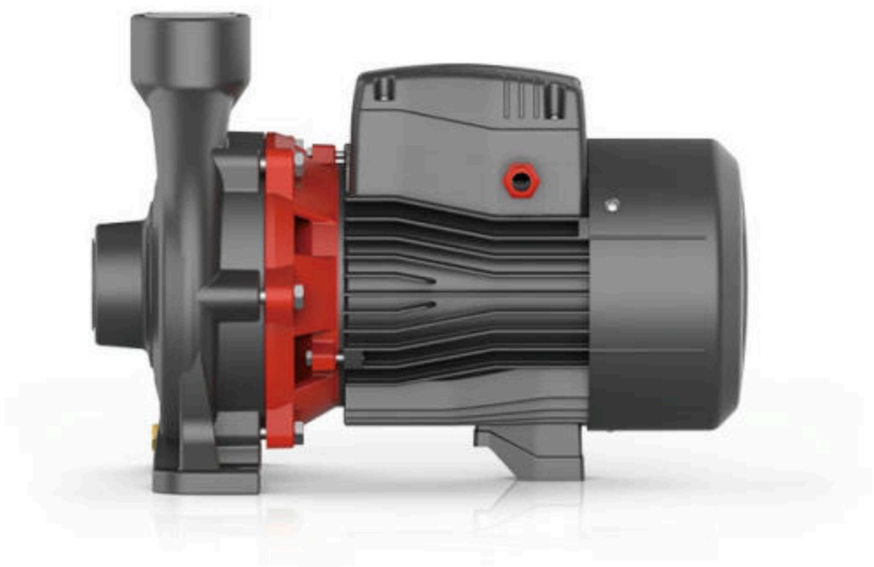
ACm
Centrifugal Pump





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 temperature: +60℃
- Max. suction: +8 m

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50℃
- IE2 motor
  (Three phase, power ≥ 0.75kW, AC750C2 and AC750C4 excluded)

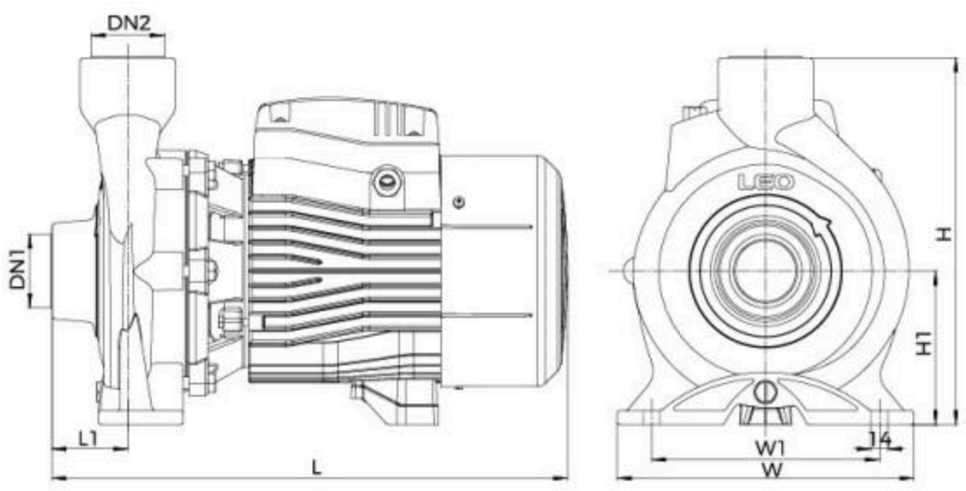
Identification Codes

A C m 220 C (H) 2

- 2 — Inlet Diameter (")
- (H) — High Head
- C — Features
- 220 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- C — Centrifugal Pump
- A — LEO Product Style

Technical Data

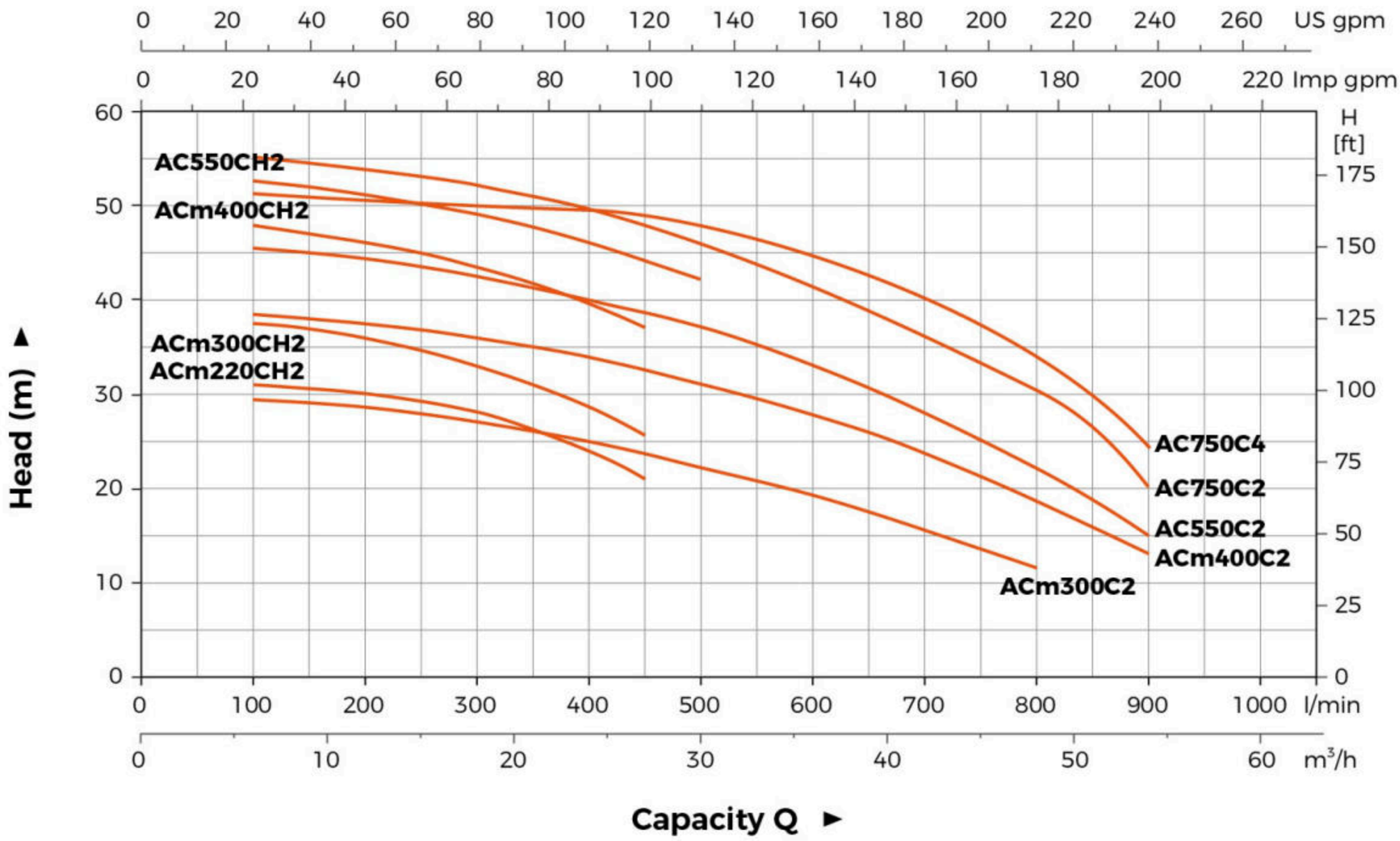
Model		Power		Q(m^3/h)	0	6	9	12	15	18	24	27	30	36	42	48	54
Single Phase	Three Phase	kW	HP	Q(l/min)	0	100	150	200	250	300	400	450	500	600	700	800	900
ACm220CH2	AC220CH2	2.2	3	H (m)	31	30	29.5	28.5	27.5	26	21.5	18.5	-	-	-	-	-
ACm300CH2	AC300CH2	3	4		38	37.5	37	36	34.5	33	28.5	25.5	-	-	-	-	-
ACm400CH2	AC400CH2	4	5.5		49	48	47	46	45	43.5	39.5	37	-	-	-	-	-
-	AC550CH2	5.5	7.5		54	52.5	52	51	50	49	46	44	42	-	-	-	-
ACm300C2	AC300C2	3	4		30	29.5	29	28.5	28	27	25	23.5	22	19.5	15.5	11.5	-
ACm400C2	AC400C2	4	5.5		39	38.5	38	37.5	37	36	34	32.5	31	28	24	18.5	13
-	AC550C2	5.5	7.5		46.5	45.5	45	44.5	43.5	42.5	40	38.5	37	33	28	22	15
-	AC750C2	7.5	10		56.5	55	55	54.5	53.5	52.5	50	48.5	46.5	42	36.5	30.5	20
-	AC750C4	7.5	10		52.5	52	52	51.5	51	50.5	48	46.5	44.5	40	35.5	30.5	24



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
AC(m)220CH2	G2	G2	445	255	316	66	186	132
AC(m)300CH2			445	255	316	66	186	132
AC(m)400CH2			499	280	327	71	216	136
AC550CH2			499	280	327	71	216	136
AC(m)300C2			445	255	316	66	186	132
AC(m)400C2			499	280	327	71	216	136
AC550C2			499	280	327	71	216	136
AC750C2			515	290	361	86	216	150
AC750C4	G4	G3	525	290	361	96	216	150

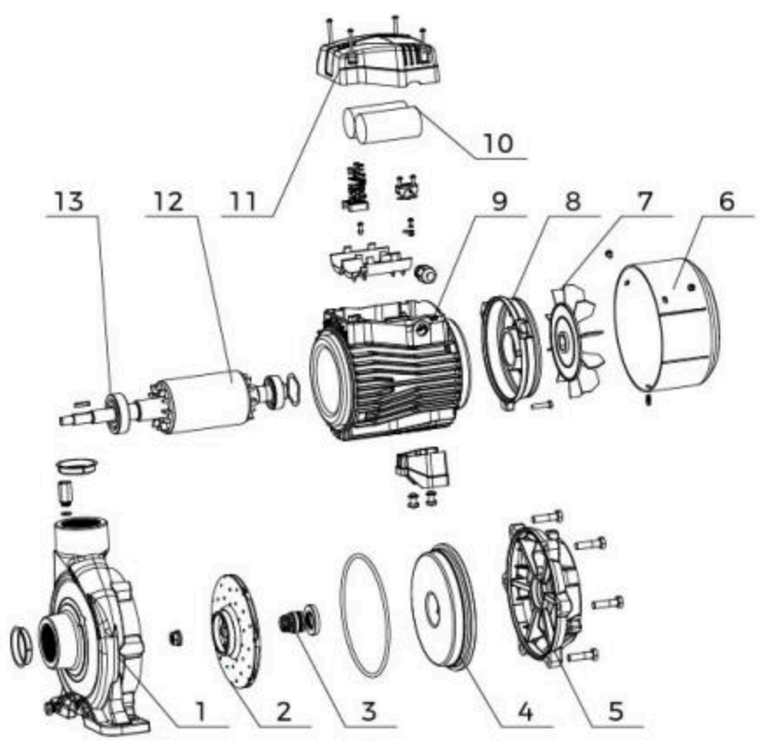
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	HPb59-1 (≤5.5kW) AISI304 (≥7.5kW)
3	Mechanical seal	
4	Bracket cover	HT200
5	Bracket	HT200
6	Fan cover	PP
7	Fan	PP-GF10
8	End plate	ADC12

No.	Part	Material
9	Stator	
10	Capacitor	
11	Cover box	PP-GF20
12	Rotor	
13	Bearing	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AC(m)220CH2	39.1	507	304	372	486
AC(m)300CH2	41.8	507	304	372	478
AC(m)400CH2	56.5	562	328	383	345
AC550CH2	57.1	562	328	383	345
AC(m)300C2	41.6	507	304	372	483
AC(m)400C2	57.5	562	328	383	345
AC550C2	55.5	562	328	383	345
AC750C2	62	587	338	417	305
AC750C4	63.7	587	338	417	305

