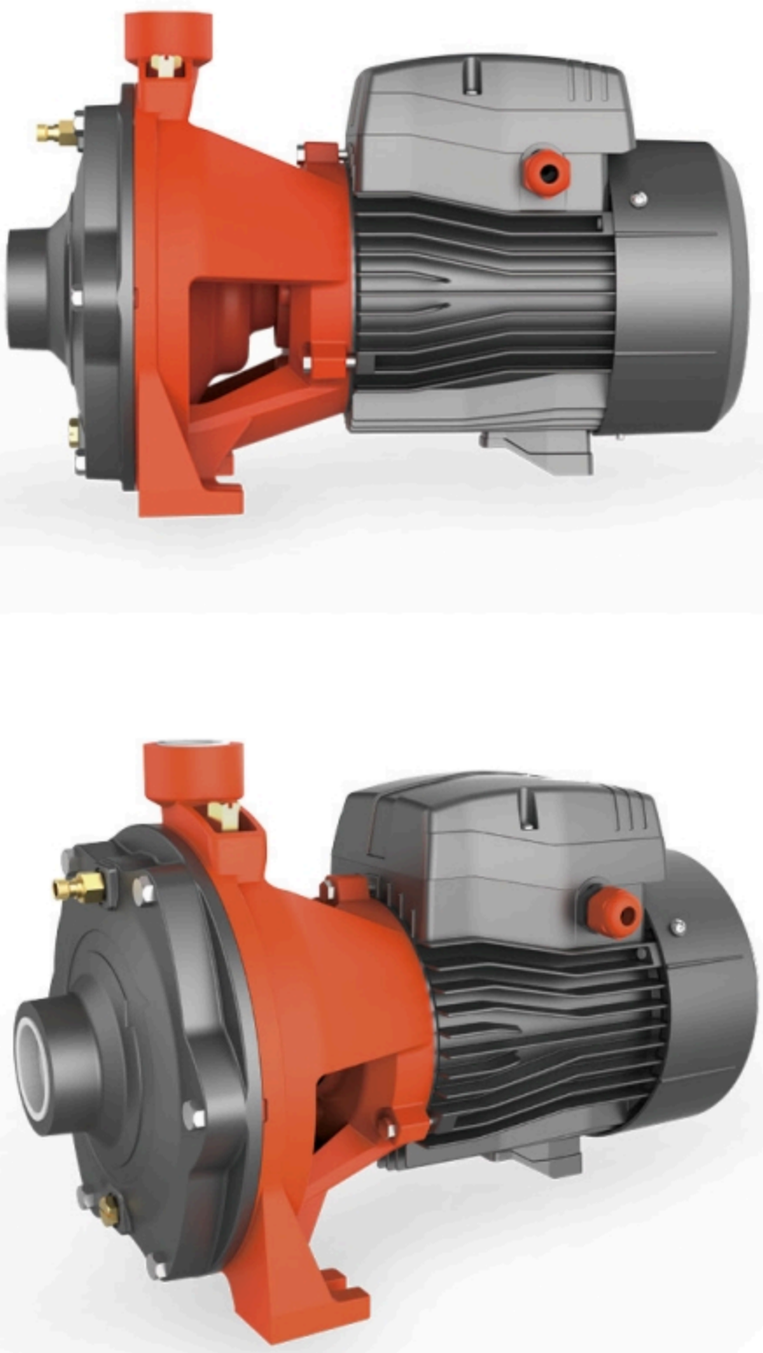
ACm

Multistage Centrifugal Pump



Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and urban water supply, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air conditioning, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperture: +60˚C
- Max.suction: + 8 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 temperture: +50˚C
- IE 2 motor (Three phase, power ≥ 0.75kW)

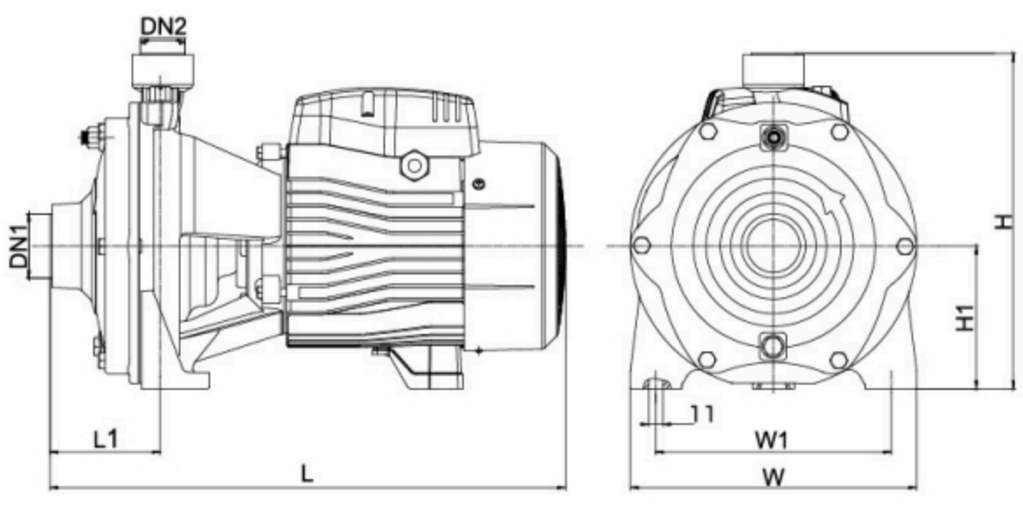
Identification Codes

2 A C m 150 (H)

- (H) — High Head
- 150 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- C — Centrifugal Pump
- A — LEO Product Style
- 2 — Impeller Stage

Technical Data

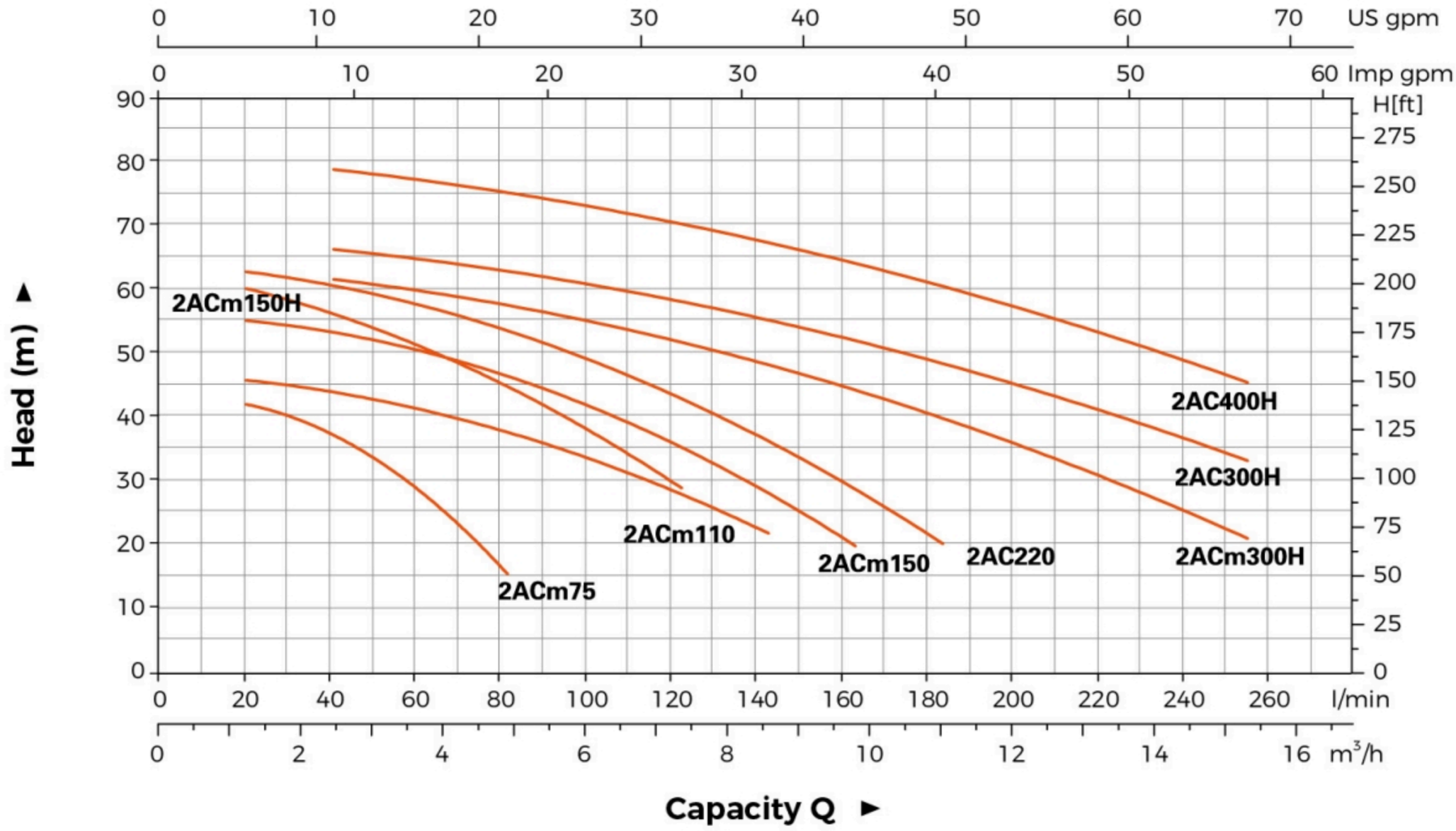
Model		Power		Q(m^3/h)	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15
Single Phase	Three Phase	kW	HP	Q(l/min)	0	20	30	40	50	60	70	80	90	100	110	120	140	160	180	220	250
2ACm75	2AC75	0.75	1	H (m)	45	42.5	40	37	33.5	28.5	23	15	-	-	-	-	-	-	-	-	-
2ACm110	2AC110	1.1	1.5		47	46	45	44	43	41.5	40	38	35.5	33	30.5	28	22	-	-	-	-
2ACm150	2AC150	1.5	2		57.5	55.5	54.5	53.5	52	50.5	49	47	44.5	41.5	38.5	35	28	20	-	-	-
2ACm150H	2AC150H	1.5	2		63.5	60.5	58.5	56.5	54	51.5	48.5	45	41	37.5	33.5	29	-	-	-	-	-
-	2AC220	2.2	3		65	63	62	61	59.5	58	56	54	51.5	49	46	43	36	28.5	20.5	-	-
2ACm300H	-	3	4		65	-	-	62	61	60	59	58	56.5	55	53.5	52.5	48.5	44.5	40	35	21
-	2AC300H	3	4		70	-	-	67	66	65	64	63	62	61	59.5	59	55.5	52	49	45	33
-	2AC400H	4	5.5		82	-	-	79.5	78.5	77.5	76.5	75.5	74.5	73.5	72	71	67.5	64.5	61	57	45.5



Dimension

Model	DN1	DN2	L (mm)	L1 (mm)	H (mm)	H1 (mm)	W (mm)	W1 (mm)
2AC(m)75	G1 1/4	G1	337	72	231	100	181	145
2AC(m)110	G1 1/2		379	78	225	92.5	200	162
2AC(m)150			402	88	263	112	225	185
2AC(m)150H								
2AC220								
2ACm300H		G1 1/4	481	99	311	132	281	234
2AC300H								
2AC400H								

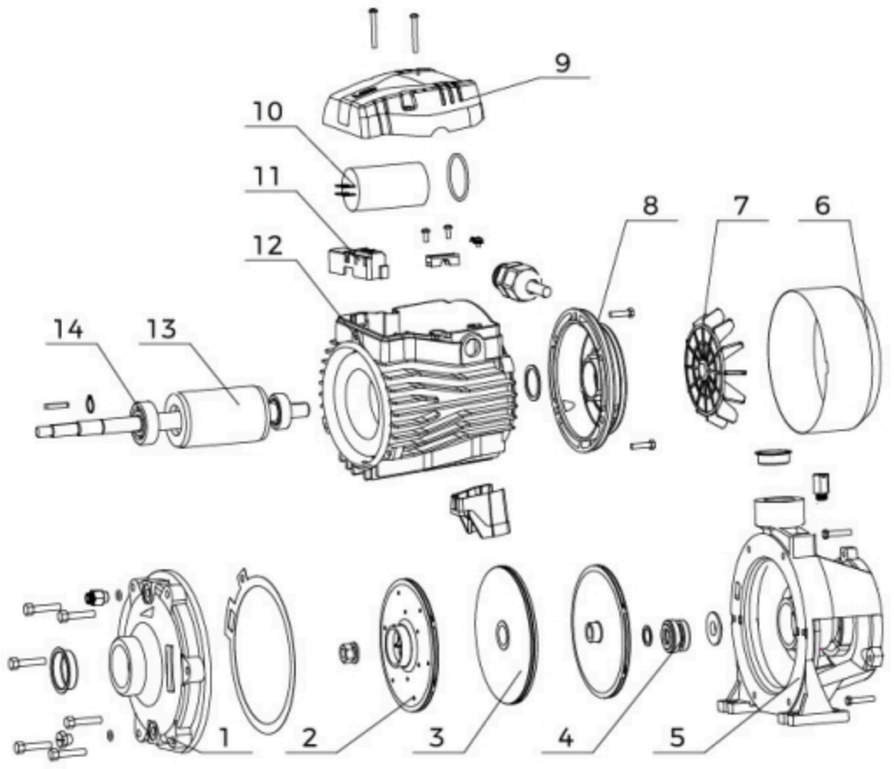
Hydraulic Performance Curves



Material Table

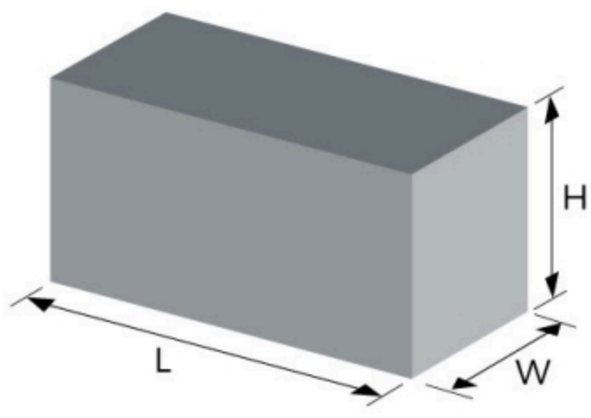
No.	Part	Material
1	Pump body	HT200
2	Impeller	AISI304/HPb59-1
3	Water baffle	HT200
4	Mechanical seal	
5	Bracket	HT200
6	Fan cover	PP
7	Fan	PP-GF10
8	End plate	ADC12
9	Cover box	PP-GF20
10	Capacitor	

No.	Part	Material
11	Terminal board	
12	Stator	
13	Rotor	
14	Deep grove ball bearing	



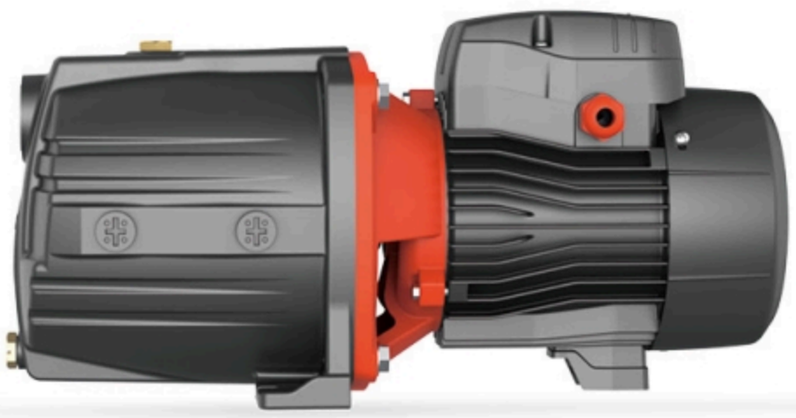
Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
2AC(m)75	16.8	385	215	270	1190
2AC(m)110	22	430	235	275	833
2AC(m)150	26.4	445	255	300	636
2AC(m)150H	27	445	255	300	636
2AC220	27.5	445	255	300	629
2ACm300H	49	542	330	360	337
2AC300H	48.6	542	330	360	340
2AC400H	48.5	542	330	360	346



ACm

Multistage Centrifugal Pump





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and urban water supply, domestic water supply, high rise buildings, long distance water transfer and related auxiliary equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperture: +60˚C
- Max.suction: + 8m

Motor

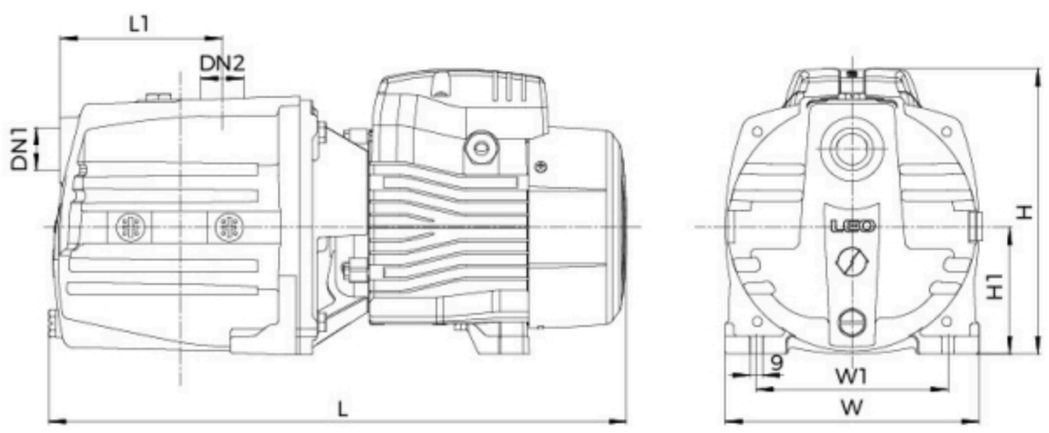
- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperture: +50˚C
- IE 2 motor for 4AC75

Identification Codes



Technical Data

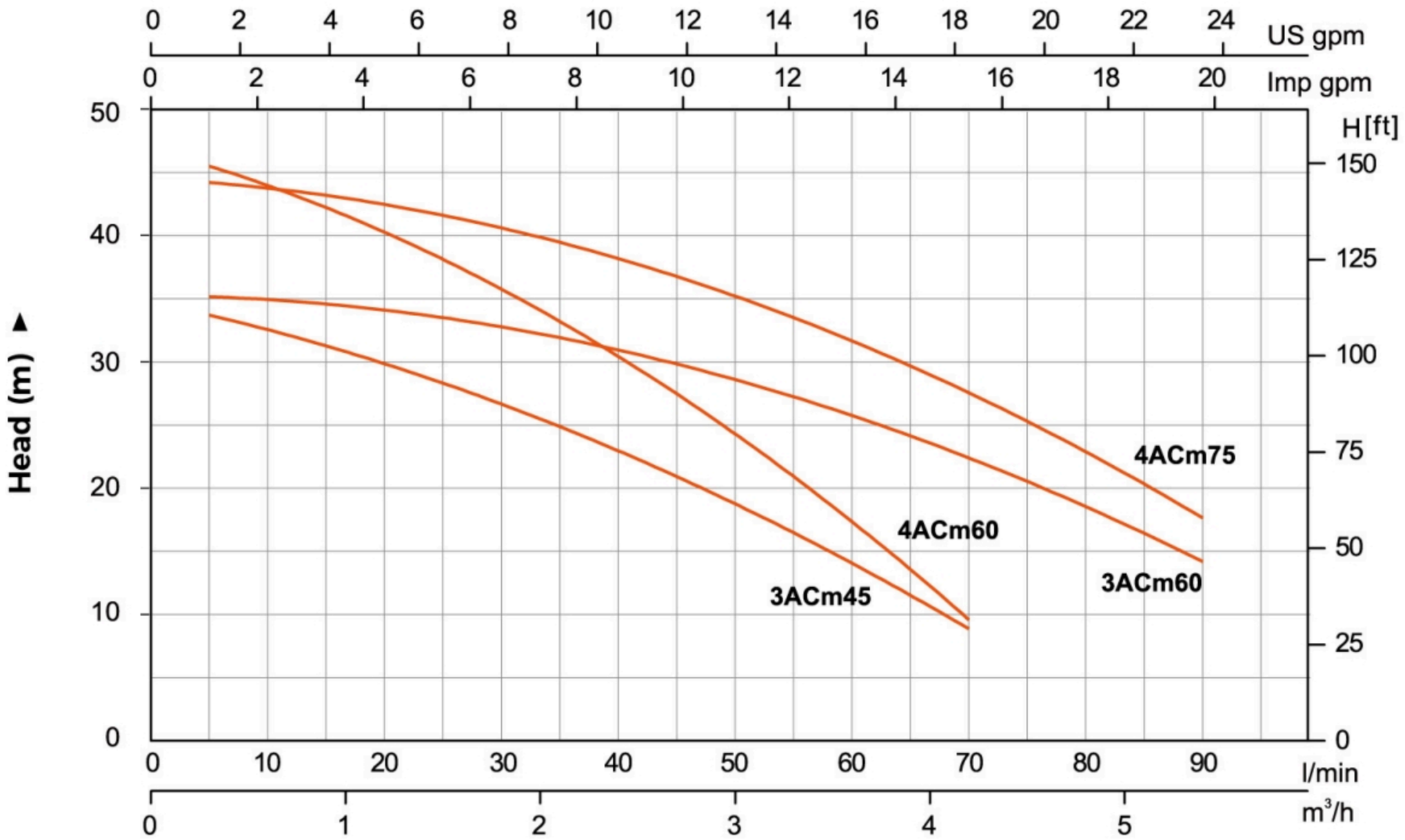
Model		Power		Q(m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.4	3.0	3.6	4.2	4.8	5.4
Single Phase	Three Phase	kW	HP	Q(l/min)	0	5	10	15	20	25	30	40	50	60	70	80	90
3ACm45	-	0.45	0.6	H (m)	35	33.5	32.5	31.5	30	28.5	26.5	23	18.5	14	9	-	-
4ACm60	-	0.6	0.85		46.5	45	44	42.5	40.5	38.5	36	30	24	17	10	-	-
3ACm60	-	0.6	0.85		36	35.5	35	34.5	34	33.5	32.5	30.5	28.5	26	23	19	13.5
4ACm75	4AC75	0.75	1		46.5	45	44	43	42	41	40	38	35.5	32.5	28	23	17



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
3ACm45	G1	G1	356	180	182	97	136	90
4ACm60			410.5	180	202	123	132	90
3ACm60			385.5	180	202	97	136	90
4ACm75			410.5	180	202	123	132	90

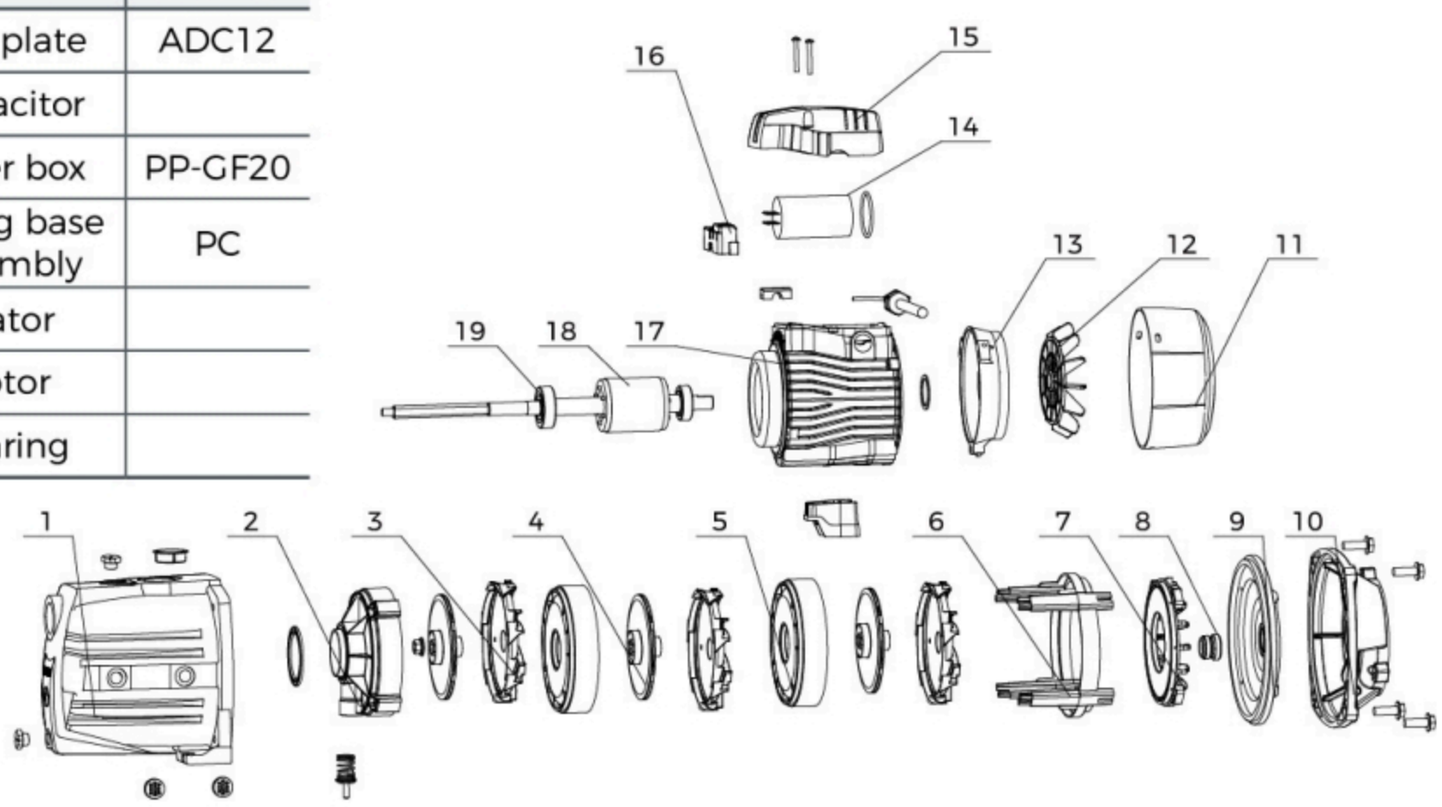
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	HT200
2	Reflux cover	PP-GF30
3	Cuide vane one	PP-GF30
4	Impeller	PP-GF30
5	Guide vane two	PP-GF30
6	Fixed frane	PP-GF30
7	Carriage	PP-GF30
8	Mechanical seal	
9	Bracket cover	HT200
10	Bracket	ADC12
11	Fan cover	PP
12	Fan	PP-GF10

No.	Part	Material
13	End plate	ADC12
14	Capacitor	
15	Cover box	PP-GF20
16	Wiring base assembly	PC
17	Stator	
18	Rotor	
19	Bearing	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
3ACm45	13.5	410	200	210	1515
4ACm60	15.5	435	200	230	1233
3ACm60	16.3	460	200	230	1305
4ACm75	17.7	460	200	230	1176

