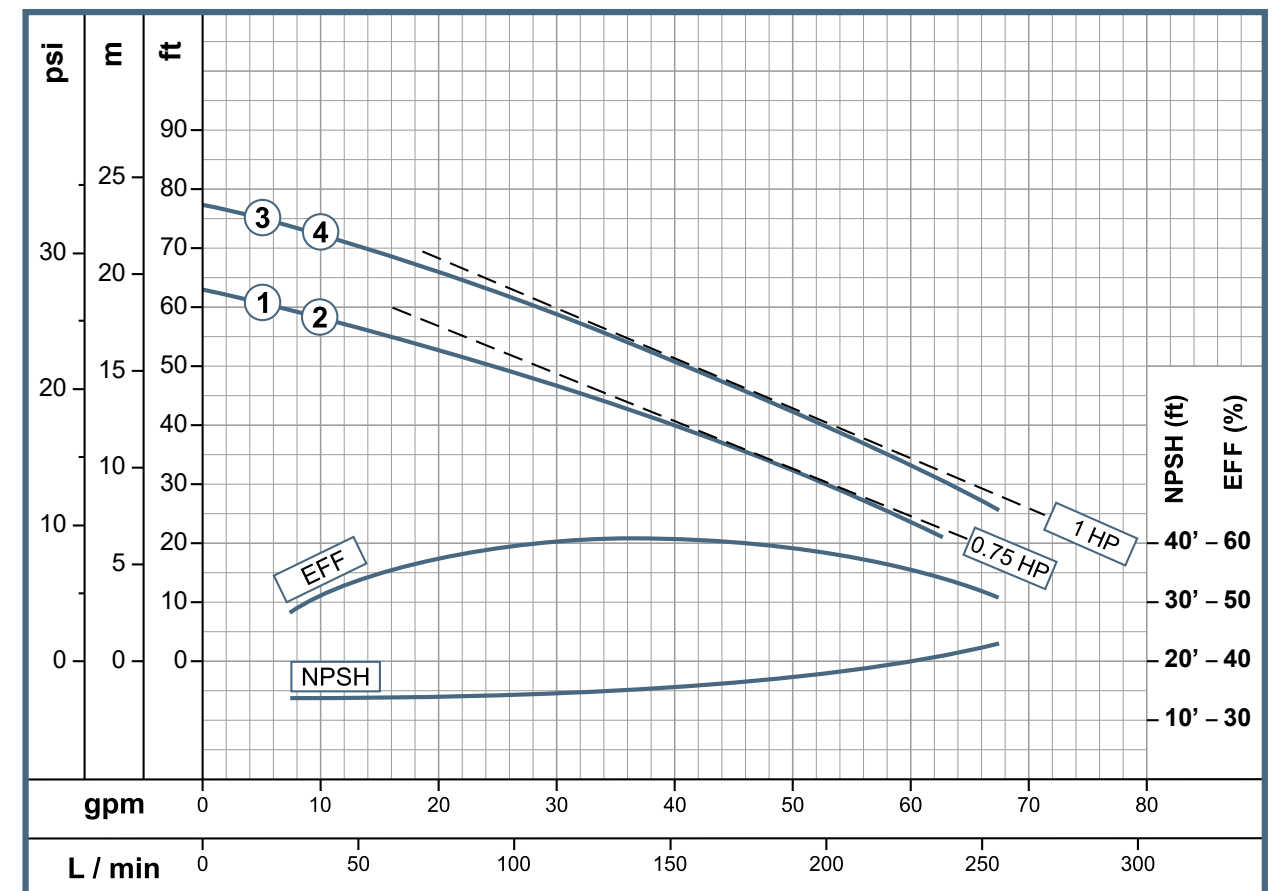
Dimensions (inches)																		
Ref.	Model	Suc	Disc	Power (HP)	HE	HA	Z	HD	X	Y	CP	C Max	HG	HH	HF	HB	HP	HL
113420	AU 4 100-4 WE4	4	4	10	6.875	13.000	0.000	11.126	7.000	6.387	21.238	20.156	3.000	9/17	29.209	38.209	4.500	6.309
113452	AU 4 20-4 WE3	4	4	2	5.880	13.000	0.000	11.126	7.000	6.387	21.238	13.650	3.000	9/16	24.300	32.300	4.000	5.809
113453	AU 4 50-4 WE3	4	4	5	5.880	13.000	0.000	11.126	7.000	6.387	21.238	16.538	3.000	9/16	28.000	35.000	3.500	5.309
113454	AU 4 75-4 WE4	4	4	7.5	5.880	13.000	0.000	11.126	7.000	6.387	21.238	18.780	3.000	9/16	29.209	38.209	4.500	6.309
113455	AU 4 150 WE5	4	4	15	6.880	15.000	0.000	11.126	7.000	6.387	21.478	24.831	3.000	9/16	32.000	44.000	6.000	7.809
113456	AU 6 100-6 WE10	6	6	10	12.313	26.000	0.000	14.000	12.742	8.972	31.350	25.983	6.000	11/16	47.333	57.333	5.000	5.000
113457	AU 6 150-6 WE10	6	6	15	12.313	26.000	0.000	14.000	12.742	8.972	31.364	28.750	6.000	11/16	44.000	60.000	8.000	8.114
113458	AU 6 200-4 WE10	6	6	20	12.313	26.000	0.000	14.000	12.742	8.972	31.350	25.983	6.000	11/16	47.333	57.333	5.000	5.000
113459	AU 6 250-4 WE10	6	6	25	12.313	26.000	0.000	14.000	12.742	8.972	31.364	28.750	6.000	11/16	44.000	60.000	8.000	8.114
113460	AU 6 300-4 WE10	6	6	30	12.313	26.000	0.000	14.000	12.742	8.972	31.364	28.750	6.000	11/16	44.000	60.000	8.000	8.114
113461	AU 6 400-4 WE10	6	6	40	14.313	30.000	0.000	14.000	12.742	8.972	31.364	30.583	6.000	11/16	47.950	61.950	7.000	6.997
113462	AU 6R 50-4 WE4	6	6	5	8.813	15.160	0.000	12.062	9.113	8.510	33.851	16.649	6.000	11/16	36.500	50.500	7.000	7.000
113463	AU 6R 150 WE5	6	6	15	8.813	15.160	0.000	12.062	9.113	8.510	34.081	24.110	6.000	11/16	44.000	58.000	7.000	7.191
113464	AU 6R 250 WE10	6	6	25	8.813	15.160	0.000	12.062	9.113	8.510	34.096	28.827	6.000	11/16	47.000	61.000	7.000	8.923
113465	AU 8 100-6 WE10	8	8	10	12.313	26.000	0.000	12.813	17.018	12.225	34.617	25.983	6.000	11/16	47.333	57.333	5.000	8.267
113466	AU 8 150-6 WE10	8	8	15	12.313	26.000	0.000	12.813	17.018	12.225	34.617	28.827	6.000	11/16	44.000	60.000	8.000	11.444
113467	AU 8 200-4 WE10	8	8	20	12.313	26.000	0.000	12.813	17.018	12.225	34.617	25.983	6.000	11/16	47.333	57.333	5.000	8.267
113468	AU 8 250-4 WE10	8	8	25	12.313	26.000	0.000	12.813	17.018	12.225	34.617	28.827	6.000	11/16	44.000	60.000	8.000	11.444
113469	AU 8 300-4 WE10	8	8	30	12.313	26.000	0.000	12.813	17.018	12.225	34.617	28.751	6.000	11/16	44.000	60.000	8.000	11.368
113432	AU 8 400-4 WE10	8	8	40	14.313	31.500	0.000	12.813	17.018	12.225	34.617	30.593	6.000	11/16	47.950	61.950	7.000	15.675
113470	AU 10 200-6 WE10	10	10	20	14.313	30.000	0.000	19.259	16.406	17.384	40.032	29.431	6.000	11/16	49.800	63.800	7.000	12.663
113430	AU 10 300-4 WE 20	10	10	30	14.313	30.000	0.000	19.259	16.406	17.384	39.332	29.431	6.000	11/16	49.800	63.800	7.000	11.963
113471	AU 10 400-4 WE20	10	10	40	14.313	30.000	0.000	19.259	16.406	17.384	40.032	29.431	6.000	11/16	55.250	69.250	7.000	7.213
113472	AU 10 500-4 WE20	10	10	50	14.313	30.000	0.000	19.259	16.406	17.384	40.032	29.431	6.000	11/16	55.250	69.250	7.000	7.213
113473	AU 10 600-4 WE30	10	10	60	14.313	30.000	0.000	19.259	16.406	17.384	40.032	29.431	6.000	11/16	56.600	70.600	7.000	5.863
113474	AU 10 750-4 WE30	10	10	75	14.313	30.000	0.000	19.259	16.406	17.384	40.032	29.431	6.000	11/16	56.600	70.600	7.000	5.863

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Pump Characteristics					
Pump type	Design	Impeller			
Final Suction	Monoblock	Semi-open (ISO G6.3)			
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling		
1	5/8" T6	70° C	1/4"		
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller	
1	AE 1.5 7-1	1D0046	1 1/2" NPT	1 1/2" NPT	4.785"
2	AE 1.5 7	1D0380	1 1/2" NPT	1 1/2" NPT	4.785"
3	AE 1.5 10-1	1D0047	1 1/2" NPT	1 1/2" NPT	4.785"
4	AE 1.5 10	1D0381	1 1/2" NPT	1 1/2" NPT	4.785"

Motor Characteristics				
Motor	Speed (rpm)	Frequency (Hz)		
Electric	3.600 (nominal)	60		
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
0.75	1	110/220	ODP	NEMA 56J
0.75	3	220/440	TEFC	NEMA 56J
1	1	110/220	ODP	NEMA 56J
1	3	220/440	TEFC	NEMA 56J

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AE 1.5 15-1
AE 1.5 15



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AE 1.5 20-1

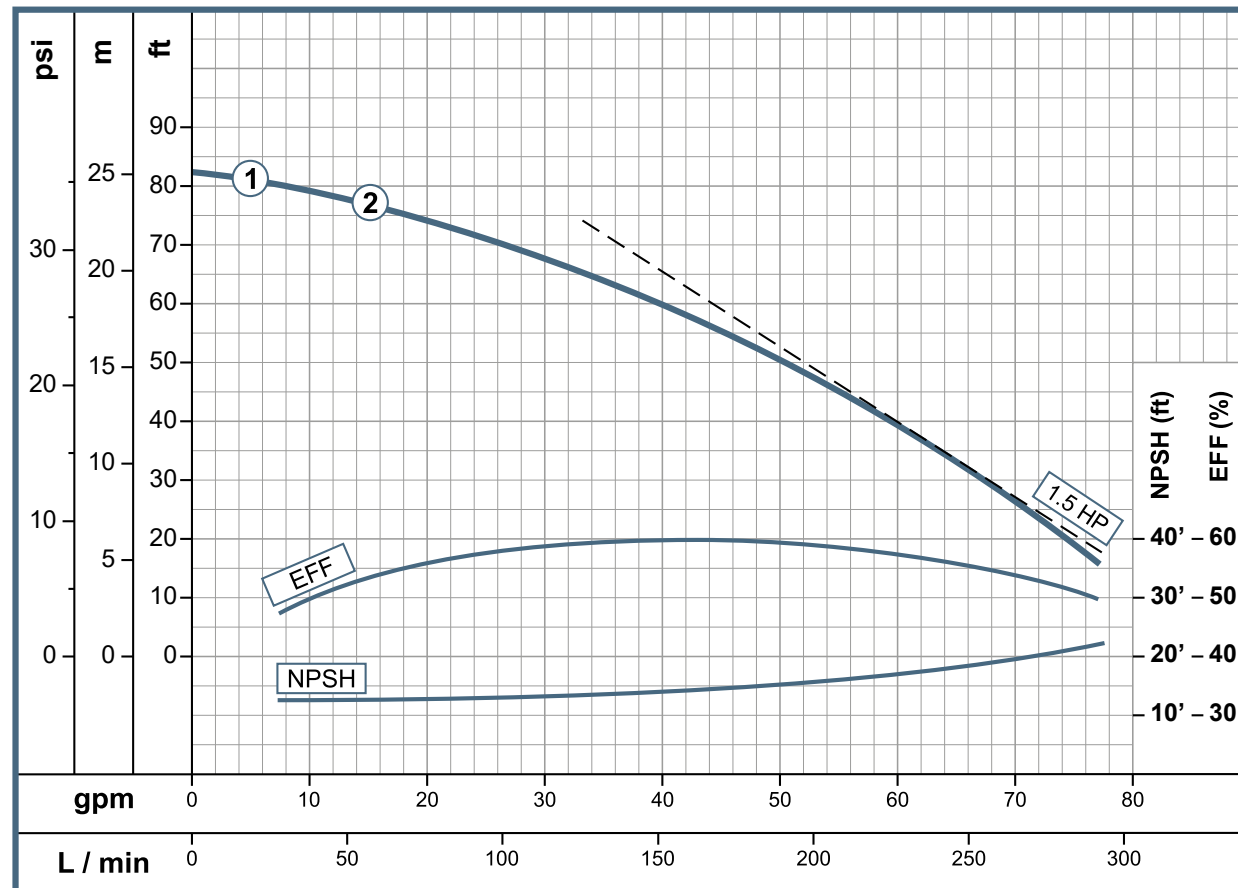
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	5/8" T6 y 1 1/4" T01	70° C	11/16"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
1	AE 1.5 15-1 1D0027	1 1/2" NPT	1 1/2" NPT	4.875"
2	AE 1.5 15 1D0382	1 1/2" NPT	1 1/2" NPT	4.875"

Motor Characteristics				
Motor	Speed (rpm)	Frequency (Hz)		
Electric	3.600 (nominal)	60		
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
1.5	1	110/220	ODP	NEMA 56J
1.5	3	220/440	TEFC	NEMA 56J

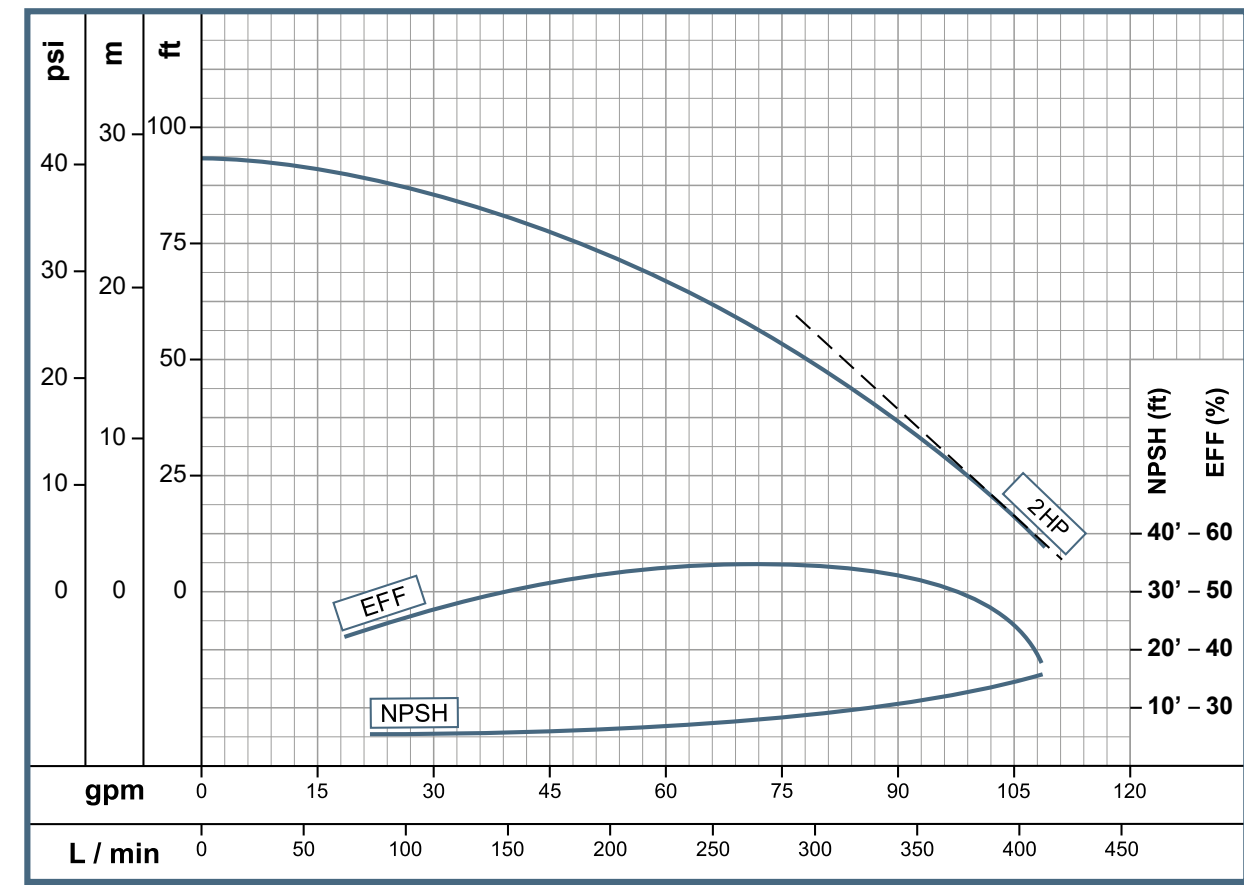
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semiopen (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	5/8" T6	70° C	3/8"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 1.5 20-1	1D0048	1 1/2" NPT	1 1/2" NPT	4.785"

Motor Characteristics				
Motor	Speed (rpm)	Frequency (Hz)		
Electric	3.600 (nominal)	60		
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
2	1	110/220	ODP	NEMA 56J

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AE 1.5 20



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AE 2 20-1

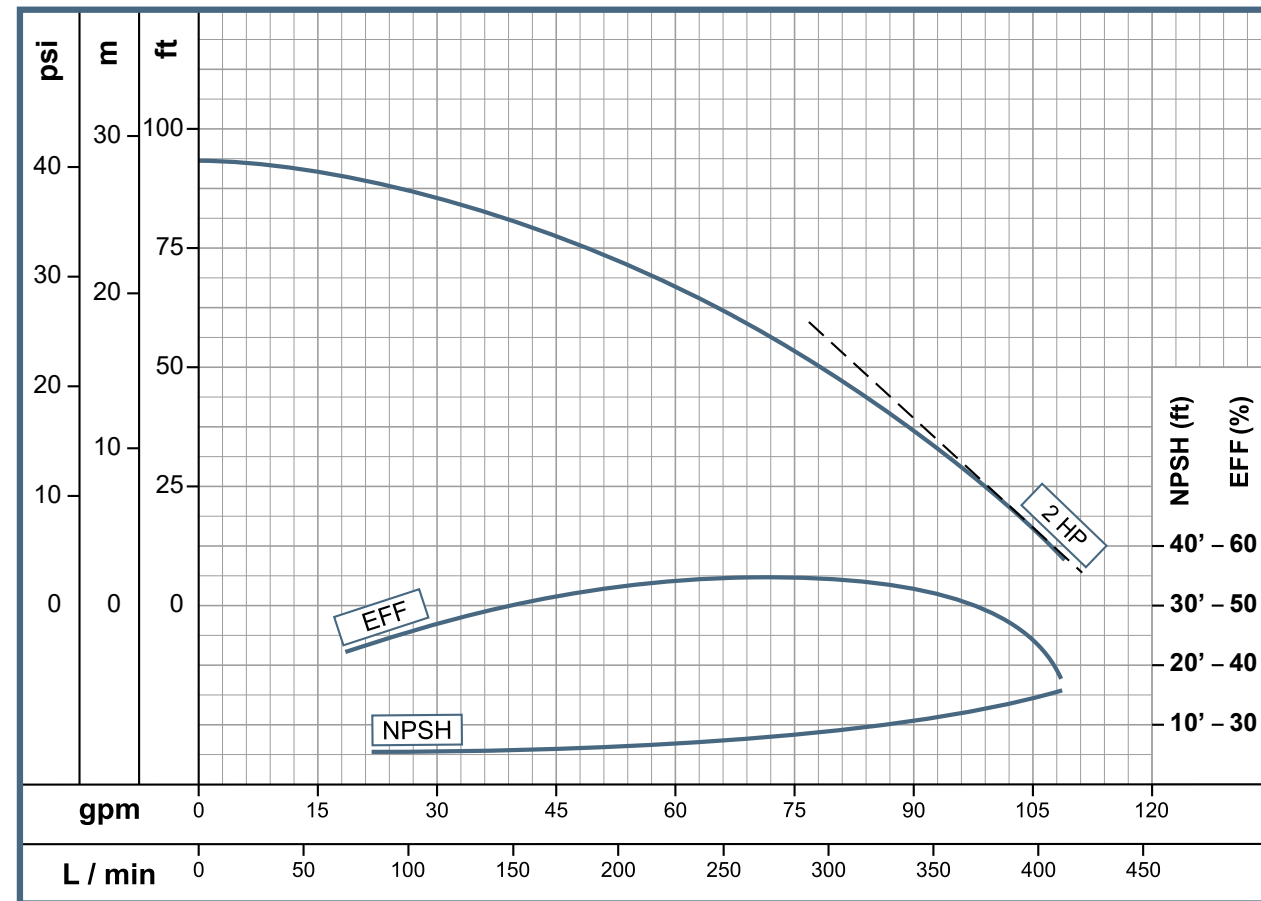
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	1 1/4" T12	70° C	3/8"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 1.5 20	1D0500	1 1/2" NPT	1 1/2" NPT	4.875"

Motor Characteristics				
Motor		Speed (rpm)	Frequency (Hz)	
Electric		3.600 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
2	3	220/440	TEFC	NEMA 145JM

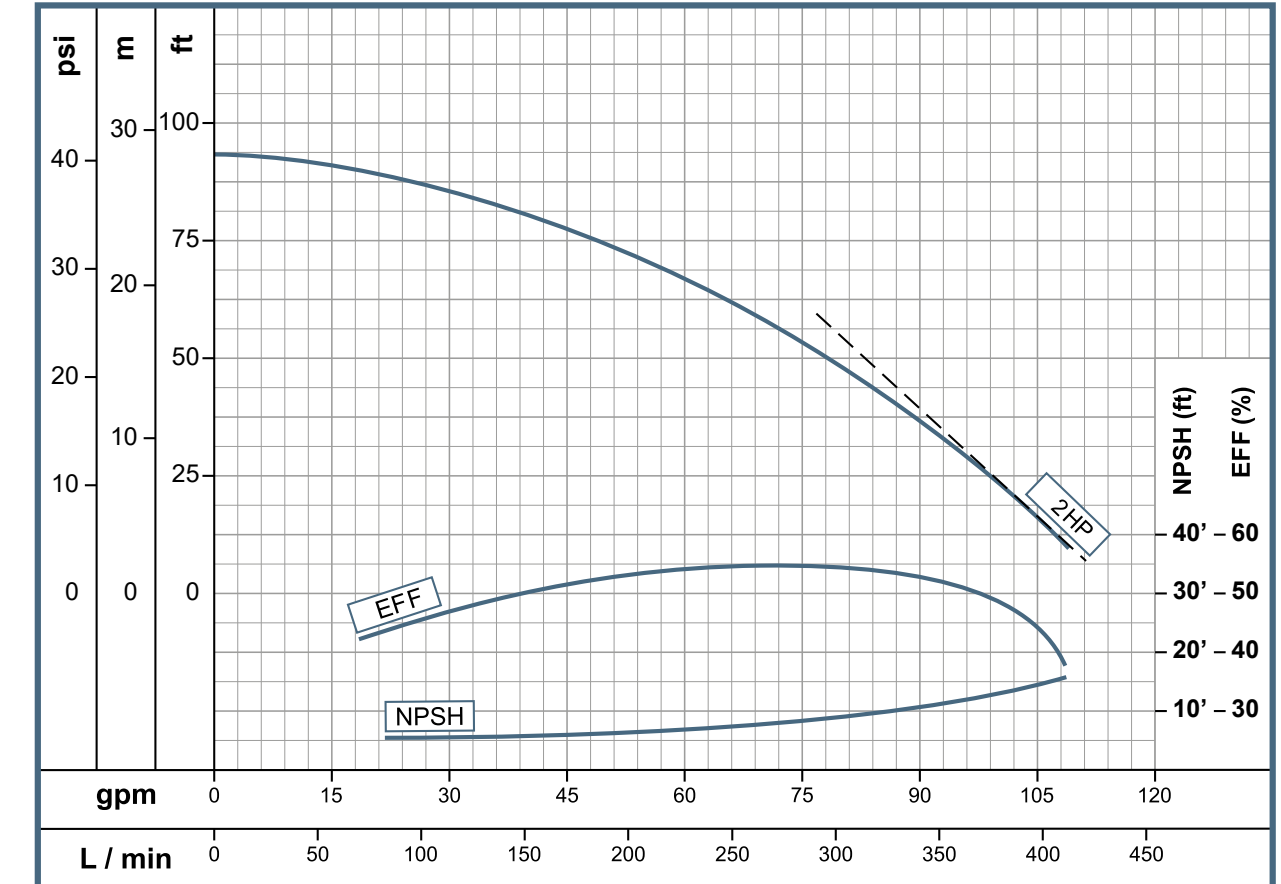
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	5/8" T6	70° C	1/2"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 2 20-1	1D0087	2" NPT	2" NPT	4.650"

Motor Characteristics				
Motor		Speed (rpm)	Frequency (Hz)	
Electric		3.600 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
2	1	110/220	ODP	NEMA 56J

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AE 2 30-1



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AE 2 30

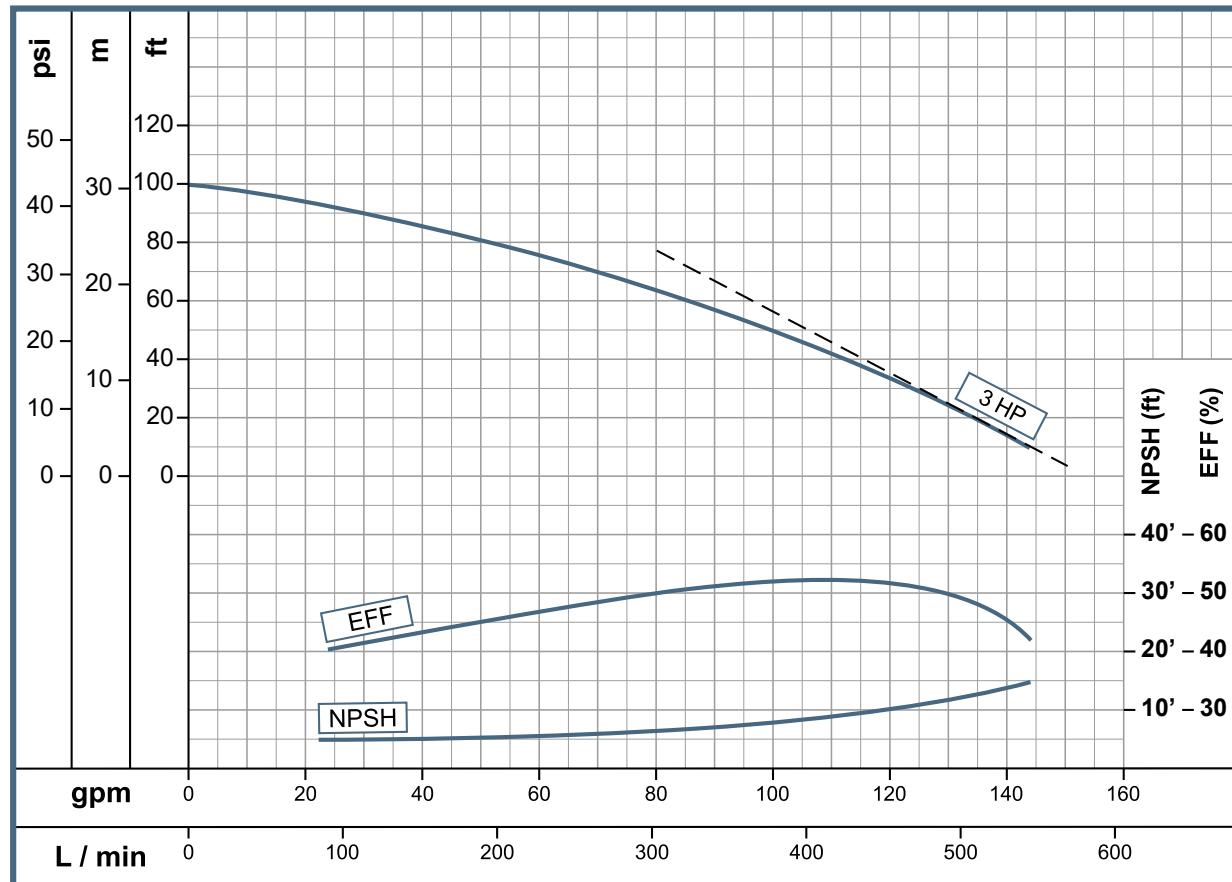
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	5/8" T6	70° C	3/8"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 2 30-1	1D0033	2" NPT	2" NPT	4.875"

Motor Characteristics				
Motor		Speed (rpm)	Frequency (Hz)	
Electrico		3.600 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
3	1	220	ODP	NEMA 56J

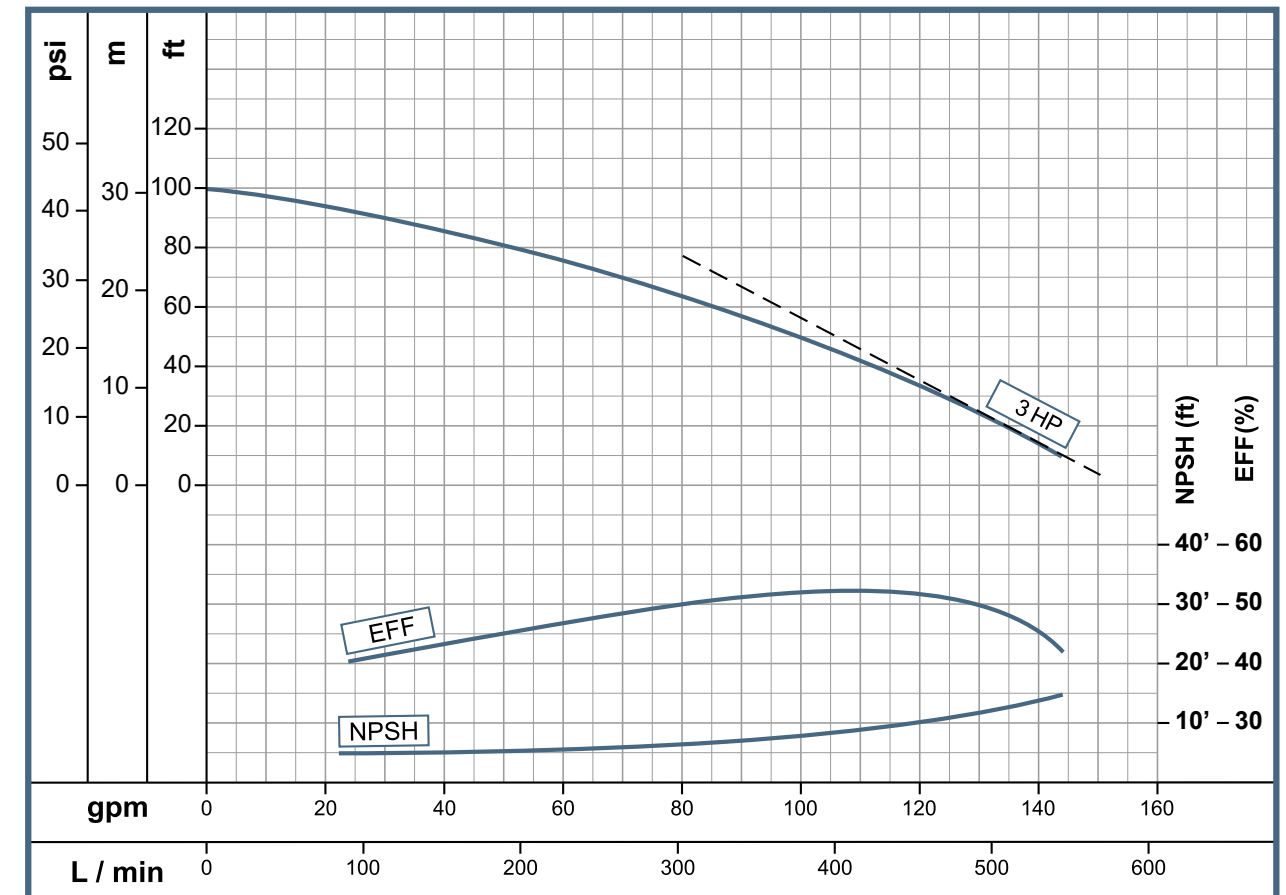
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	1 1/4" T01	70° C	1/2"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 2 30	1D0501	2" NPT	2" NPT	4.875"

Motor Characteristics				
Motor		Speed (rpm)	Frequency (Hz)	
Electric		3.600 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
3	3	220/440	TEFC	NEMA 145JM

Performance Curve



Performance Curve





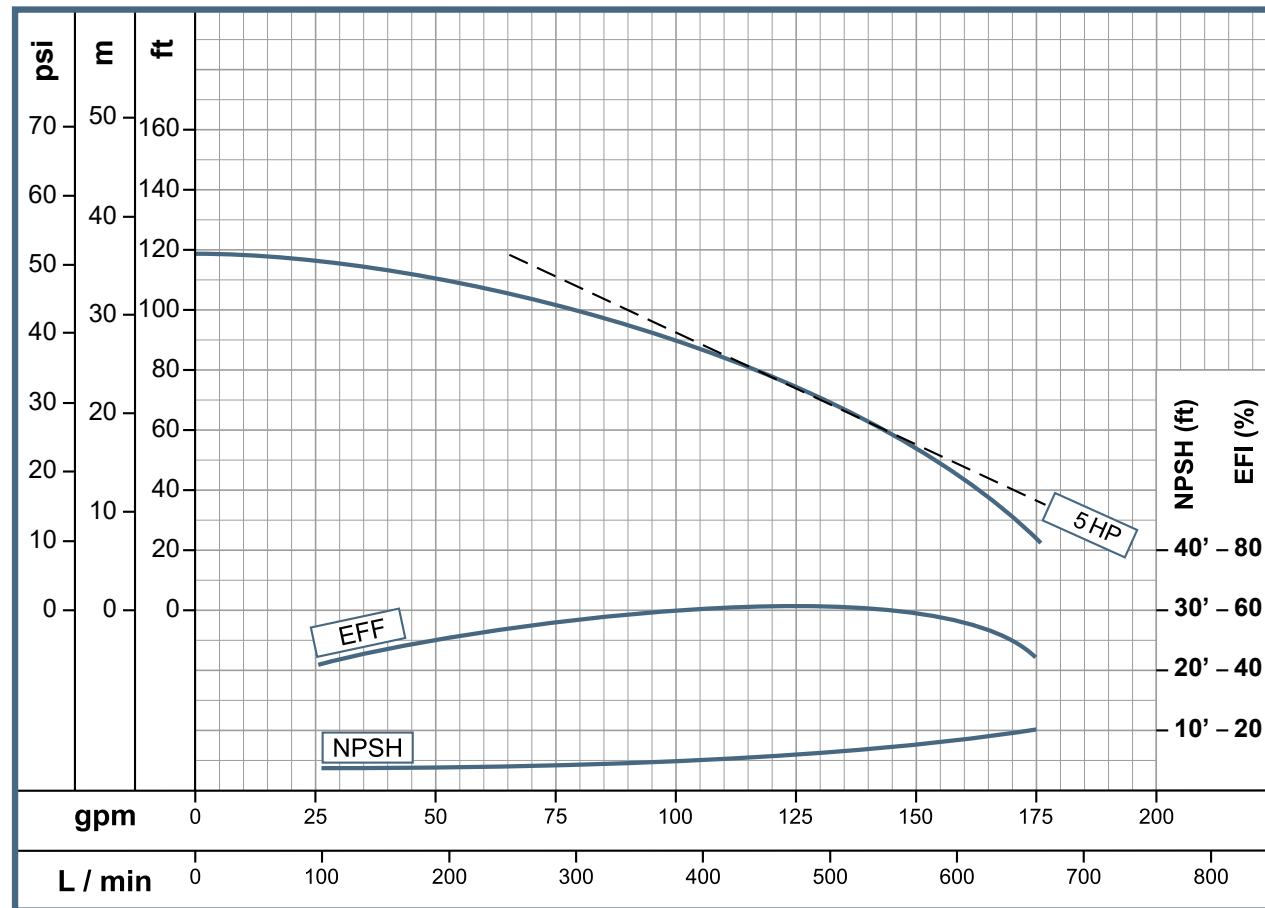
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	1 1/4" T01	70° C	7/16"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 2 50	1D0502	2" NPT	2" NPT	5.500"

Motor Characteristics				
Motor		Speed (rpm)	Frequency (Hz)	
Electric		3,600 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
5	3	220/440	TEFC	NEMA 184JM

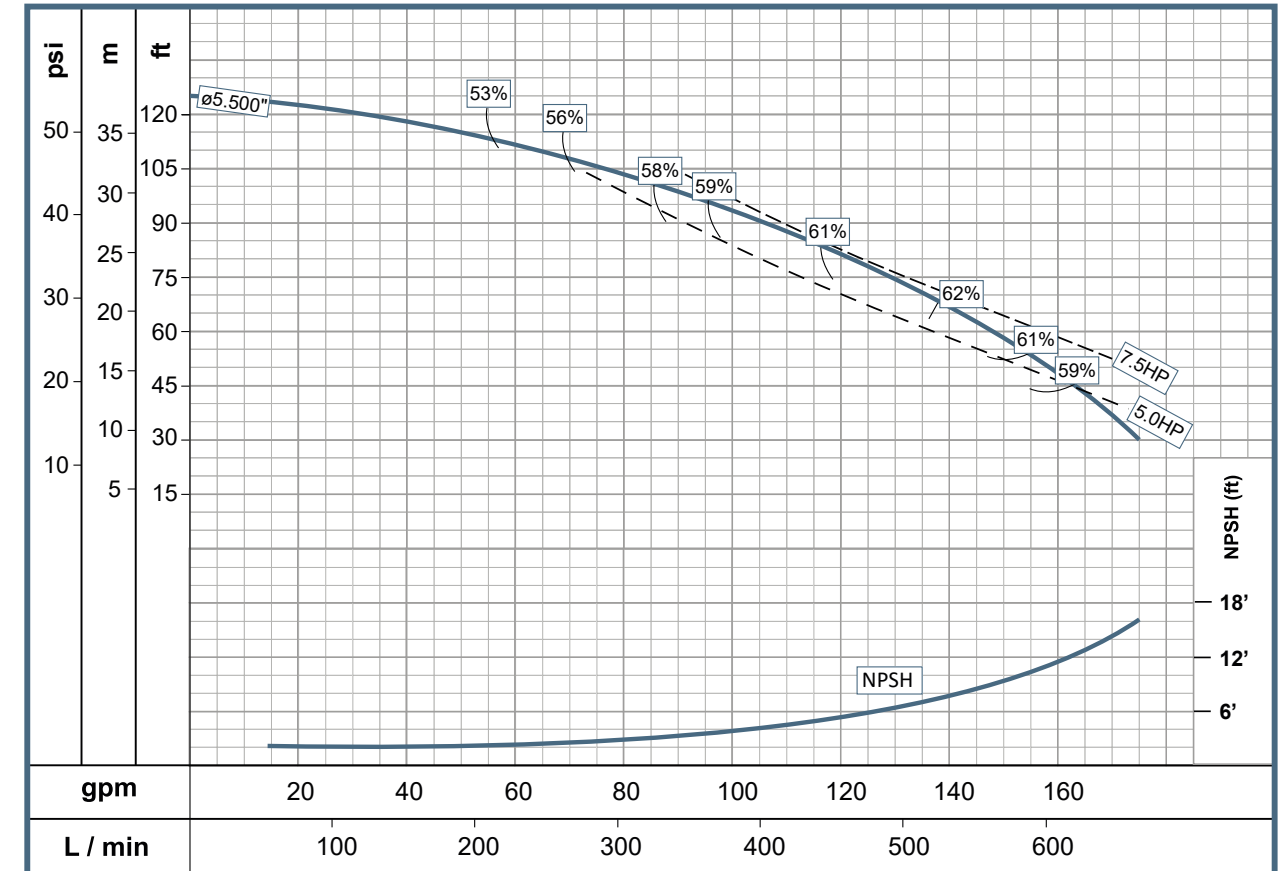
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	1 1/4" T01	70° C	1/2"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 2 75	1D0383	2" NPT	2" NPT	5.500"

Motor Characteristics				
Motor		Speed (rpm)	Frequency (Hz)	
Electric		3,600 (nominal)	60	
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
7.5	3	220/440	TEFC	NEMA 184JM

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AE 3 50



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AE 3 75

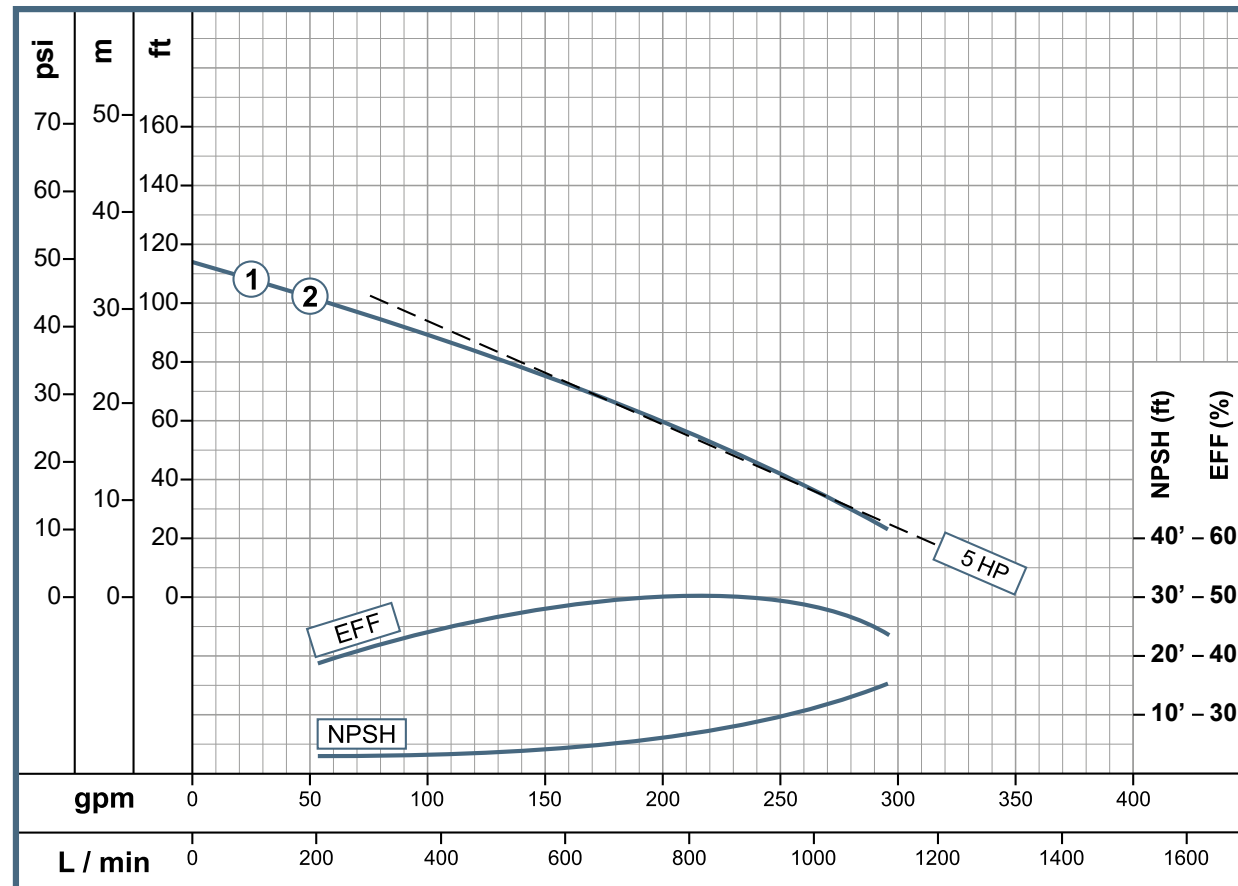
Pump Characteristics					
Pump Type	Design		Impeller		
Final Suction	Monoblock		Semi-open (ISO G6.3)		
Stages	Mechanical Seal		Fluid Temperature	Ø Solids Handling	
1	1 1/4" T01		70° C	11/16"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller	
1	AE 3 50-1	1D0419	3" NPT	3" NPT	5.500"
2	AE 3 50	1D0385	3" NPT	3" NPT	5.500"

Motor Characteristics				
Motor	Speed (rpm)		Frequency (Hz)	
Electric	3.600 (nominal)		60	
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
5	1	220	ODP	NEMA 184JM
5	3	220/440	TEFC	NEMA 184JM

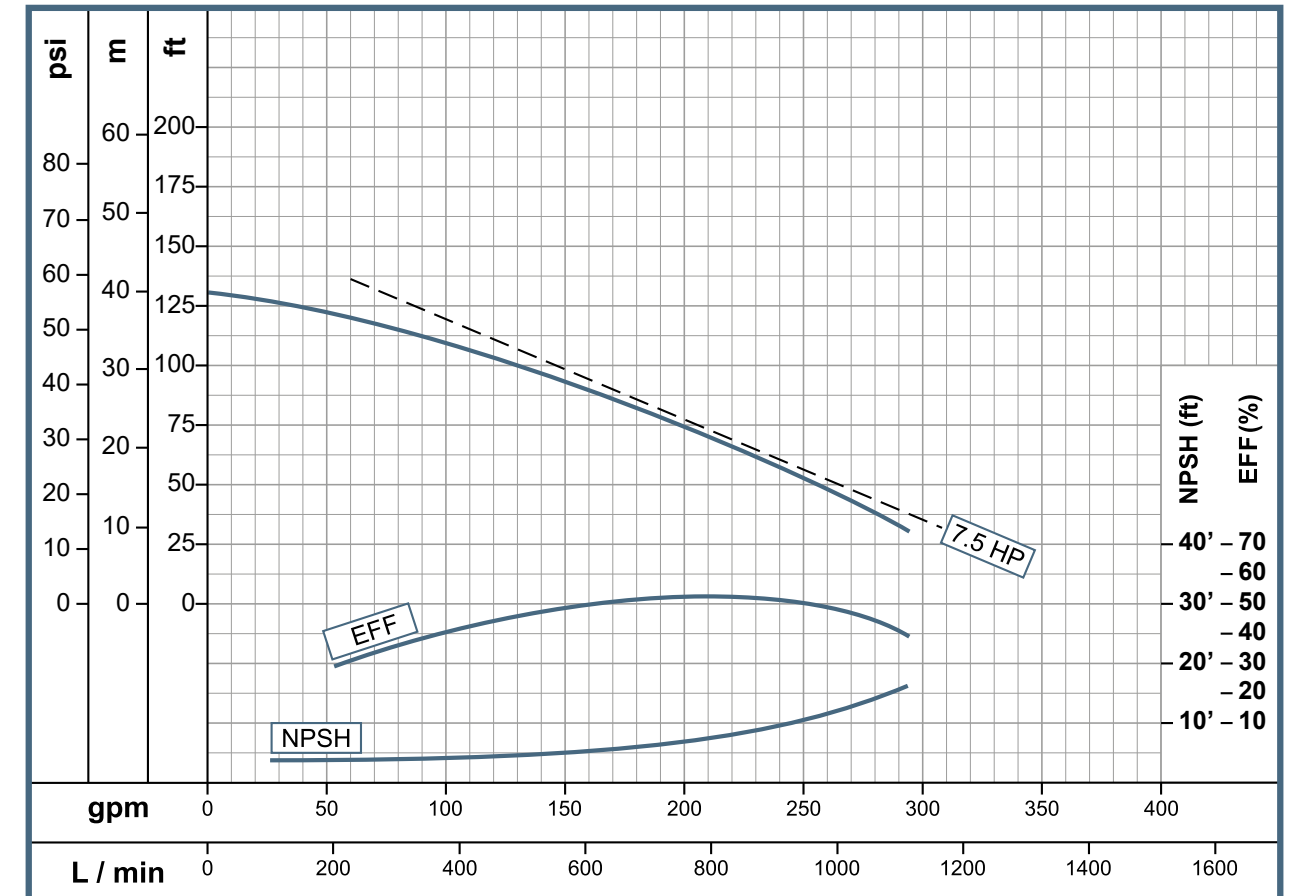
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal		Fluid Temperature	Ø Solids Handling
1	1 1/4" T01		70° C	5/8"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 3 75	1D0505	3" NPT	3" NPT	6.000"

Motor Characteristics				
Motor	Speed (rpm)		Frequency (Hz)	
Electric	3.600 (nominal)		60	
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
7.5	3	220/440	TEFC	NEMA 184JM

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AE 4 100
AE 4 150



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AE 6B 100-1
AE 6B 100
AE 6B 150

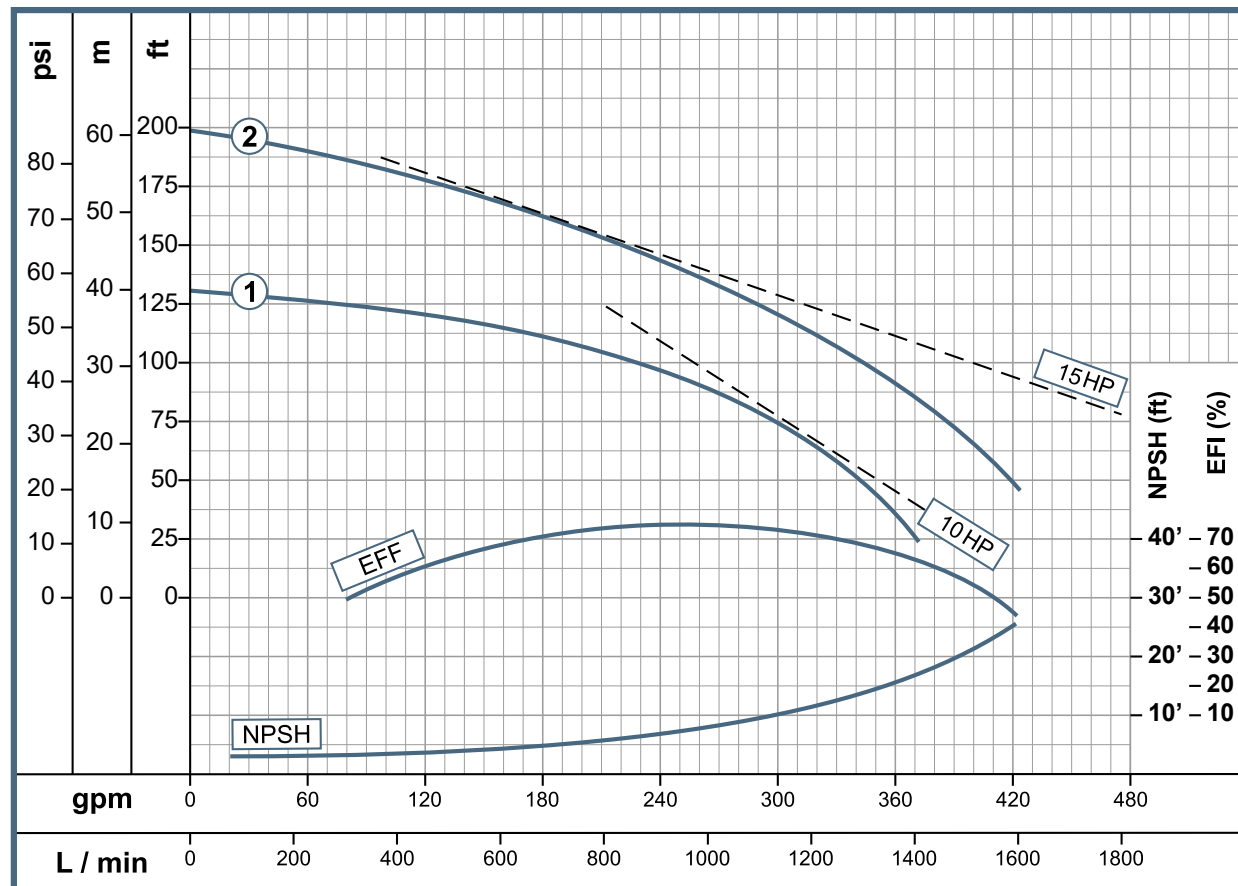
Pump Characteristics					
Pump Type	Design		Impeller		
Final Suction	Monoblock		Semi-open (ISO G6.3)		
Stages	Mechanical Seal		Fluid Temperature	Ø Solids Handling	
1	1 1/4" T01		70° C	11/16"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller	
1	AE 4 100	1D0506	4" NPT	4" NPT	6.000"
2	AE 4 150	1D0507	4" NPT	4" NPT	7.000"

Motor Characteristics				
Motor	Speed (rpm)	Frequency (Hz)		
Electric	3.600 (nominal)	60		
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
10	3	220/440	TEFC	NEMA 215JM
15	3	220/440	TEFC	NEMA 215JM

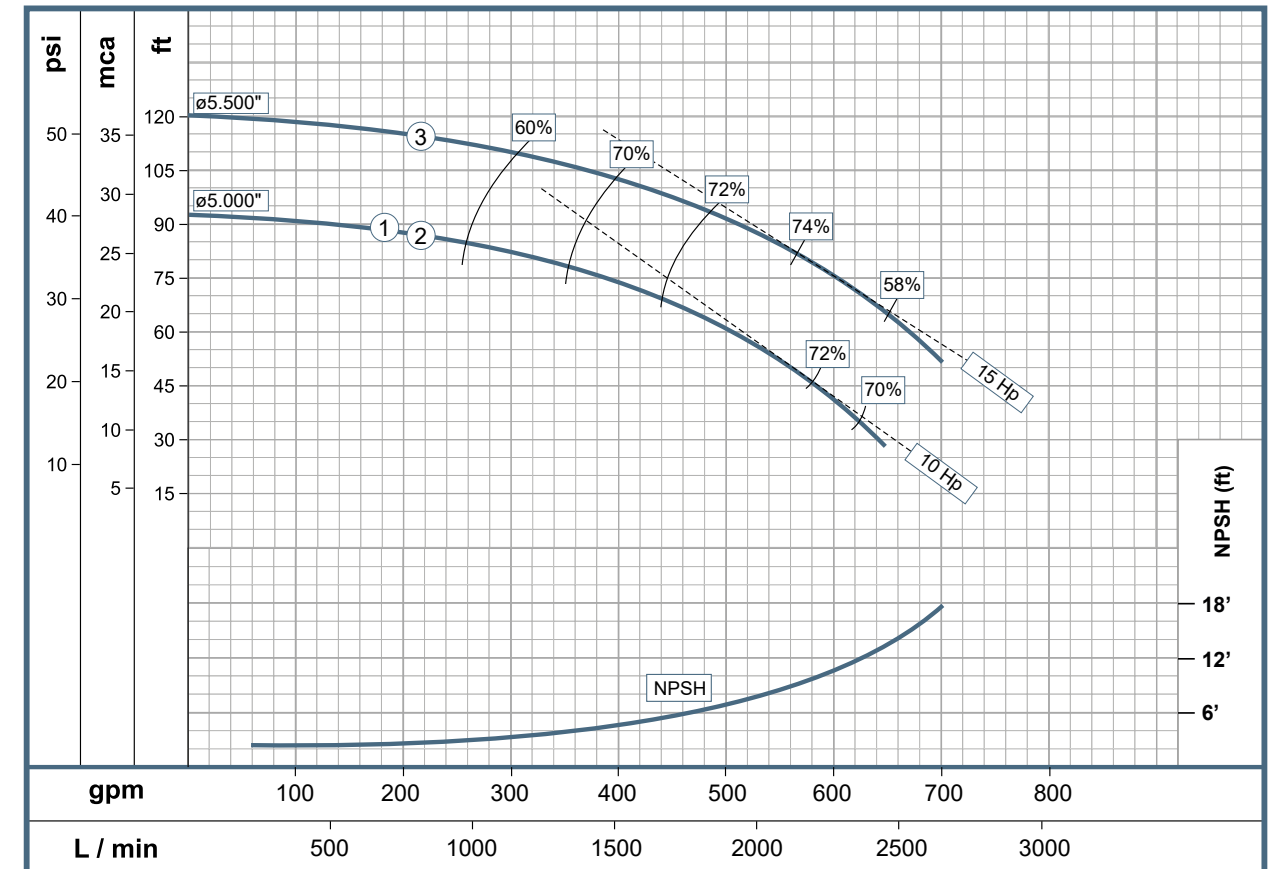
Pump Characteristics					
Pump Type	Design		Impeller		
Final Suction	Monoblock		Semi-open (ISO G6.3)		
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handling	
1	1 1/4" T21		70° C	41/64"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller	
1	AE 6B 100-1	1D0549	6" NPT	6" NPT	5.000"
2	AE 6B 100	1D0550	6" NPT	6" NPT	5.000"
3	AE 6B 150	1D0551	6" NPT	6" NPT	5.500"

Motor Characteristics				
Motor	Speed (rpm)	Frequency (Hz)		
Electric	3.600 (nominal)	60		
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
10	1	220	ODP	NEMA 256JM
10	3	220/440	TEFC	NEMA 256JM
15	3	220/440	TEFC	NEMA 256JM

Performance Curve



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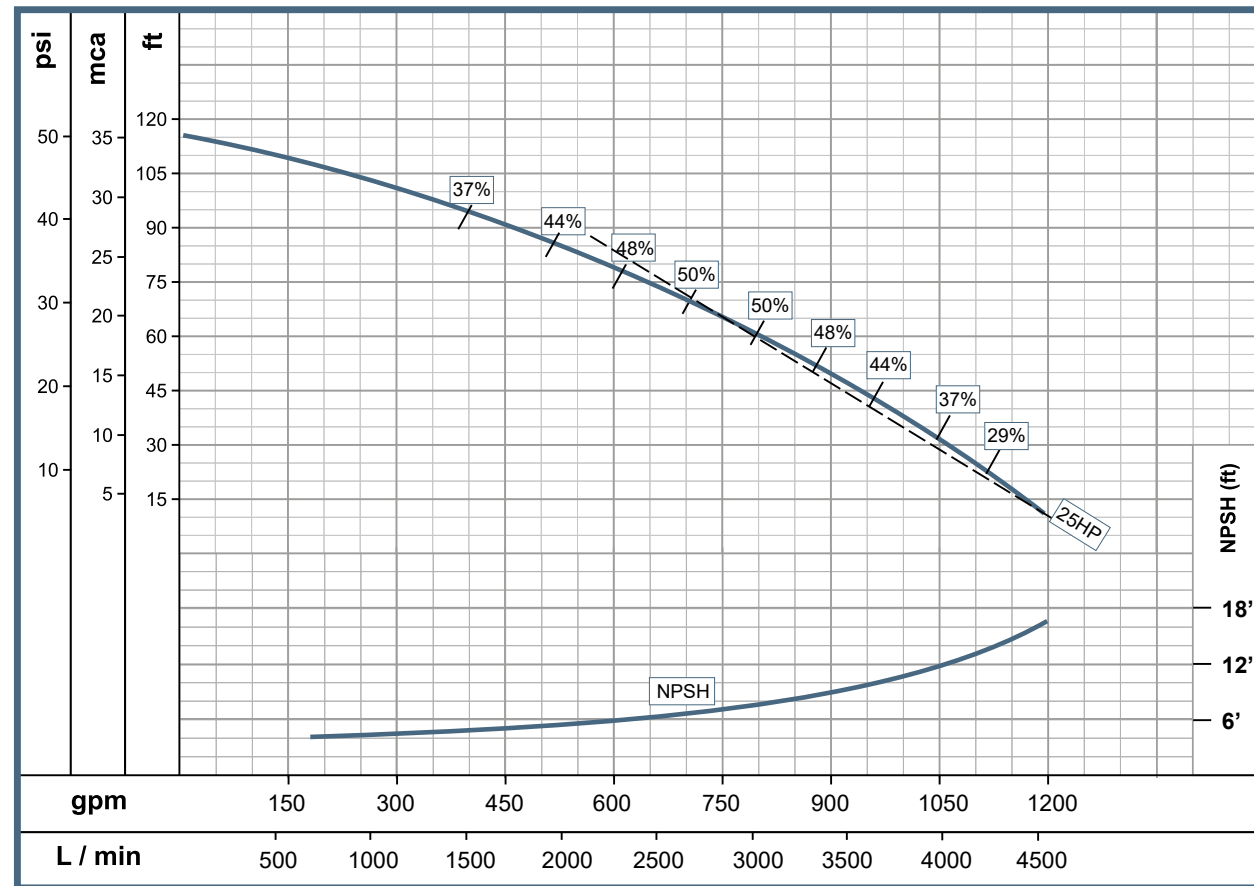


Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Monoblock		Semi-open (ISO G6.3)	
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handling
1	1 1/2" T21		70° C	1 1/4"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AE 6R 250	1D0511	6" NPT	6" NPT	6.000"

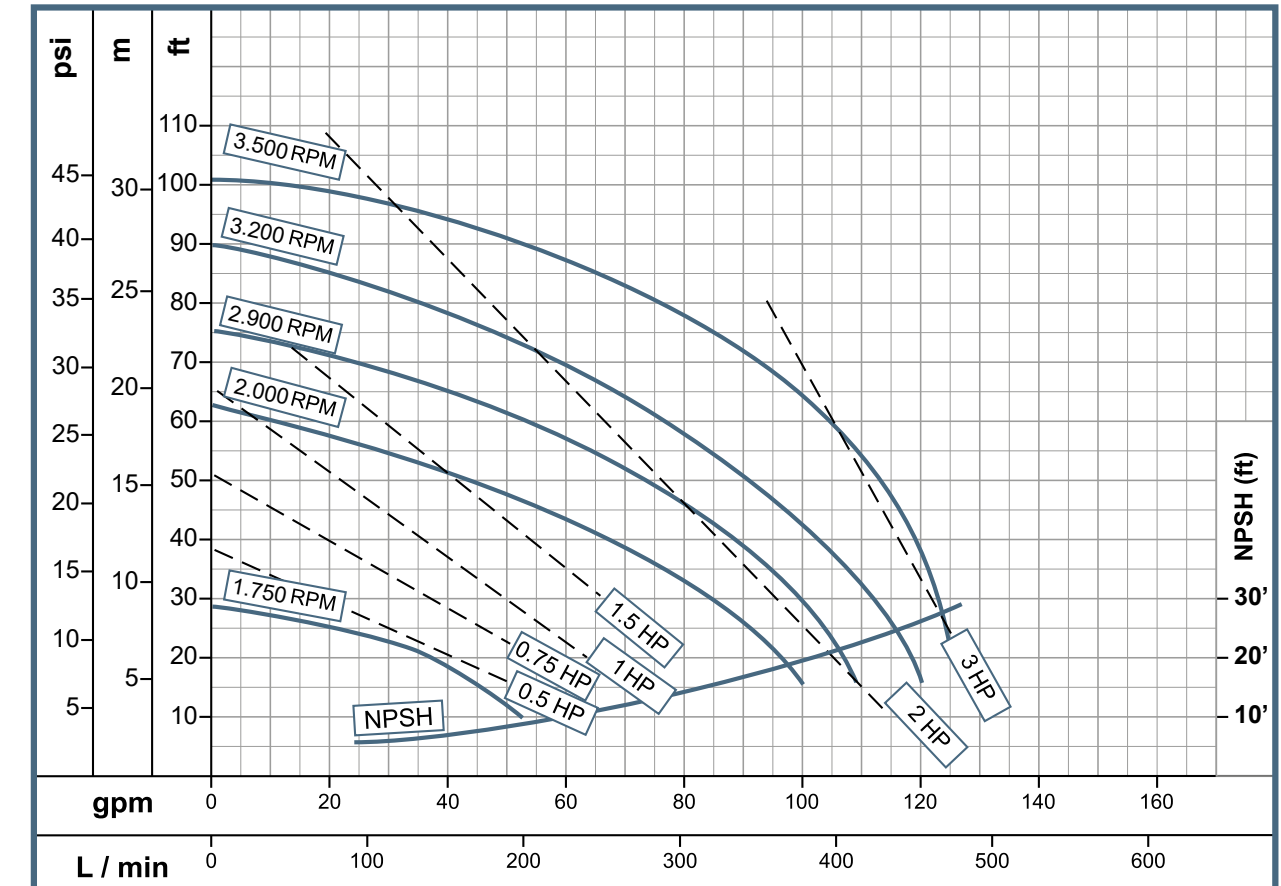
Motor Characteristics				
Motor	Speed (rpm)	Frequency (Hz)		
Electric	3.600 (nominal)	60		
Power (hp)	Phases	Voltage (V)	Enclosure	Frame
25	3	220/440	TEFC	NEMA 256JM

Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Semi-open (ISO G6.3)	
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handling
1	1 1/4" T01		70° C	3/8"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AU 1.5	1D0017	1 1/2" NPT	1 1/2" NPT	4.875"

Performance Curve



Performance Curve

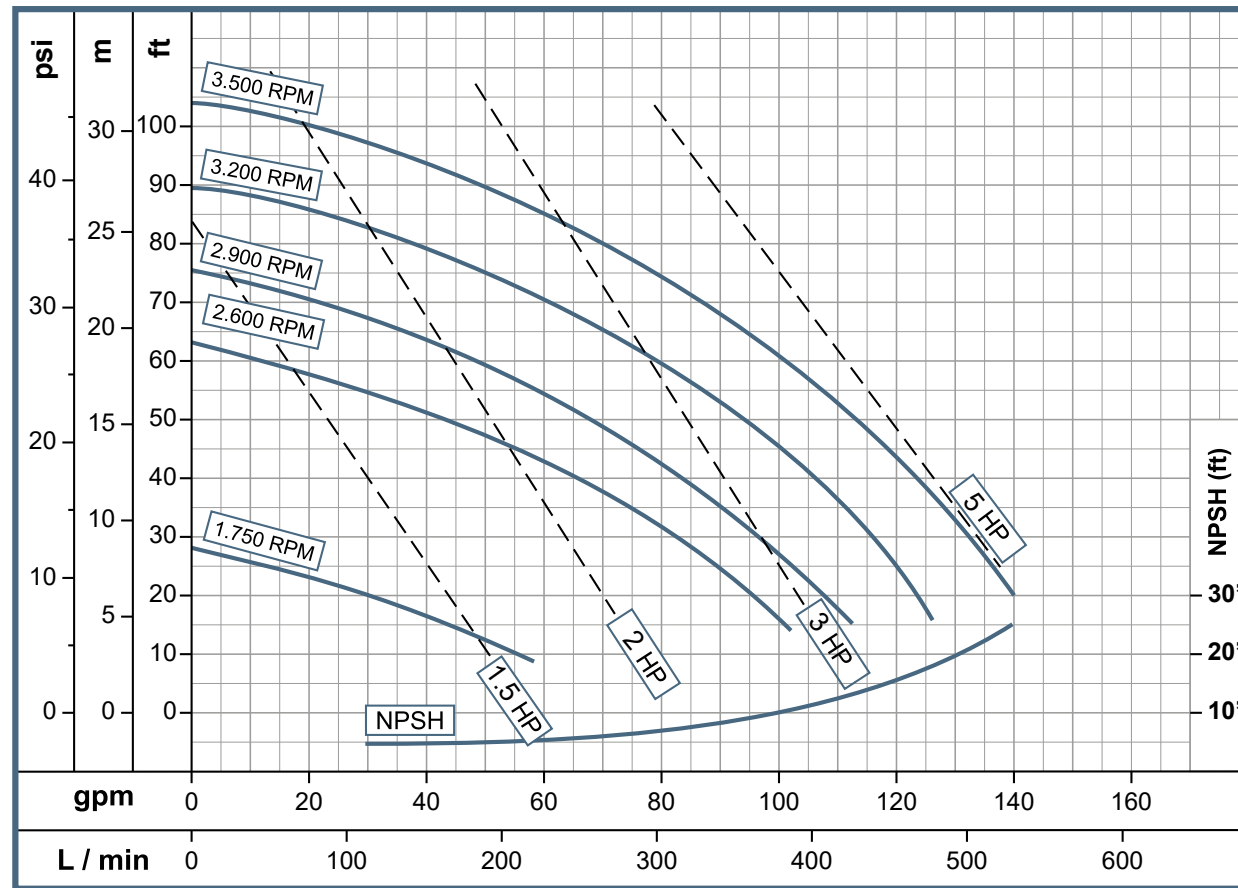




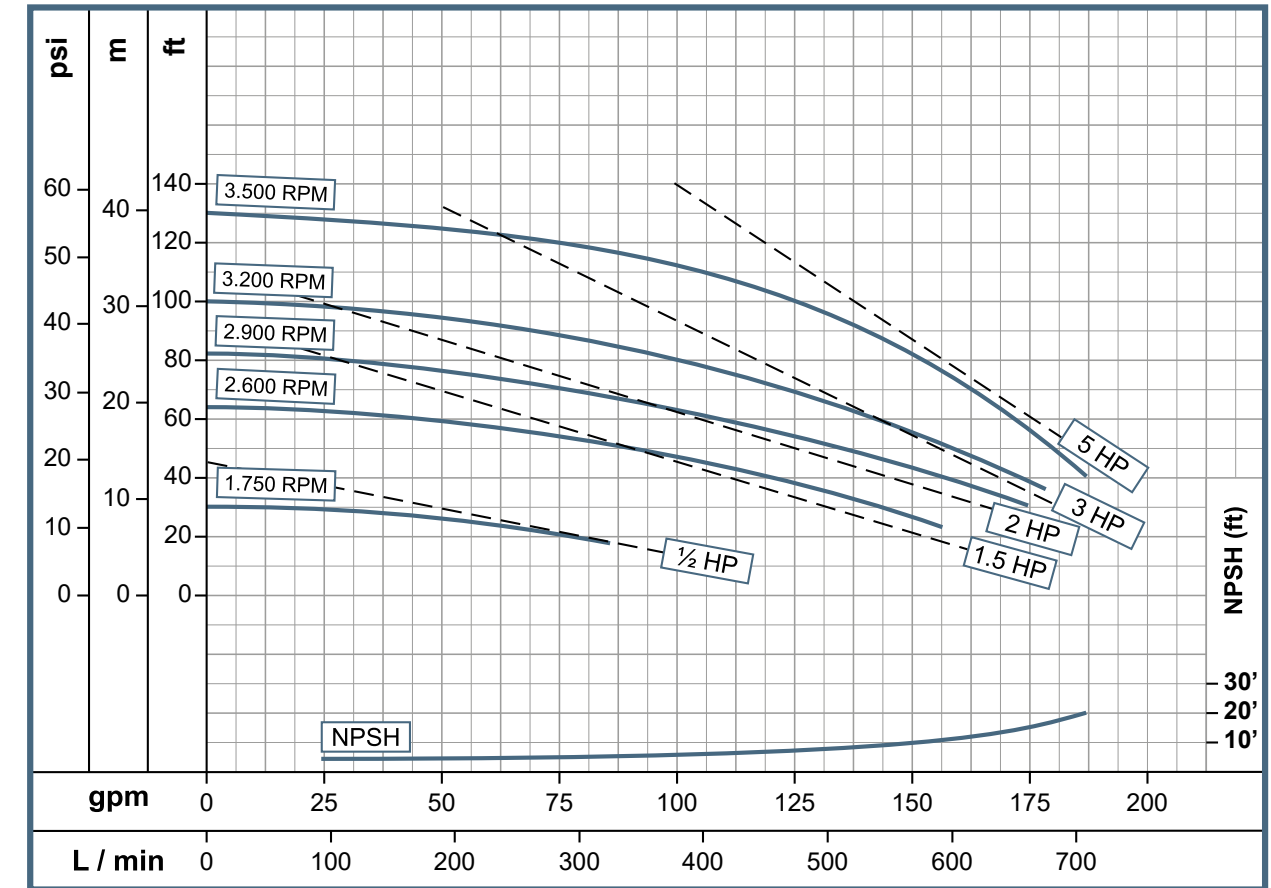
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Semi-open (ISO G6.3)	
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handling
1	1 1/4" T01		70° C	7/16"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AU 2M	1D0018	2" NPT	2" NPT	4.875"

Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Semi-open (ISO G6.3)	
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handling
1	1 1/4" T01		70° C	7/16"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AU 2N	1D0019	2" NPT	2" NPT	5.500"

Performance Curve



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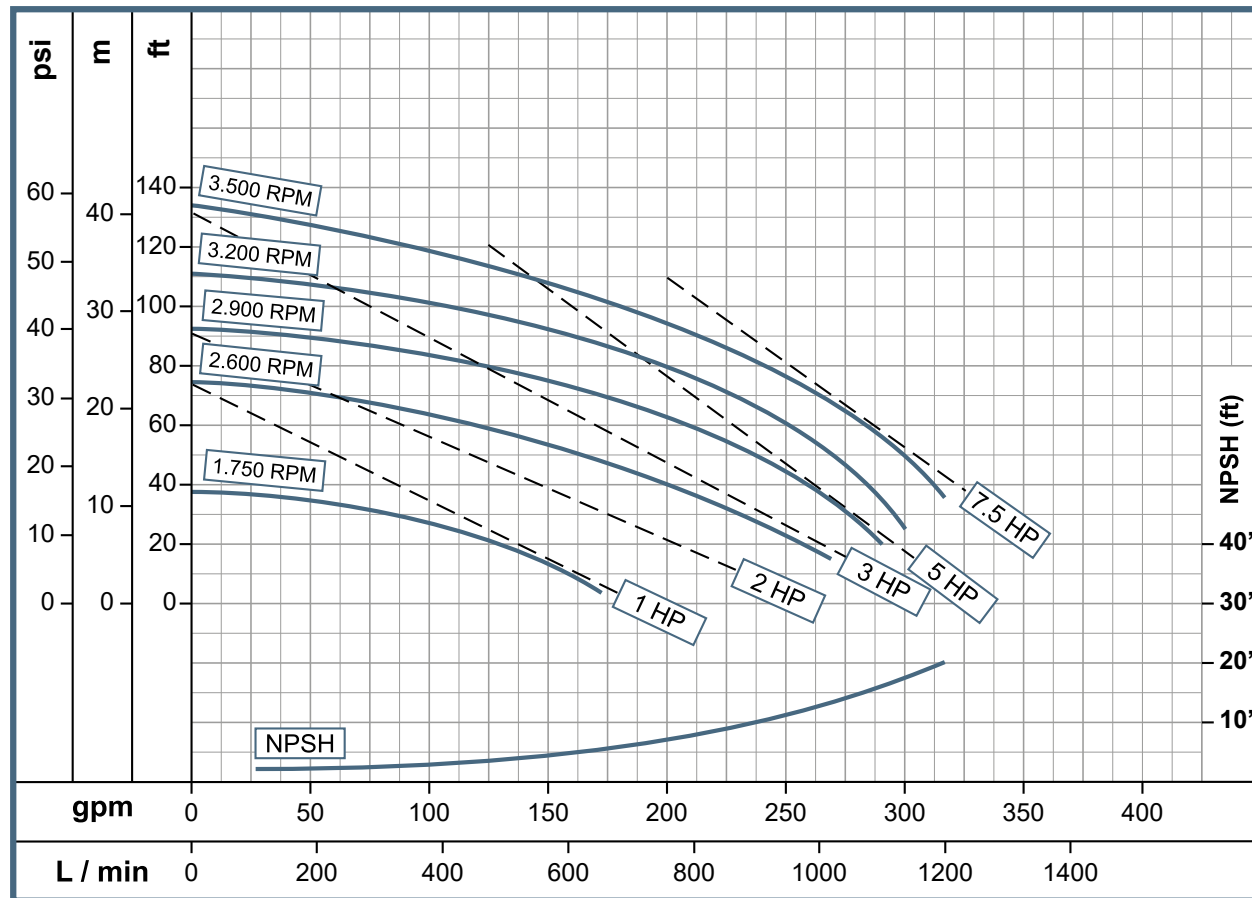
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluid Temperature	Ø Solids Handling	
1	1 1/4" T01	70°	3/4"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AU 3	1D0021	3" NPT	3" NPT	6.000"



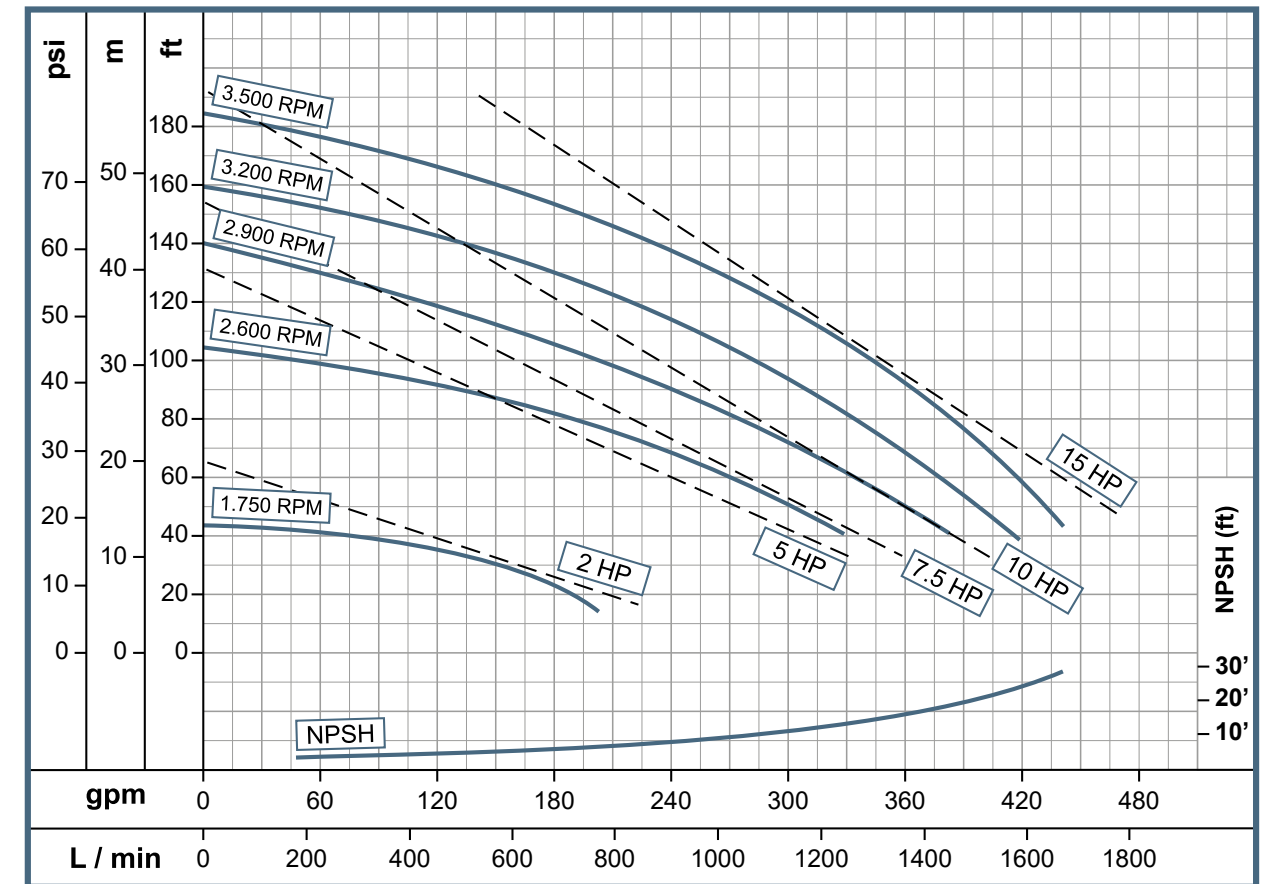
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Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Semi-open (ISO G6.3)	
Stages	Mechanical Seal	Fluids Temperature	Ø Solids Handling	
1	1 1/4" T01	70° C	11/16"	
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AU 4	1D0022	4" NPT	4" NPT	7.000"

Performance Curve



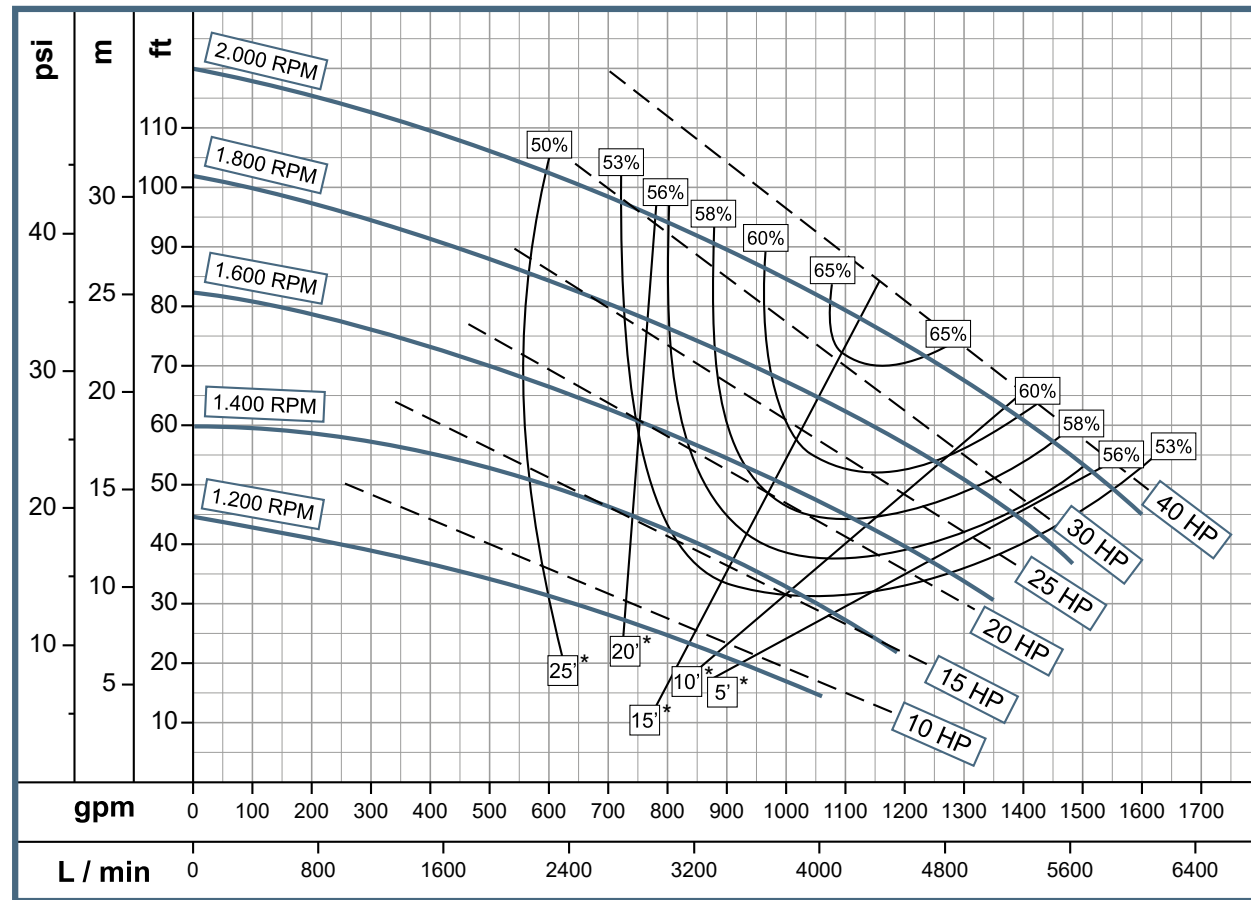
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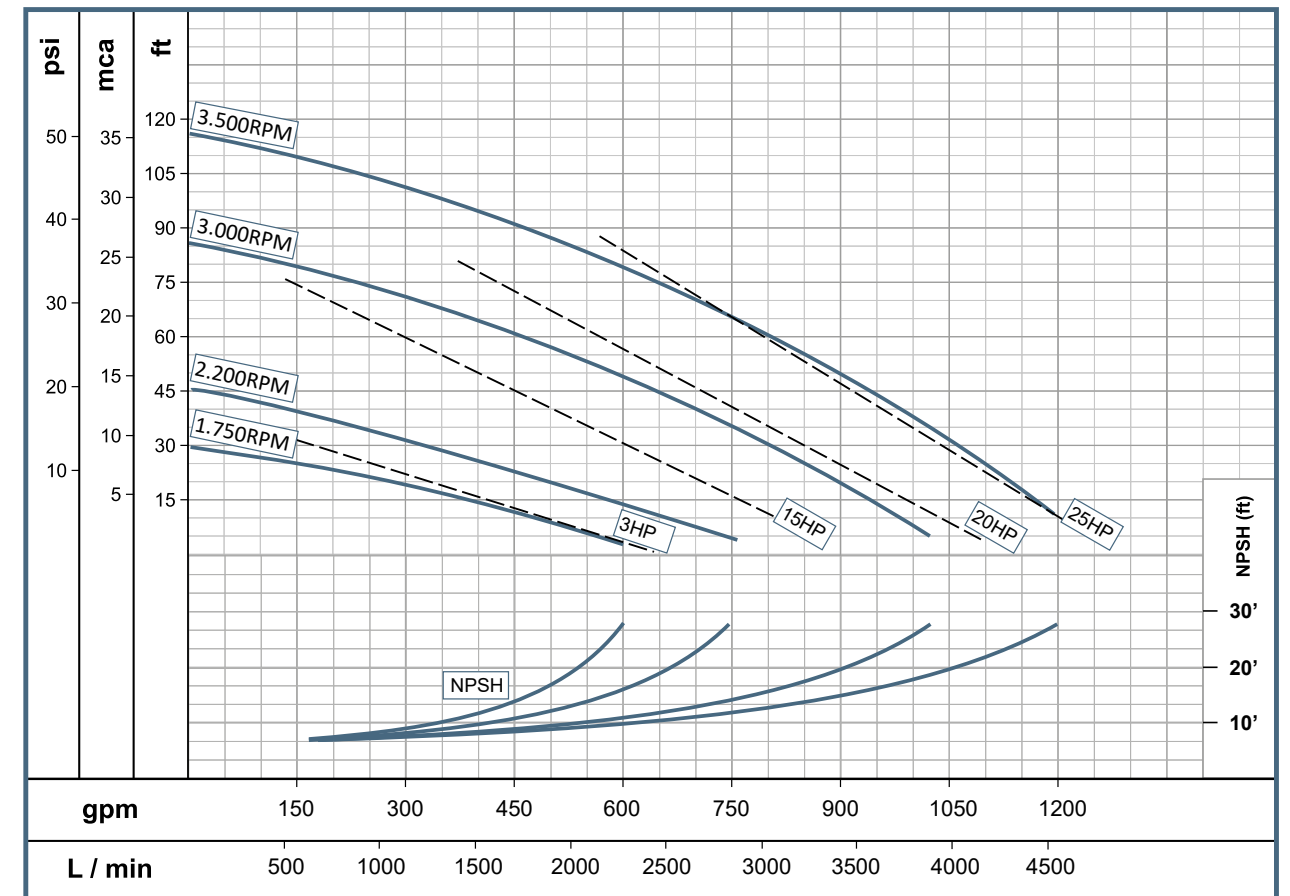
Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Semi-open (ISO G6.3)	
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handling
1	1 1/2" T21		70° C	1 5/8"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AU 6	1D0023	6" NPT	6" NPT	10.375"

Performance Curve



Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Closed (ISO G6.3)	
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handlings
1	1 3/4" T21		70° C	1 1/4"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AU 6R	1D0513	6" NPT	6" NPT	6.000"

Performance Curve



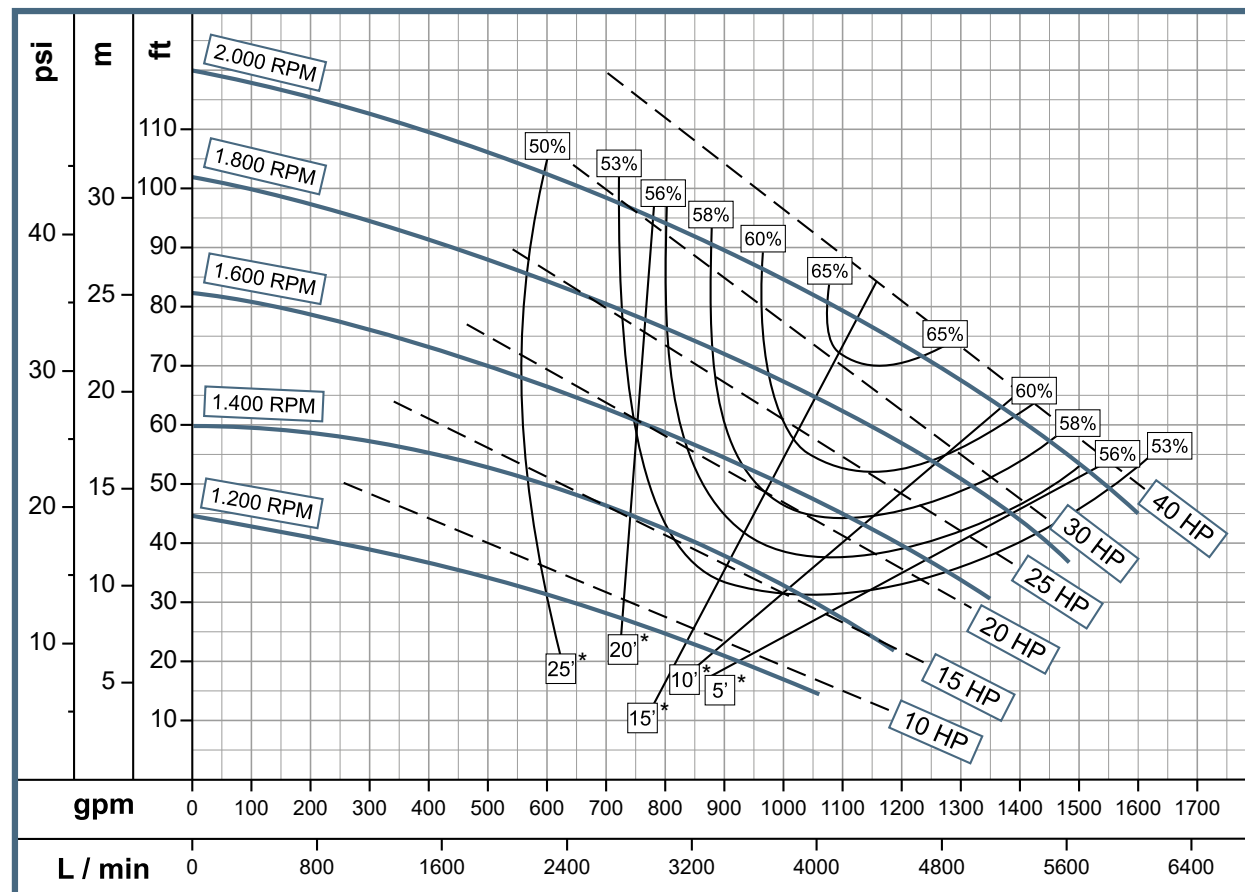


Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Semi-open (ISO G6.3)	
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handling
1	1 1/2" T21		70° C	1 5/8"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
AU 8	1D0125	8" NPT	8" NPT	10.375"

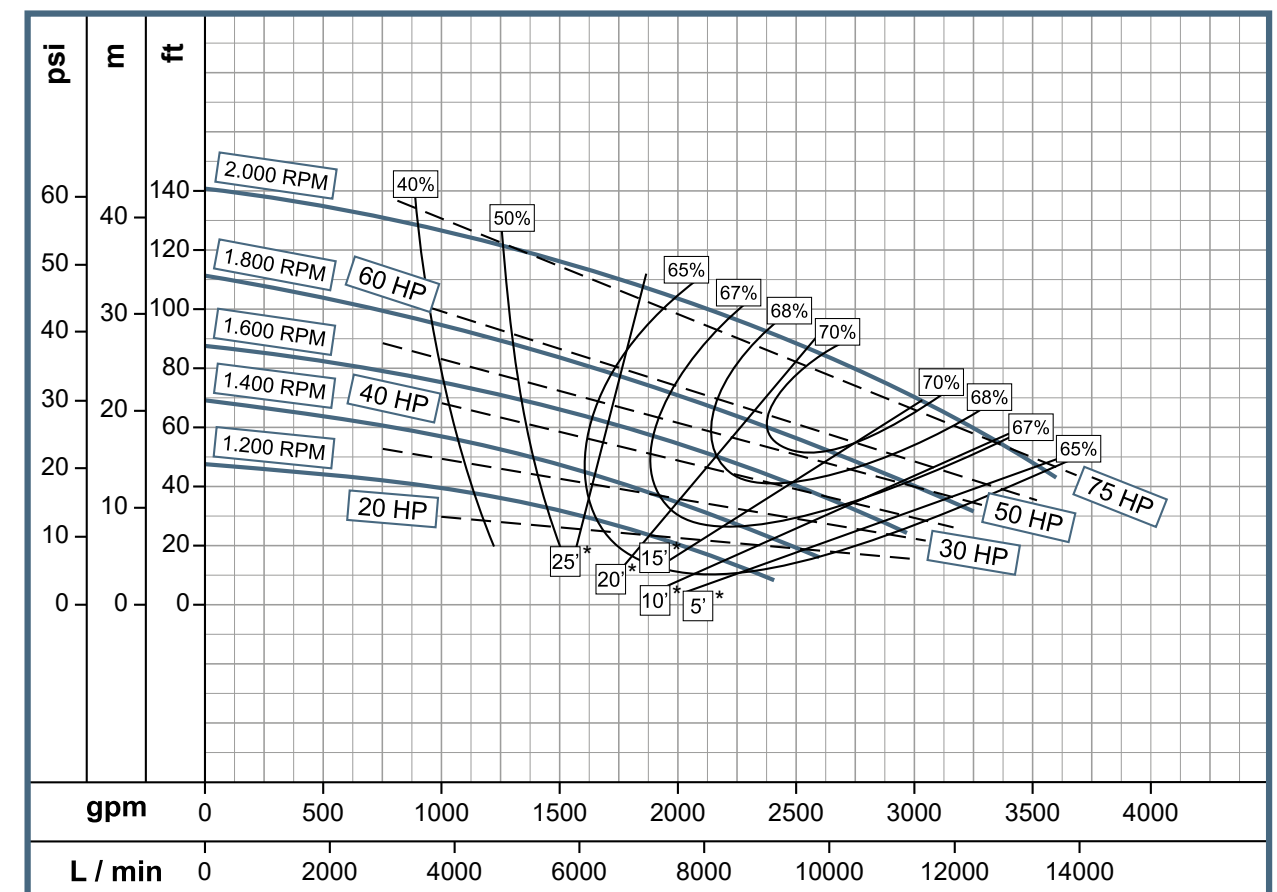


Pump Characteristics				
Pump Type	Design		Impeller	
Final Suction	Universal		Semiabierto (ISO G6.3)	
Stages	Mechanical Seal		Fluids Temperature	Ø Solids Handling
1	2 1/8" T21		70° C	2.5"
Model	Ref	Ø Suction	Ø Discharge	Ø Impeller
1	AU 10	10" NPT	10" NPT	11.937"

Performance Curve



Performance Curve



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