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
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50℃
- IE 2 motor (Three phase, power ≥ 0.75kW)

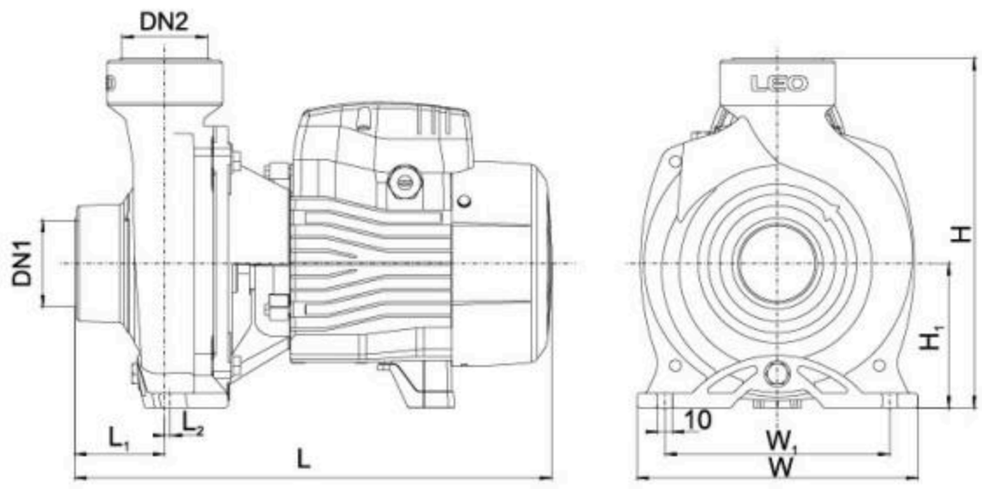
Identification Codes

A C m 110 B 2

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

Technical Data

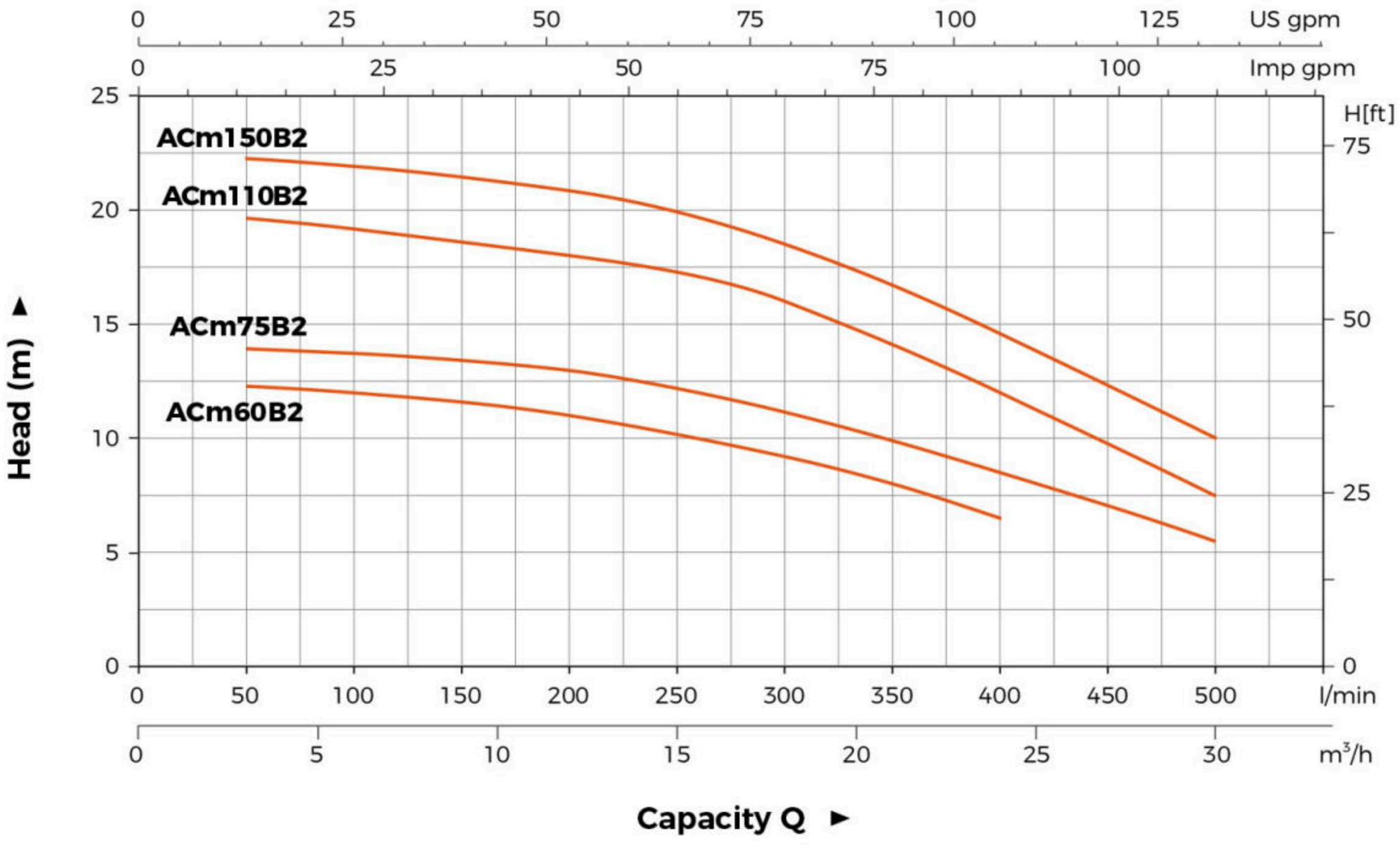
Model		Power		Q(m^3/h)	0	6	9	12	15	18	21	24	30
Single Phase	Three Phase	kW	HP	Q(l/min)	0	100	150	200	250	300	350	400	500
ACm60B2	AC60B2	0.6	0.8	H (m)	12.5	12	11.7	11	10.2	9.2	8	6.5	-
ACm75B2	AC75B2	0.75	1		14	13.7	13.5	13	12.3	11.2	9.9	8.5	5.5
ACm110B2	AC110B2	1.1	1.5		19.5	19.2	19	18.5	17.7	16.5	15	13	8.5
ACm150B2	AC150B2	1.5	2		22	21.5	21	20.5	19.5	18.3	16.5	14.5	9.5



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
AC(m)60B2	G2	G2	336	195	240	62.5	4	156	100
AC(m)75B2			336	195	240	62.5	4	156	100
AC(m)110B2			378	206	263	59	3.5	166	112
AC(m)150B2			378	206	263	59	3.5	166	112

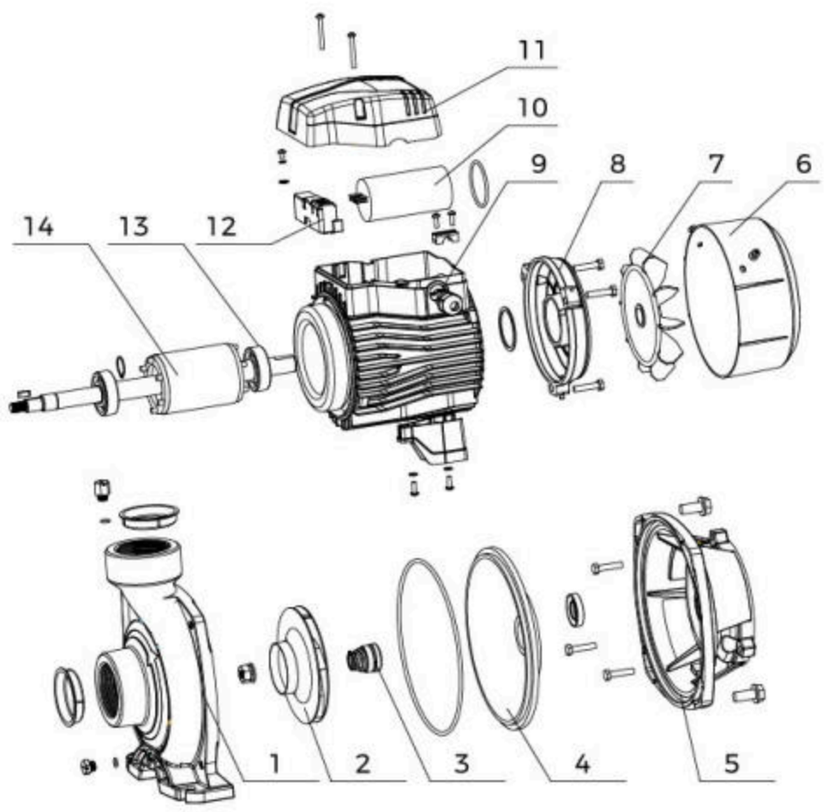
Hydraulic Performance Curves



Material Table

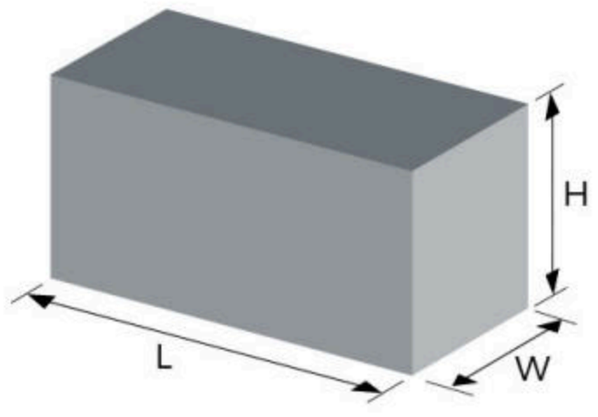
No.	Part	Material
1	Pump body	HT200
2	Impeller	AISI304
3	Mechanical seal	
4	Bracket cover	HT200
5	Bracket	ADC12
6	Fan cover	PP
7	Fan	PP-GF10
8	End plate	ADC12
9	Stator	

No.	Part	Material
10	Capacitor	
11	Cover box	PP-GF20
12	Wiring base assembly	PC
13	Deep grove ball bearing	
14	Rotor	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AC(m)60B2	13.1	375	214	265	1264
AC(m)75B2	14.2	375	214	265	1264
AC(m)110B2	19.9	415	255	285	945
AC(m)150B2	20.7	415	255	285	945



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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 (≤1.5kW)
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperture: +50˚C
- IE 2 motor (Three phase, power ≥ 0.75kW)

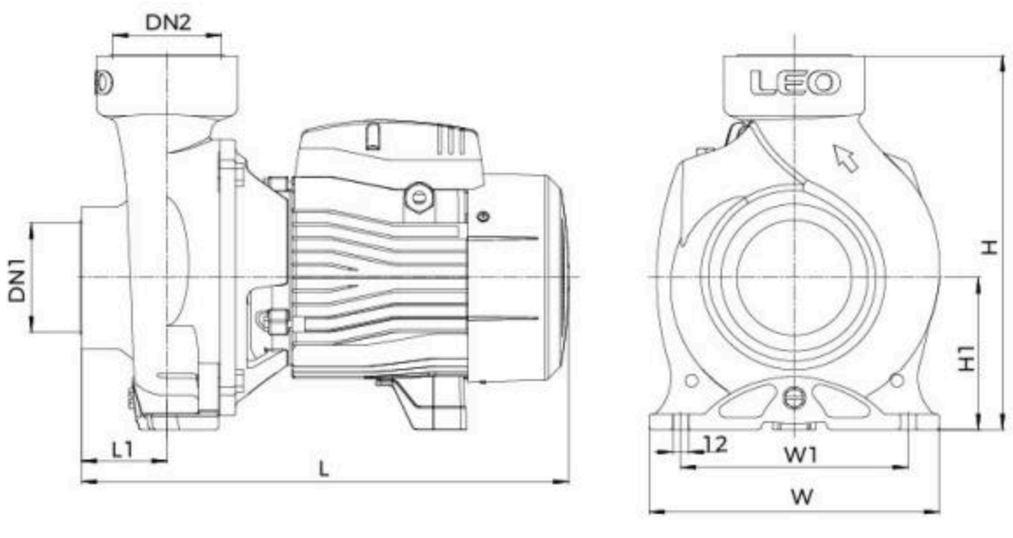
Identification Codes

A C m 220 B 3

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

Technical Data

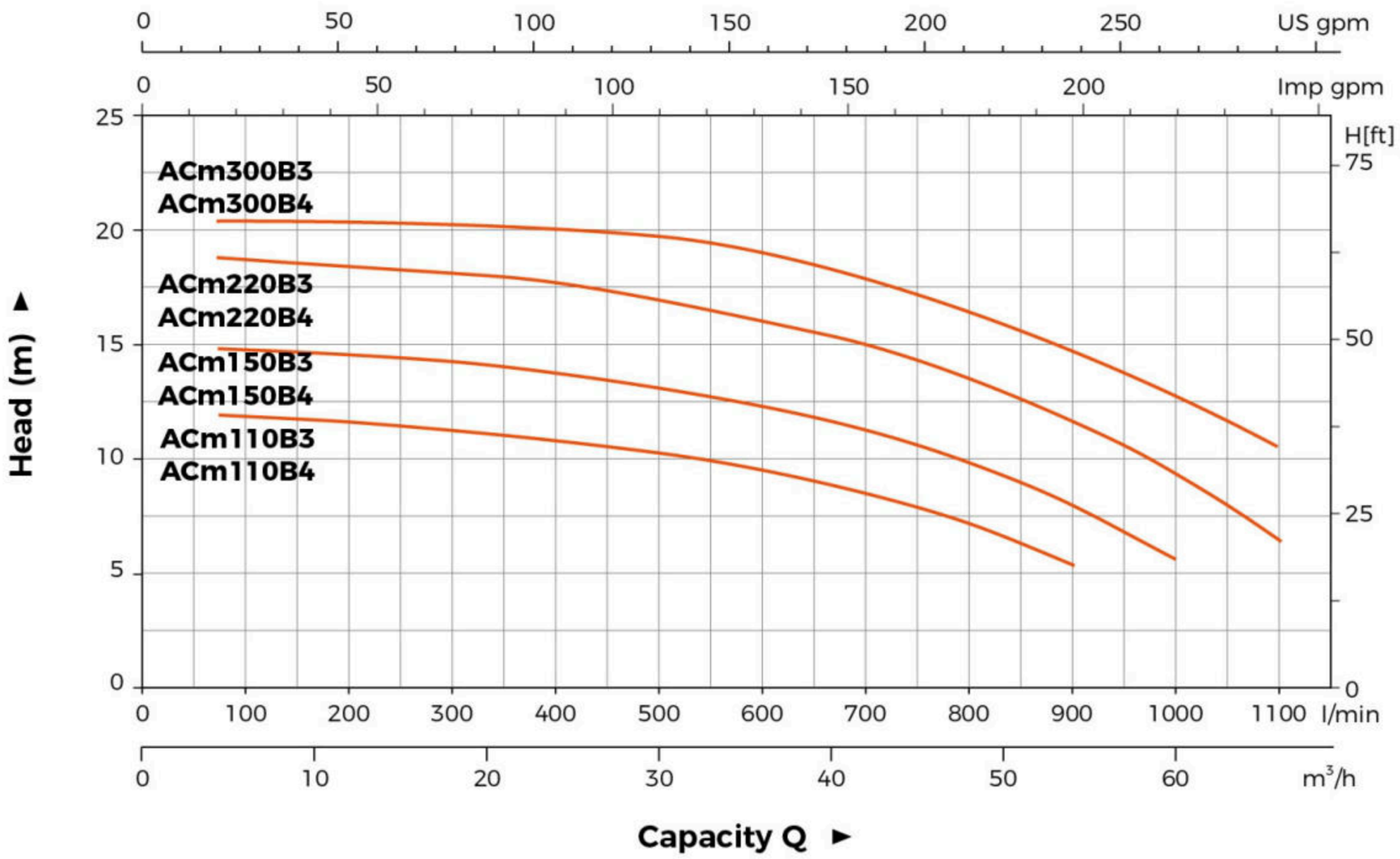
Model		Power		Q(m^3/h)	0	12	18	24	30	36	42	48	54	60	66	71
Single Phase	Three Phase	kW	HP	Q(l/min)	0	200	300	400	500	600	700	800	900	1000	1100	1200
ACm110B3	AC110B3	1.1	1.5	H (m)	12.5	12.5	12.1	11.5	10.5	9.5	8.4	7.1	5.5	-	-	-
ACm110B4	AC110B4	1.1	1.5		12.5	12.5	12.1	11.5	10.5	9.5	8.4	7.1	5.5	-	-	-
ACm150B3	AC150B3	1.5	2		14.5	14.3	14	13.5	12.8	12	11.2	9.9	8.4	6	-	-
ACm150B4	AC150B4	1.5	2		14.5	14.3	14	13.5	12.8	12	11.2	9.9	8.4	6	-	-
ACm220B3	AC220B3	2.2	3		17.5	17.3	17.1	16.5	16	15.2	14.2	13.2	11.7	10	7.2	-
ACm220B4	AC220B4	2.2	3		17.5	17.3	17.1	16.5	16	15.2	14.2	13.2	11.7	10	7.2	-
ACm300B3	AC300B3	3	4		20	19.8	19.6	19.5	19	18.3	17.5	16.2	14.6	13	11.5	10
ACm300B4	AC300B4	3	4		20	19.8	19.6	19.5	19	18.3	17.5	16.2	14.6	13	11.5	10



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
AC(m)110B3	G3	G3	385	230	296	69	180	120
AC(m)110B4	G4	G4	392	230	296	76	180	120
AC(m)150B3	G3	G3	385	230	296	69	180	120
AC(m)150B4	G4	G4	392	230	296	76	180	120
AC(m)220B3	G3	G3	455	230	296	69	180	120
AC(m)220B4	G4	G4	462	230	296	76	180	120
AC(m)300B3	G3	G3	455	230	296	69	180	120
AC(m)300B4	G4	G4	462	230	296	76	180	120

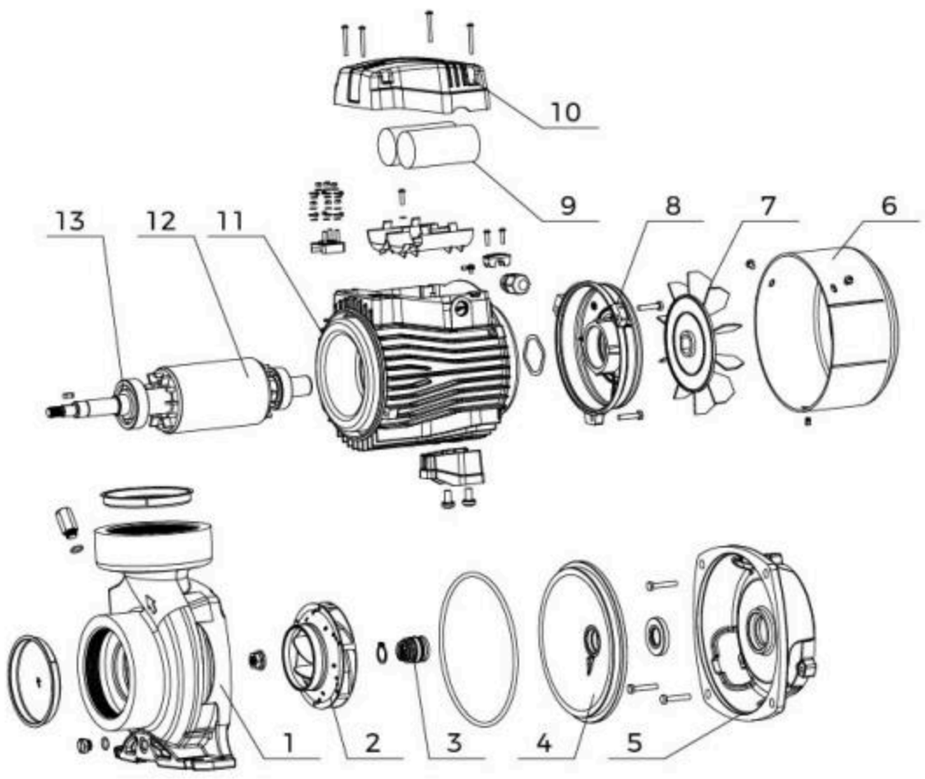
Hydraulic Performance Curves



Material Table

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

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



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AC(m)110B3	26.3	433	255	332	684
AC(m)110B4	29.5	433	255	332	675
AC(m)150B3	27.2	433	255	332	684
AC(m)150B4	30.4	433	255	332	655
AC(m)220B3	36.5	522	288	352	510
AC(m)220B4	40.8	522	288	352	496
AC(m)300B3	39.8	522	288	352	506
AC(m)300B4	43.3	522	288	352	467

