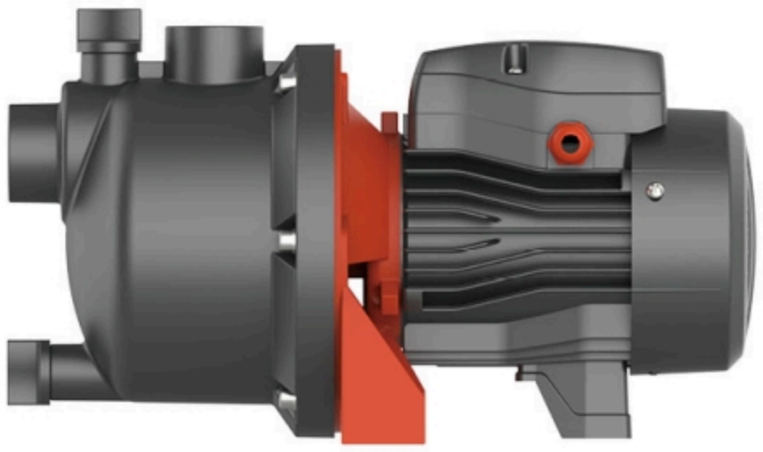
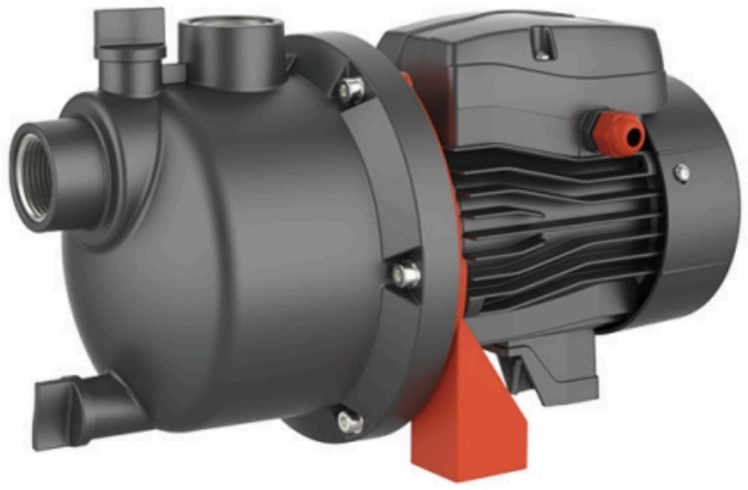
AJm
Jet Pump





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

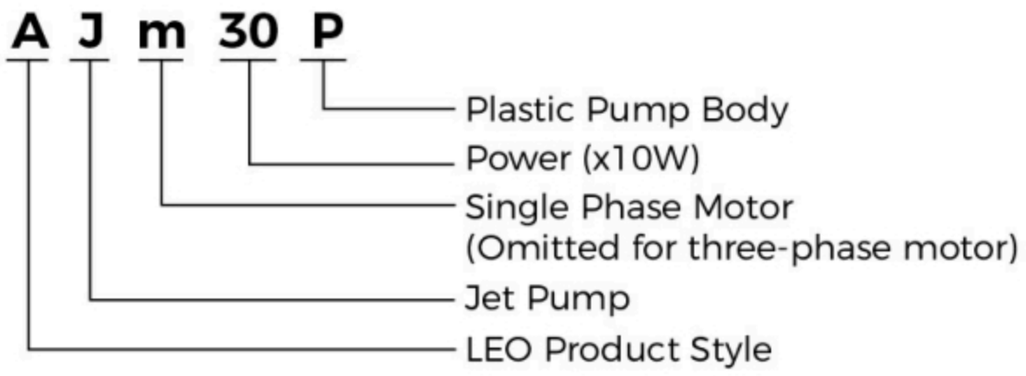
Pump

- Plastic pump body
- Support under special anti-rust treatment
- Plastic impeller
- AISI 304 shaft
- Max. liquid temperature: +60℃
- Max. suction: +9 m

Motor

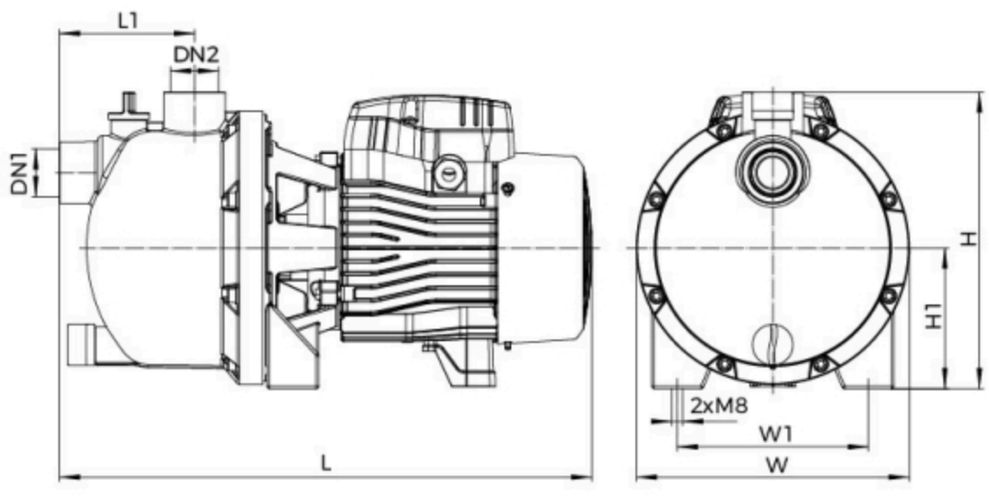
- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50℃

Identification Codes



Technical Data

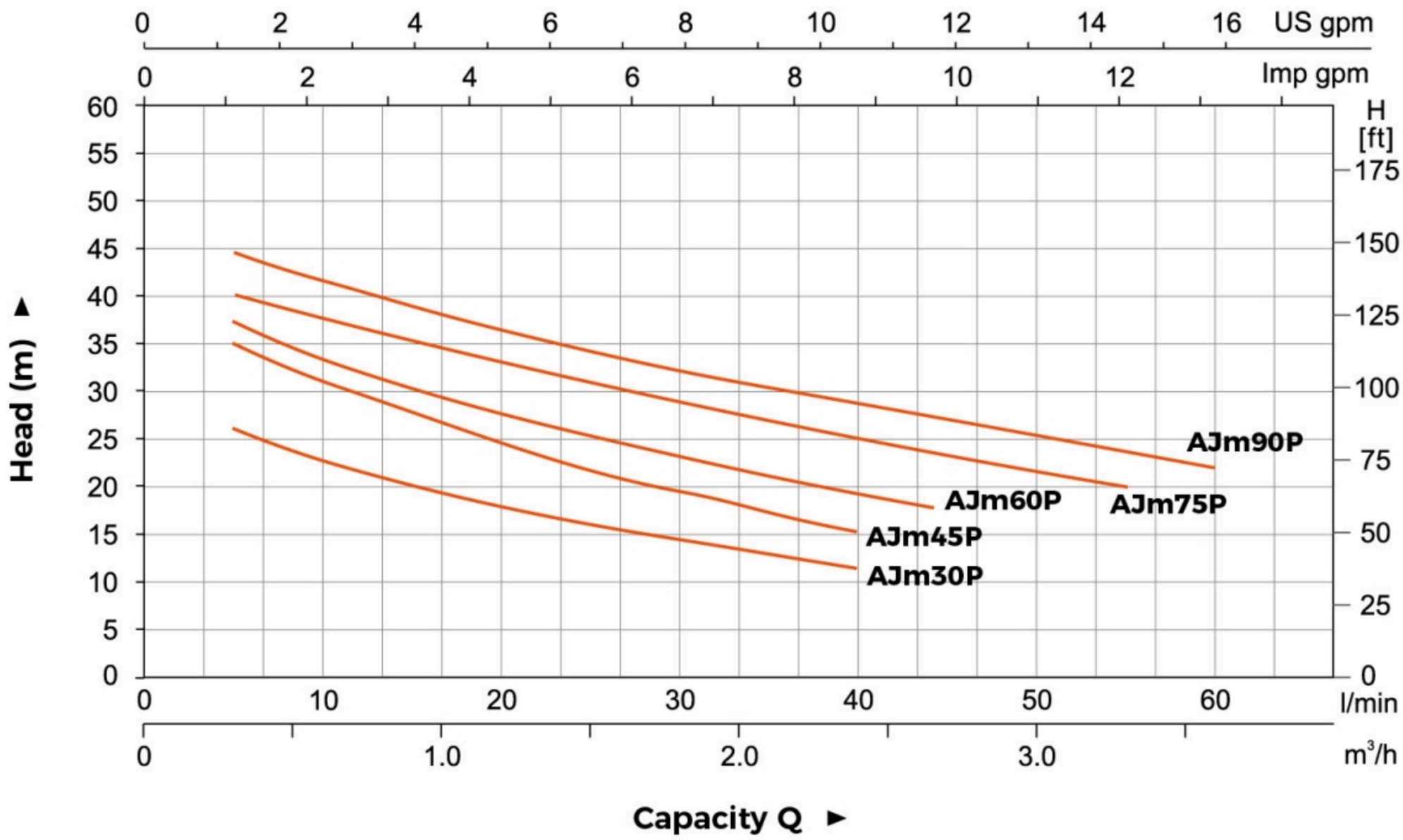
Model	Power		Q(m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.0	3.3	3.6
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	47	50	55	60
AJm30P	0.3	0.4	H (m)	30	26	23	20	18	16.5	15	13	11	-	-	-	-
AJm45P	0.45	0.6		38	35	31	27	25	22	20	19	16	-	-	-	-
AJm60P	0.6	0.8		42	37	33	30	27	25	23	21	20	18	-	-	-
AJm75P	0.75	1.0		47	40	38	36	34	32	30	28	27	25	23	20	-
AJm90P	0.9	1.2		48	44	42	39	37	35	34	32	31	29	28	26	22



Dimension

Model	DN1	DN2	L (mm)	L1 (mm)	W (mm)	W1 (mm)	H (mm)	H2 (mm)
AJm30P	G1	G1	343	94	180	140	198	92
AJm45P			343	94	180	140	198	92
AJm60P			390	99	200	140	217	103
AJm75P			390	99	200	140	217	103
AJm90P			390	99	200	140	217	103

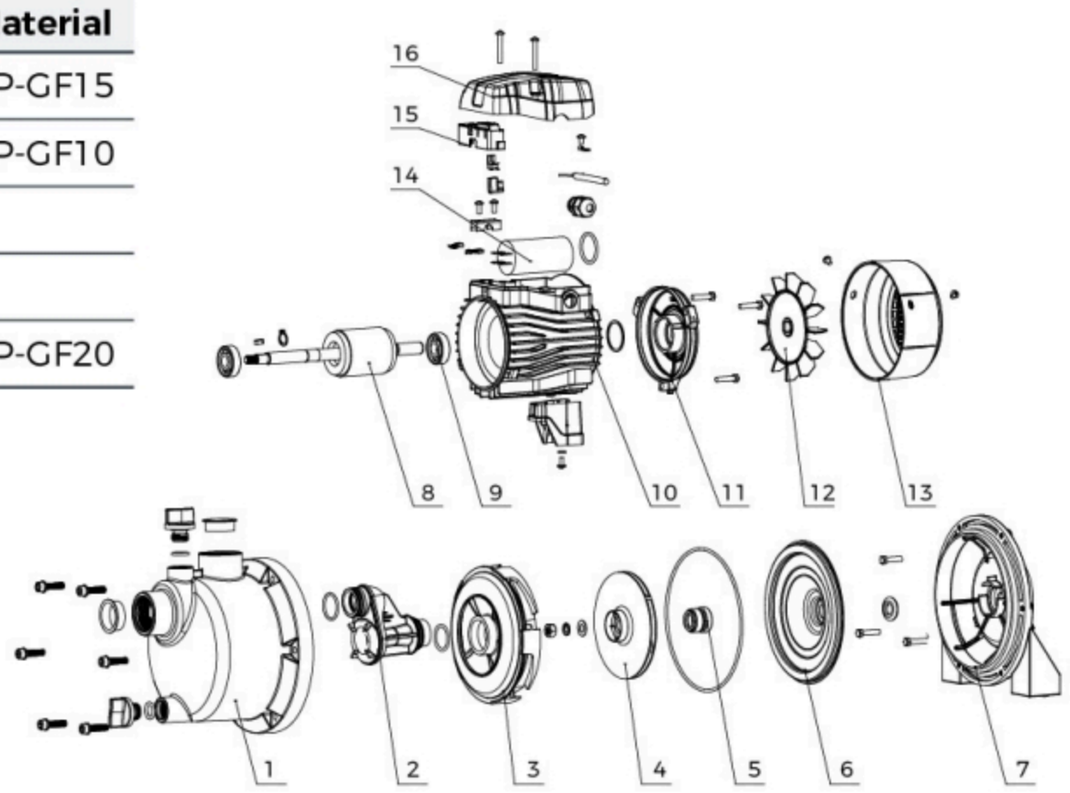
Hydraulic Performance Curves



Material Table

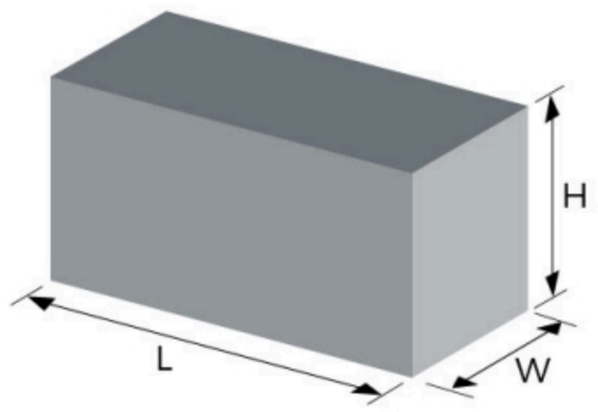
No.	Part	Material
1	Pump body	PS6-GF25
2	Interval channel	PPO-GF30
3	Water outlet cover	PPO-GF30
4	Impeller	PPO-GF30
5	Mechanical seal	
6	Bracket cover	06Cr19Ni10
7	Pump support	ADC12
8	Rotor	ADC12
9	Bearing	PP
10	Stator	
11	End plale	ADC12

No.	Part	Material
12	Fan	PP-GF15
13	Fan cover	PP-GF10
14	Capacitor	
15	Terminal board	
16	Cover box	PP-GF20

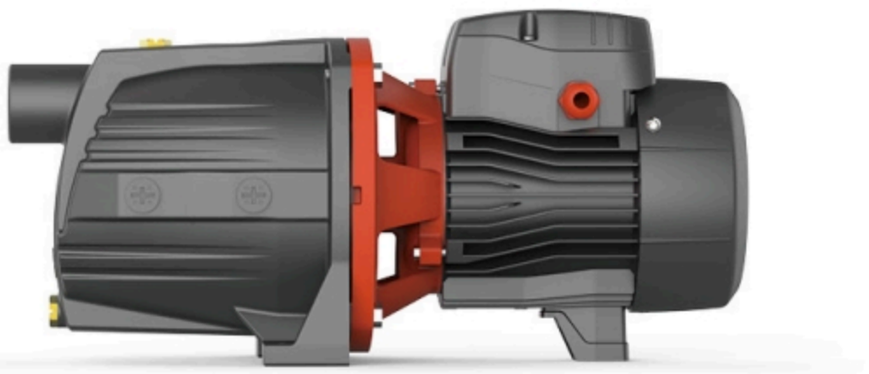


Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AJm30P	5.9	380	215	225	1377
AJm45P	7.0	380	215	225	1377
AJm60P	9.1	425	235	245	992
AJm75P	10.2	425	235	245	992
AJm90P	11.1	425	235	245	992



AJm
Jet Pump








AJm30/AJm45


AJm75H/AJm90H

Cast iron water outlet cover available as optional for AJm30/AJm45/ AJm75H/AJm90H.

Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

Pump

- Built-in check valve
- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +60℃
- Max. suction: +9 m

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50 ℃

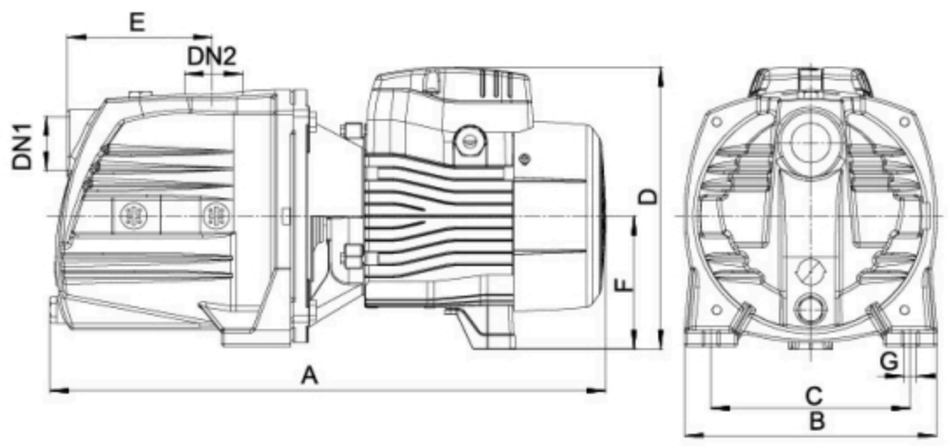
Identification Codes

A J m 30 (H)

- (H) — High Head
- 30 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- J — Jet Pump
- A — LEO Product Style

Technical Data

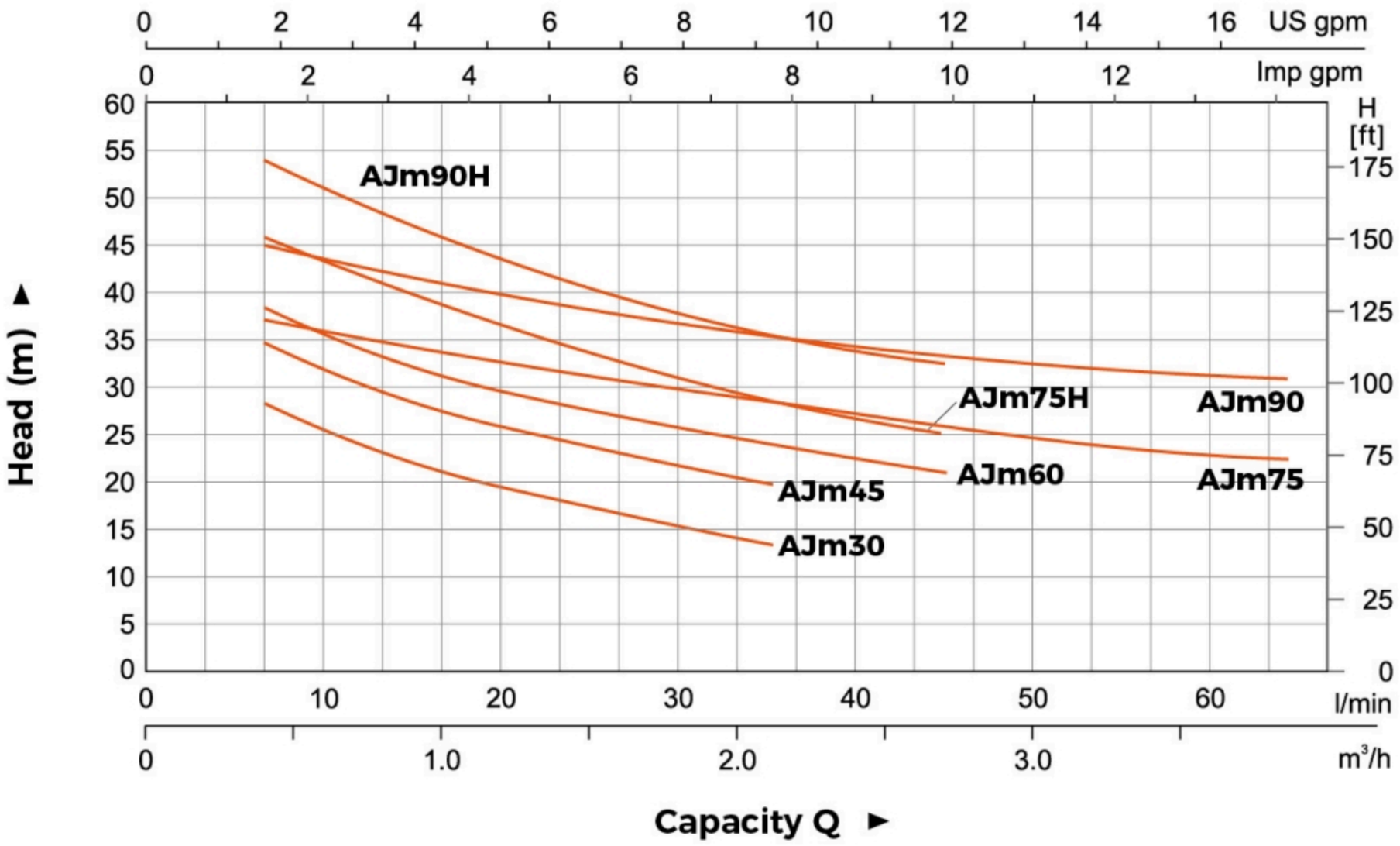
Model	Power		Q(m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3	3.3	3.6	3.9
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	47	50	55	60	65
AJm30	0.3	0.4	H (m)	33	30	26	22.5	20	18	16	14	-	-	-	-	-	-
AJm45	0.45	0.6		38	36	32	28	25	22	20	18	-	-	-	-	-	-
AJm60	0.6	0.8		44	41	37	33.5	31	28.5	26	24	22.5	21	-	-	-	-
AJm75	0.75	1.0		40	38	36	34.5	33	31.5	30	29	28	27	26	25	24	23
AJm75H	0.75	1.0		50	47	43	40	37	34.5	32	30	27.5	25	-	-	-	-
AJm90	0.9	1.2		48	46	44	42.5	41	39.5	38	36	35	34	33	32	31	30
AJm90H	0.9	1.2		60	57	53	49	46	43	40	37	35	33	-	-	-	-



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
AJm30	G1	G1	377	160	125	182	125	90	10
AJm45			377	160	125	182	125	90	10
AJm60			437	190	150	213	145	100	10
AJm75			437	190	150	213	145	100	10
AJm75H			437	190	150	213	145	100	10
AJm90			437	190	150	213	145	100	10
AJm90H			437	190	105	213	145	100	10

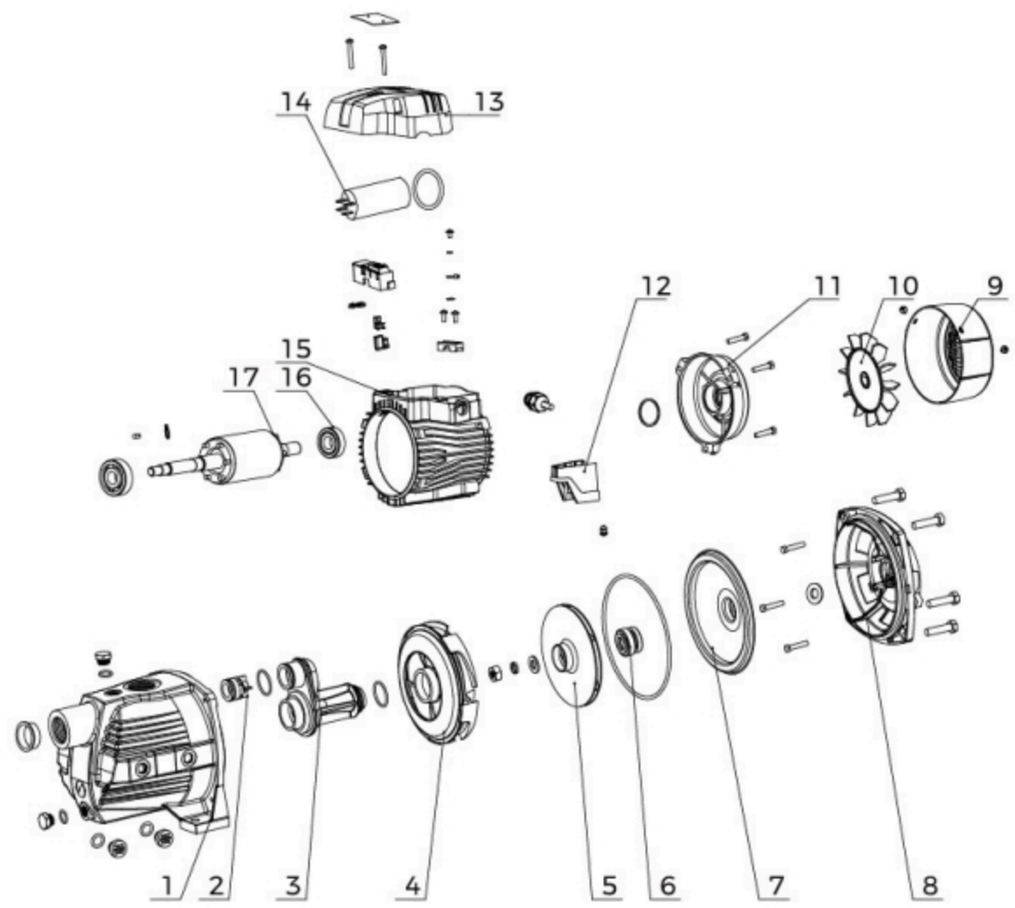
Hydraulic Performance Curves



Material Table

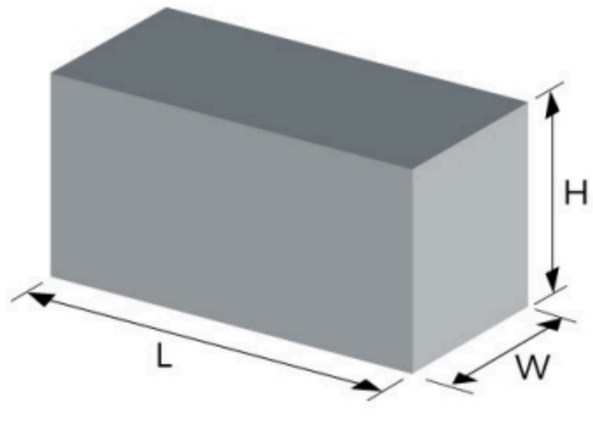
No.	Part	Material
1	Pump body	HT200
2	Non-return valve	
3	Runner	PPO
4	Outlet cover	PPO
5	Impeller	PPO
6	Mechanical seal	
7	Bracket cover	SS304
8	Bracket	ZL102
9	Fan cover	PP
10	Fan	PP
11	Rear cover	ADC12
12	Supporting foot	PA6

No.	Part	Material
13	Terminal box	PA6
14	Capacitor	
15	Stator	
16	Bearing	
17	Rotor	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AJm30	8.5	410	185	215	1600
AJm45	9.5	410	185	215	1600
AJm60	13.9	475	215	245	1050
AJm75	15	475	215	245	1050
AJm75H	15	475	215	245	1050
AJm90	16	475	215	245	1050
AJm90H	16	475	215	245	1050



AJm
Jet Pump





Cast iron water outlet cover available as optional for AJm110H/AJm150H/ AJm150L/AJm220H.

Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

Pump

- Built-in check valve
- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +60℃
- Max. suction: +9 m

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50 ℃

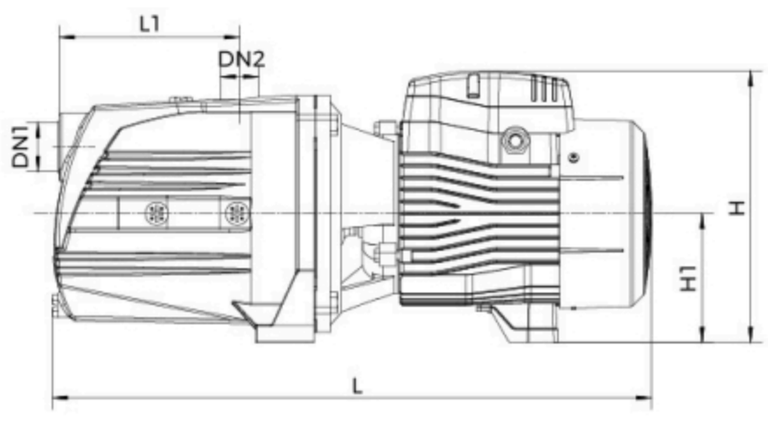
Identification Codes

A J m 110 (L)

- (L) — Large Flow
- 110 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- J — Jet Pump
- A — LEO Product Style

Technical Data

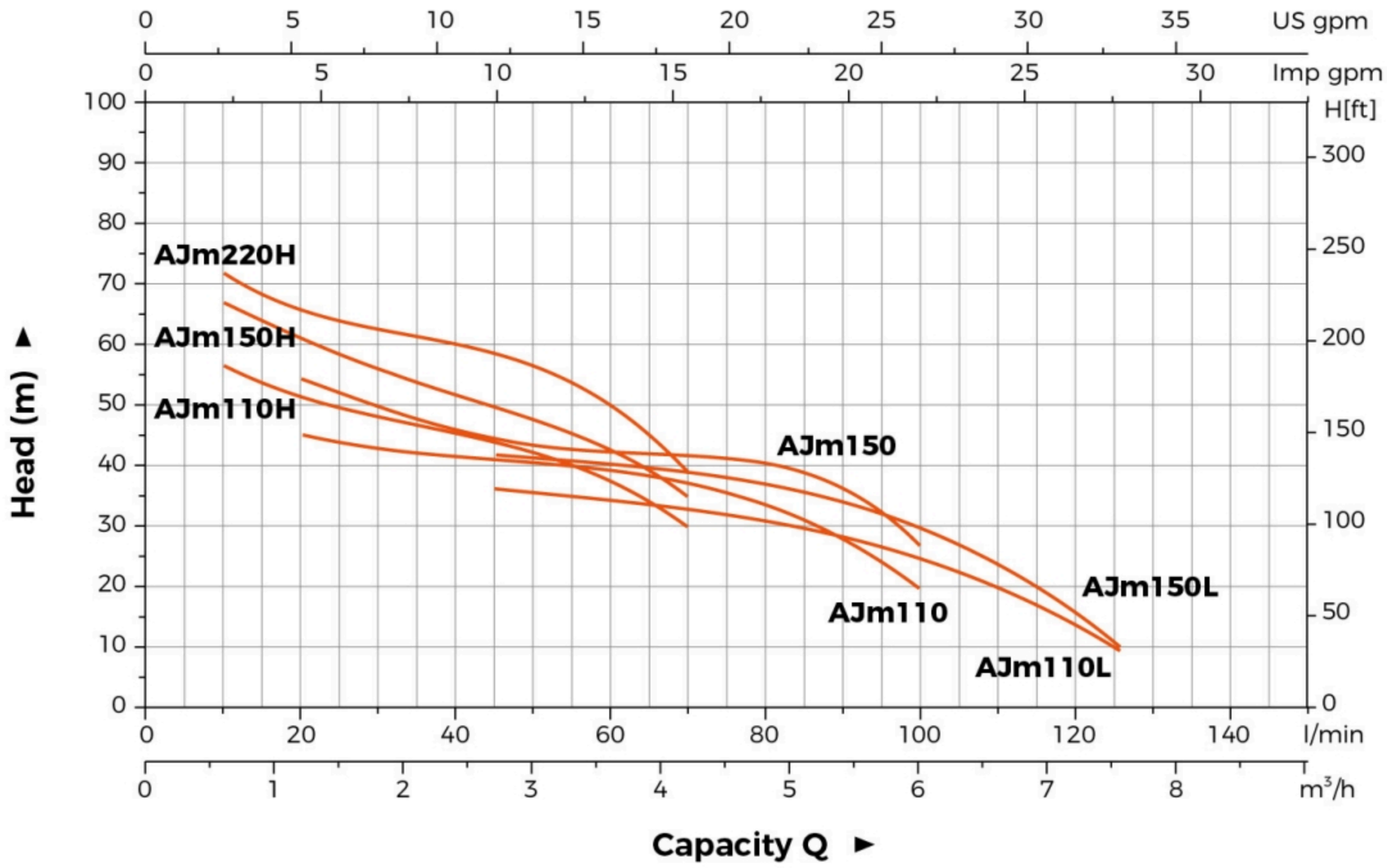
Model	Power		Q(m^3/h)	0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4.2	4.8	6	7.5	8.4
	kW	HP	Q(l/min)	0	10	15	20	25	30	35	40	45	50	60	70	80	100	120	140
AJm110	1.1	1.5	H (m)	55	49	47	45	44	42.5	42	41	41	40	39	37	33	20	-	-
AJm110H	1.1	1.5		65	57	53	52	50	47	46	45	44	42	37	31	19	-	-	-
AJm110L	1.1	1.5		47	43	41	40	39	38	37	37	36	35	34	33	31	25	10	-
AJm150	1.5	2		60	58	57	54	52	49.5	47.5	46	45	43	42.5	42	40	27	-	-
AJm150H	1.5	2		73	67	63	61	58	55	54	51	49	47	43	35	22	-	-	-
AJm150L	1.5	2		54	49	47	46	45	44	43	42	42	41	40	39	37	30	11	-
AJm220H	2.2	3		83	72	67	65	64	62	61	60	59	57	50	39	22	-	-	-



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
AJm110	G1 1/4	G1	512	206	236	153	165	112
AJm110H			512	206	236	153	165	112
AJm110L			512	206	236	153	165	112
AJm150			512	206	236	153	165	112
AJm150H			512	206	236	153	165	112
AJm150L			512	206	236	153	165	112
AJm220H	G1 1/2	G1 1/2	512	206	236	153	165	112

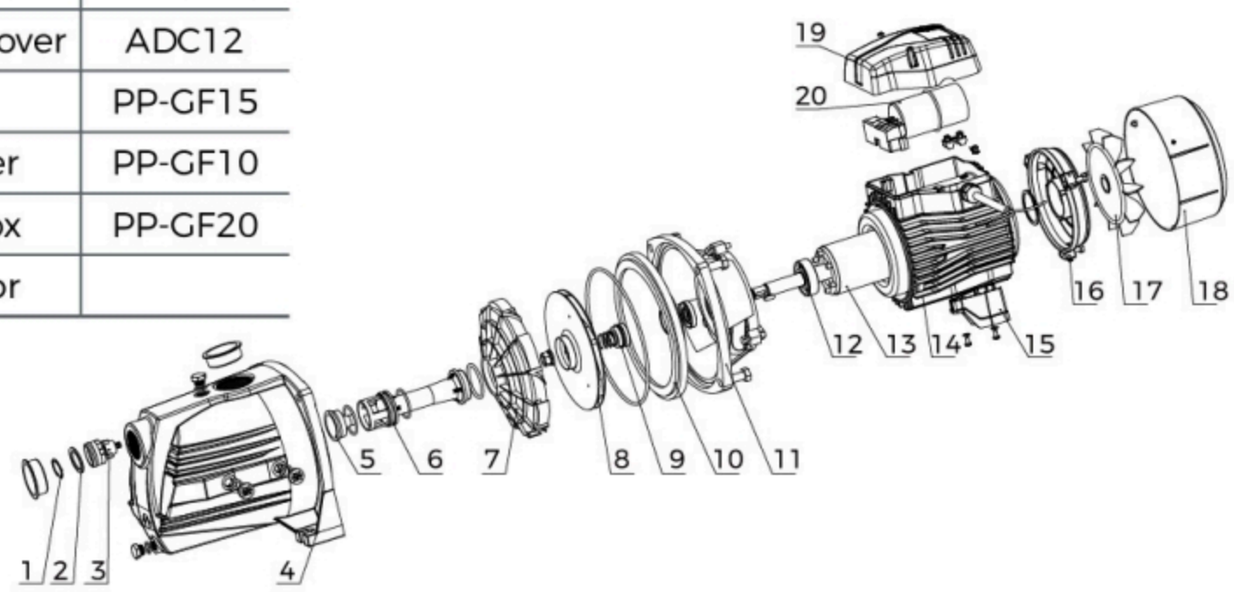
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Flat washer	06Cr19Ni10
2	Circlip for hole	06Cr19Ni10
3	Plastic check valve	POM
4	Pump body	HT200
5	Nozzle	PPO-GF30
6	Runner body	PPO-GF30
7	The water outlet cover assembly	PPO-GF30
8	Impeller	06Cr19Ni10
9	Mechanical seal	
10	Bracket cover	HT200
11	Bracket	ADC12
12	Bearing	

No.	Part	Material
13	Rotor	
14	Stator	
15	Support feet	PA6-GF25
16	Rear end cover	ADC12
17	Fan	PP-GF15
18	Fan cover	PP-GF10
19	Cover box	PP-GF20
20	Capacitor	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AJm110	24.5	572	225	259	816
AJm110H	24.5	572	225	259	816
AJm110L	24.5	572	225	259	816
AJm150	25.4	572	225	259	816
AJm150H	25.4	572	225	259	816
AJm150L	25.4	572	225	259	816
AJm220H	26.0	572	225	259	816

