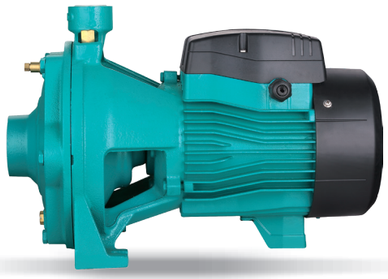
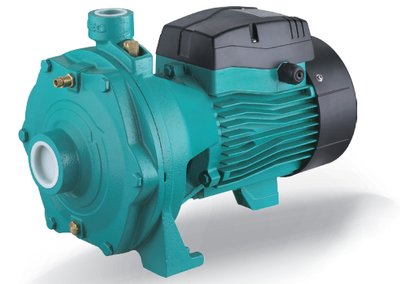




Application

- 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 controlling, 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: +40℃
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40℃

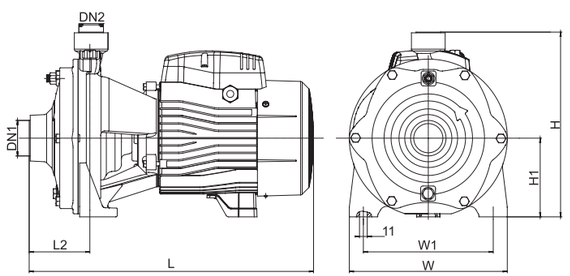
Identification Codes

2 A C m 150 (H)

- (H) — High Head
- 150 — Power (X 10 W)
- m — Single Phase Motor (Omitted for three-phase motor)
- C — Centrifugal Pump
- A — LEO Product Style
- 2 — Impeller Stage

Technical Data

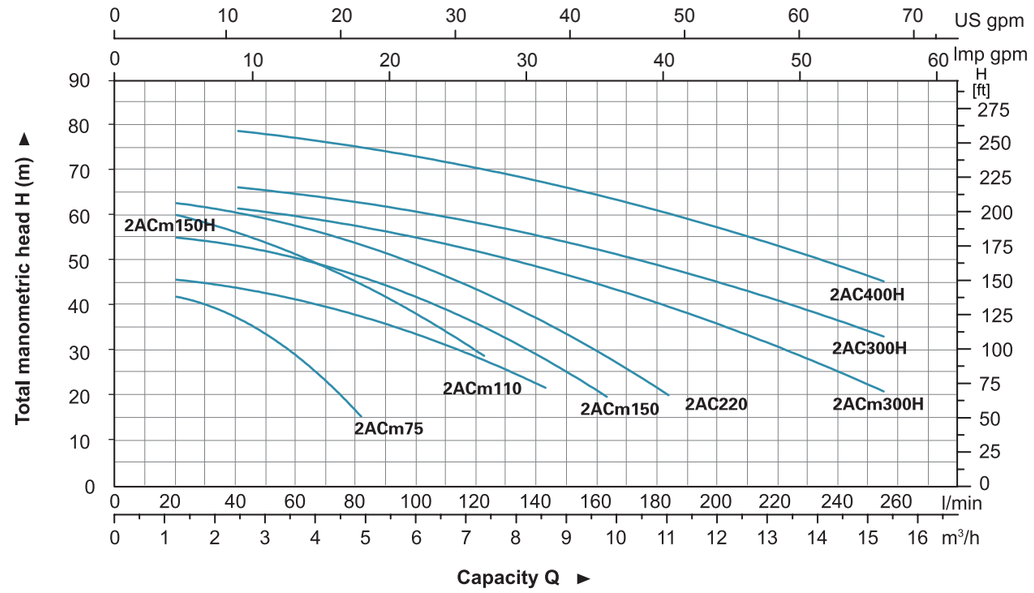
MODEL		POWER		Q (m^3/h)	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15
Single Phase	Three Phase	kW	HP	Q (l/min)	0	20	30	40	50	60	70	80	90	100	110	120	140	160	180	220	250
2ACm75	2AC75	0.75	1.0	H (m)	45	42.5	40	37	33.5	28.5	23	15	-	-	-	-	-	-	-	-	-
2ACm110	2AC110	1.1	1.5		47	46	45	44	43	41.5	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

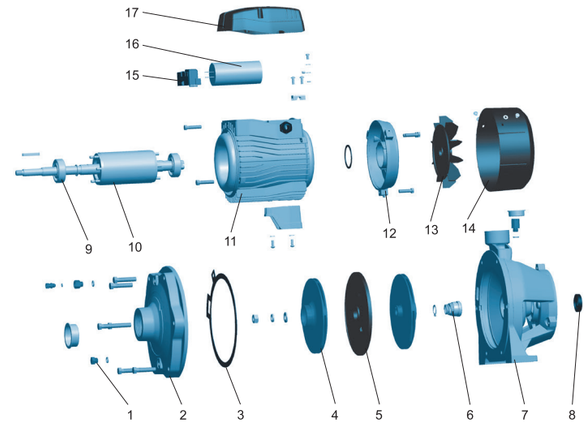
Model	DN1	DN2	L (mm)	L_1 (mm)	H (mm)	H_1 (mm)	W (mm)	W_1 (mm)
2ACm75	1 1/4"	1"	336	72	231	100	181	145
2ACm110	1 1/2"		379	71	225	93	200	162
2ACm150			400	80	262	112	225	185
2ACm150H								
2AC220								
2ACm300H		1 1/4"	480	63	311	132	281	234
2AC300H								
2AC400H								

Hydraulic Performance Curves



Materials Table

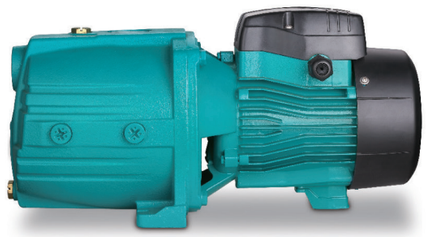
No.	Part	Material
1	Drain plug	HPb59-1
2	Pump body	HT200
3	Gasket	NBR
4	Impeller	AISI 304/Brass HT200
5	Bracket cover	HT200
6	Mechanical seal	Carbon/Ceramic
7	Support	HT200
8	Oil seal	
9	Bearing	
10	Rotor	
11	Stator	
12	Rear cover	ZL102
13	Fan	PP
14	Fan cover	PP
15	Terminal board	PC
16	Capacitor	
17	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
2ACm75	16.8	385	215	270	1190
2ACm110	21	430	235	275	833
2ACm150	27.5	445	255	300	636
2ACm150H	27.8	440	254	299	636
2AC220	27.5	445	255	300	629
2ACm300H	51.9	542	330	346	337
2AC300H	51.5	542	330	346	340
2AC400H	52.4	542	330	346	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 temperature: +40℃
- Max. suction: +8 m
- Self-priming

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient Temperature: +40℃

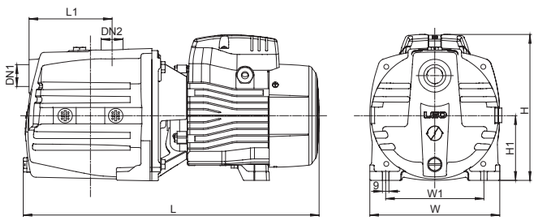
Identification Codes

3 A C m 45

- 45 — Power (X 10 W)
- m — Single Phase Motor (Omitted for three-phase motor)
- C — Centrifugal Pump
- A — LEO Product Style
- 3 — Impeller Stage

Technical Data

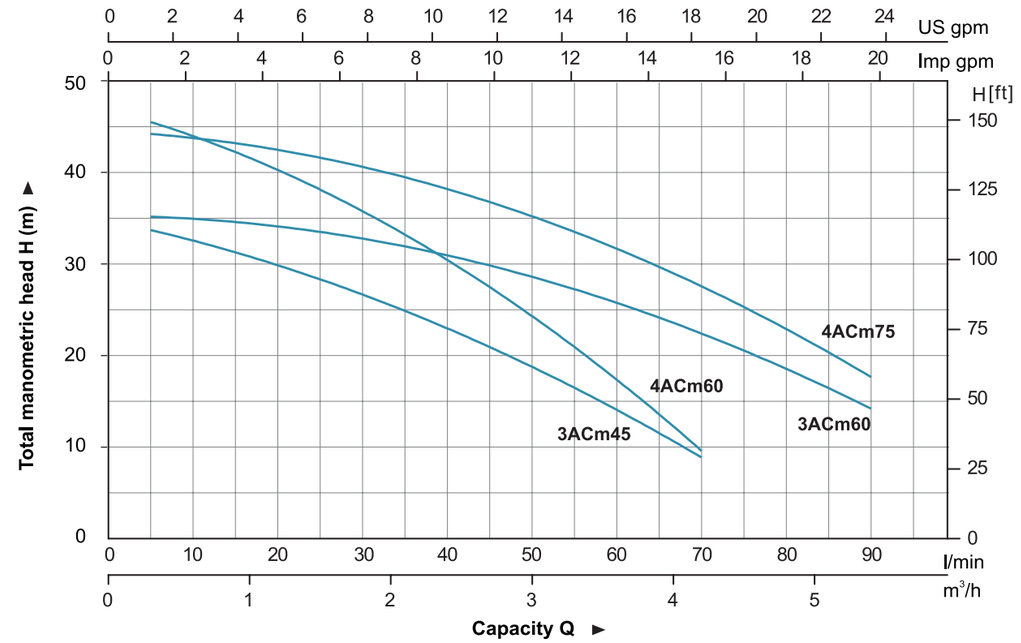
MODEL		POWER		Q (m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.4	3.0	3.6	4.2	4.8	5.4
Single Phase	Three Phase	kW	HP	Q (l/min)	0	5	10	15	20	25	30	40	50	60	70	80	90
3ACm45	——	0.45	0.6	H (m)	35	33.5	32.5	31.5	30	28.5	26.5	23	18.5	14	9	-	-
4ACm60	——	0.6	0.85		46.5	45	44	42.5	40.5	38.5	36	30	24	17	10	-	-
3ACm60	——	0.6	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

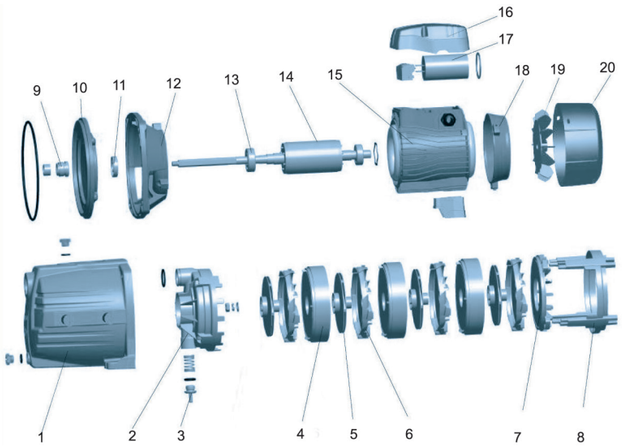
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L_1 (mm)	W_1 (mm)	H_1 (mm)
3ACm45	1"	1"	368	180	183	90	136	90
4ACm60			405	180	183	115	136	90
3ACm60			485	180	202	90	136	90
4ACm75			510	180	202	115	136	90

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Pump cover	PPO
3	Return valve	PPO
4	Diffuser 1	PPO
5	Impeller	PPO
6	Diffuser 2	PPO
7	Diffuser holder	PPO
8	Support frame	PPO
9	Mechanical seal	Carbon/Ceramic
10	Bracket cover	HT200
11	Oil seal	
12	Support	ZL102
13	Bearing	
14	Rotor	
15	Stator	
16	Terminal box	ABS
17	Capacitor	
18	Rear cover	ZL102
19	Fan	PP
20	Fan cover	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
3ACm45	13.2	410	200	210	1515
4ACm60	16	460	200	230	1233
3ACm60	15.3	435	200	230	1305
4ACm75	17	460	200	230	1176