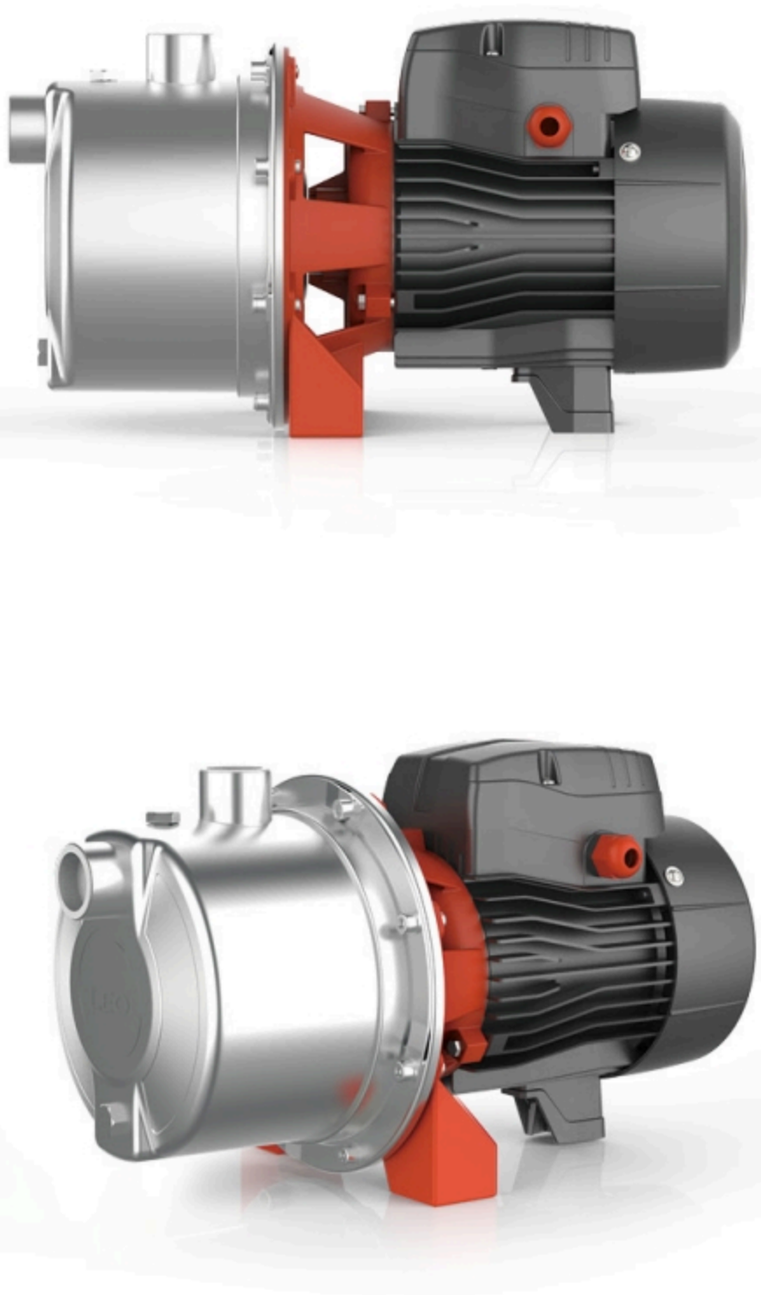
AJm

Stainless Steel 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

- Stainless steel pump body
- 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℃

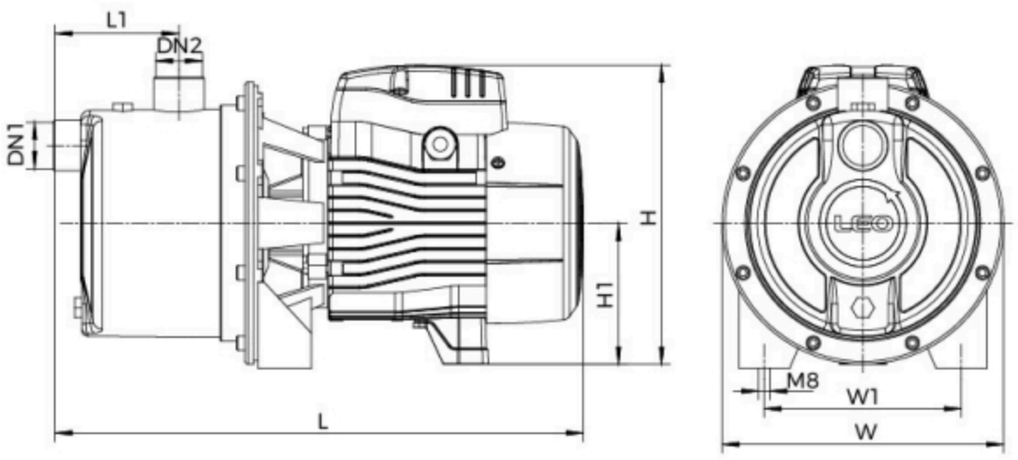
Identification Codes

A J m 30 S

- S — Stainless Steel Pump Body
- 30 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- J — Jet Pump
- A — LEO Product Style

Technical Data

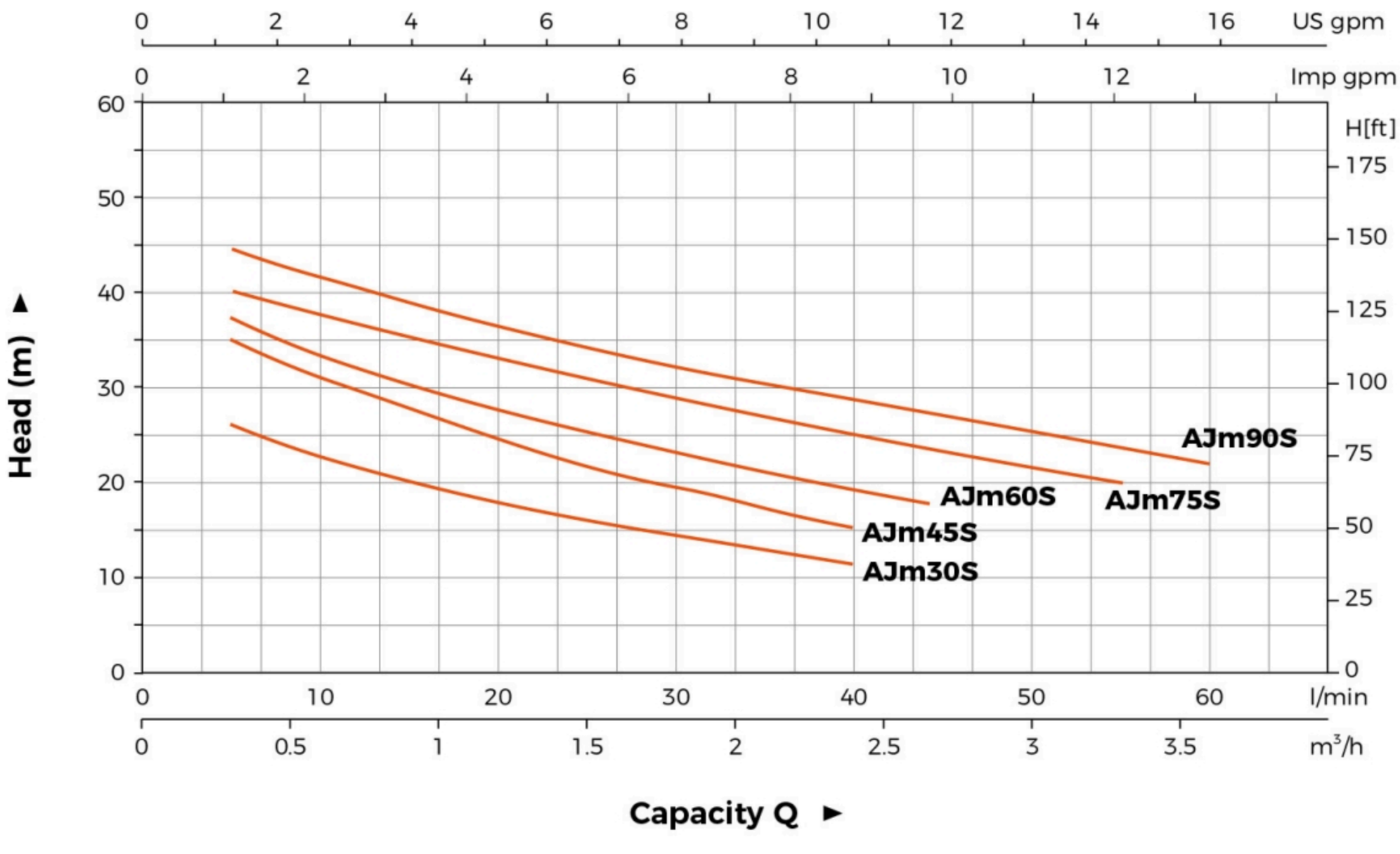
Model	Power		Q(m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.0	3.3	3.6
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	47	50	55	60
AJm30S	0.3	0.4	H (m)	30	26	23	20	18	16.5	15	13	11	-	-	-	-
AJm45S	0.45	0.6		38	35	31	27	25	22	20	19	16	-	-	-	-
AJm60S	0.6	0.8		42	37	33	30	27	25	23	21	20	18	-	-	-
AJm75S	0.75	1.0		47	40	38	36	34	32	30	28	27	25	23	20	-
AJm90S	0.9	1.2		48	44	42	39	37	35	34	32	31	29	28	26	22



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
AJm30S	G1	G1	329	180	181.5	75	140	92
AJm45S			329	180	181.5	75	140	92
AJm60S			385	200	213	88	140	103
AJm75S			385	200	213	88	140	103
AJm90S			385	200	213	88	140	103

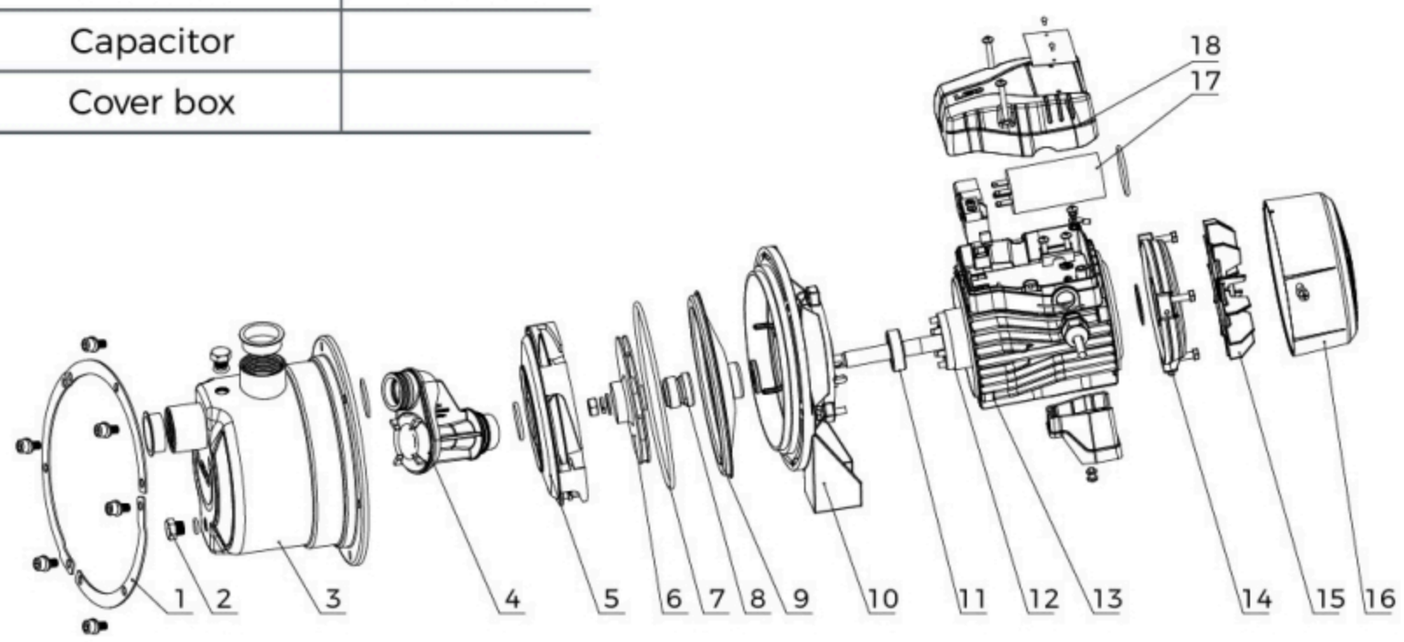
Hydraulic Performance Curves



Material Table

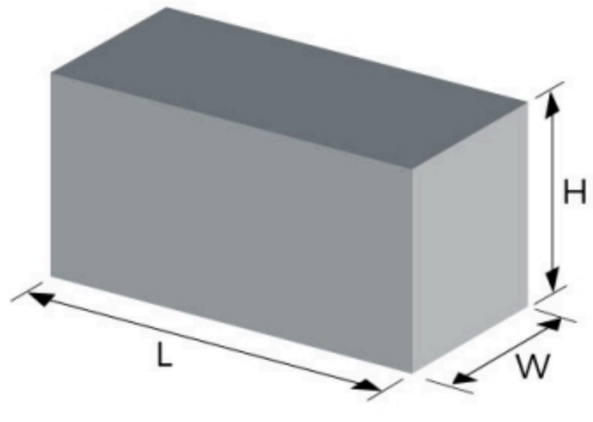
No.	Part	Material
1	Flat washer	06Cr19Ni10
2	Affusion plug screw	HPb59-1
3	Pump body	06Cr19Ni10
4	Interval channel	PPO-GF30
5	Water outlet cover	PPO-GF30
6	Impeller	06Cr19Ni10
7	O-ring	NBR
8	Mechanical seal	
9	Bracket cover	06Cr19Ni10
10	Bracket	ADC12
11	Bearing	
12	Rotor	
13	Stator	

No.	Part	Material
14	End plate	ADC12
15	Fan	PP-GF15
16	Fan cover	PP-GF10
17	Capacitor	
18	Cover box	



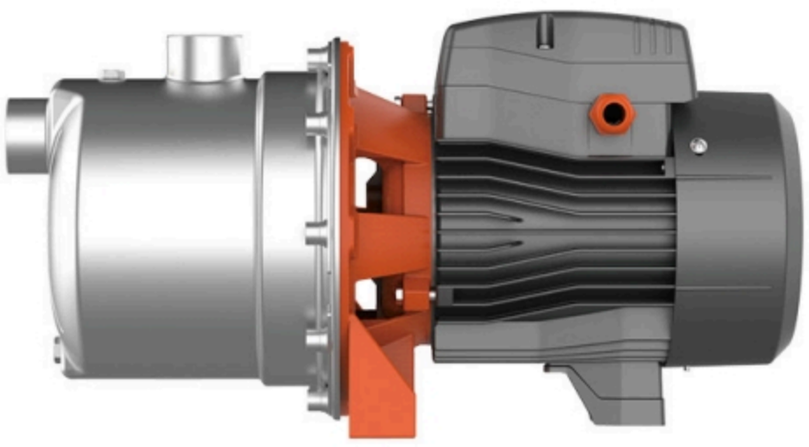
Package Information

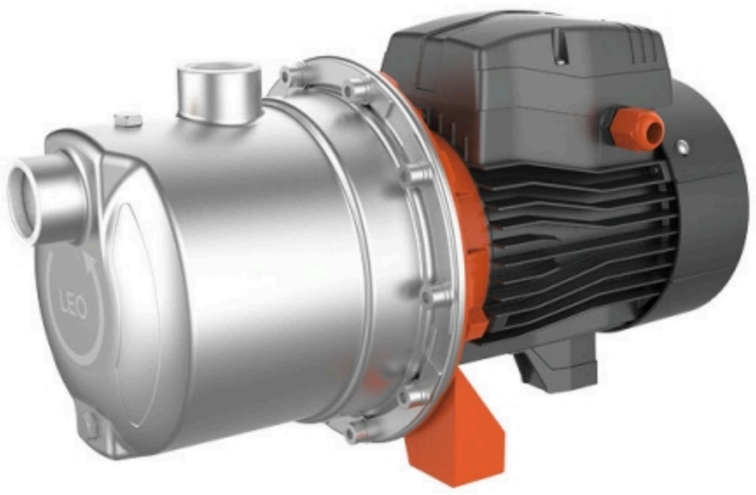
Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AJm30S	5.7	350	180	220	1920
AJm45S	6.7	350	180	220	1920
AJm60S	9.2	420	228	257	1056
AJm75S	10.1	420	228	257	1056
AJm90S	10.7	420	228	257	1056



AJm

Stainless Steel 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.

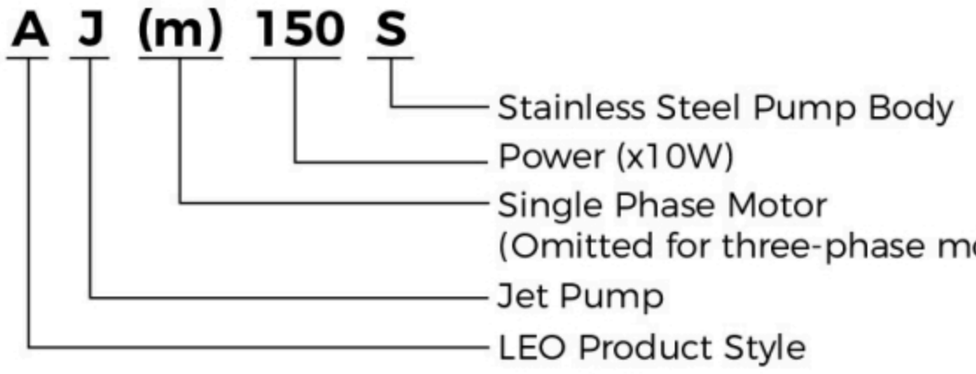
Pump

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

Motor

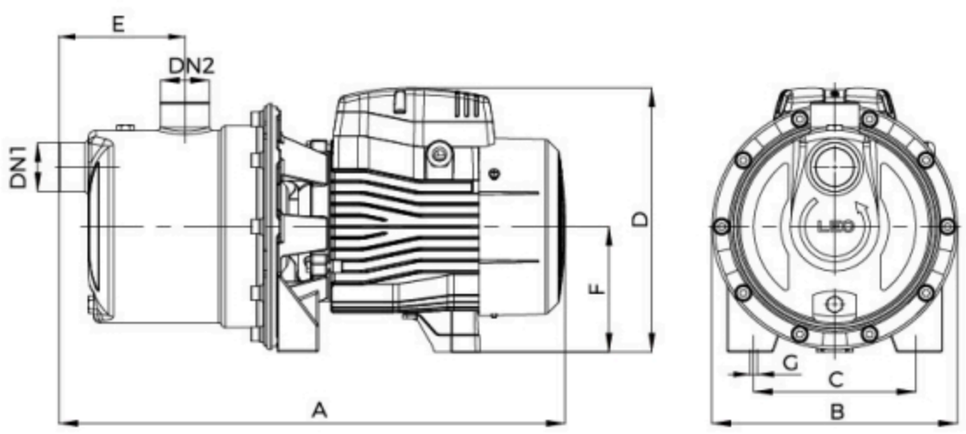
- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50℃

Identification Codes



Technical Data

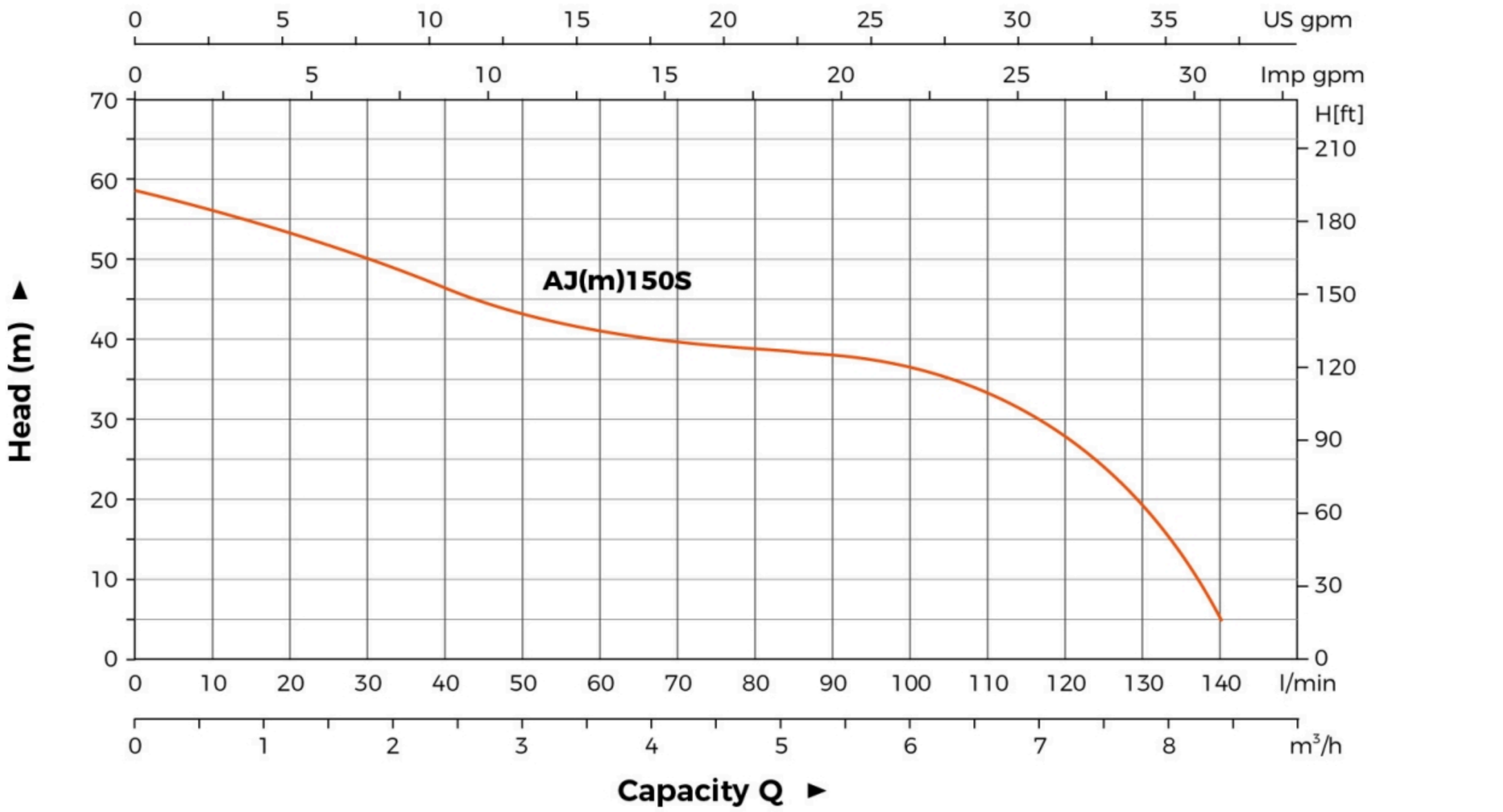
Model	Power		Q(m^3/h)	0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4.2	4.8	6	7.5	8.4
	kW	HP	Q(l/min)	0	10	15	20	25	30	35	40	45	50	60	70	80	100	120	140
AJ(m)150S	1.5	2	H (m)	58	56.4	55	53.2	51.5	49.6	48	46.3	44.8	43.5	41.3	39.9	38.9	36.4	24.3	5.6



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
AJ(m)150S	G1.25	G1.25	469	227	150	245	116.5	116	M8

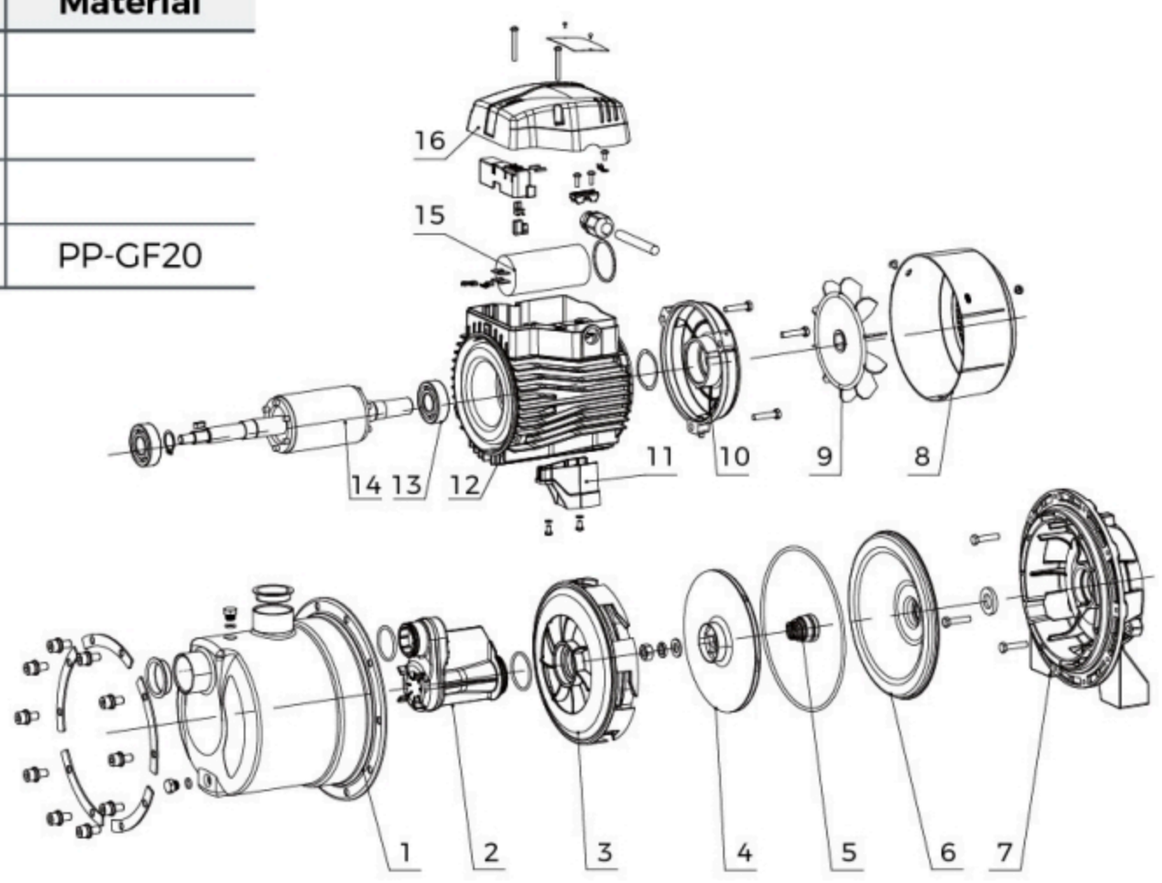
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	06Cr19Ni10
2	Runner body	
3	Diffuser assy	PPO-GF30
4	Impeller	06Cr19Ni10
5	Mechanical seal	
6	Bracket cover	06Cr19Ni10
7	Pump support	ADC12
8	Fan cover	PPO-GF10
9	Fan	PP
10	End cover	ADC12
11	Supporting feet	PA6-GF25
12	Stator	

No.	Part	Material
13	Ball bearing	
14	Rotor	
15	Capacitor	
16	Cover box	PP-GF20



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AJ(m)150S	17.3	515	250	268	824

