



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.

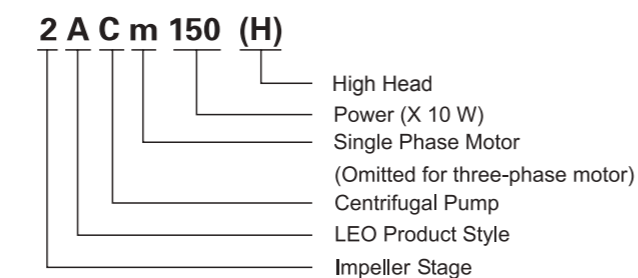
Pump

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

Motor

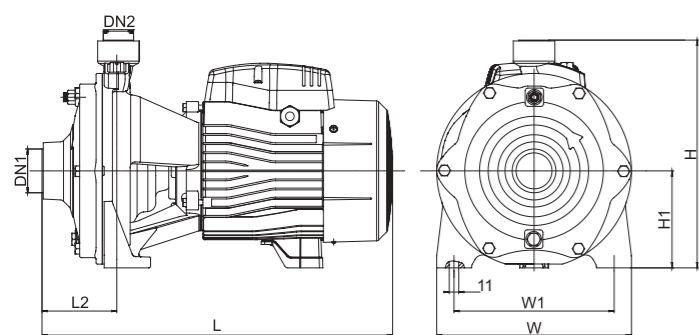
- Low noise&Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes



Technical Data

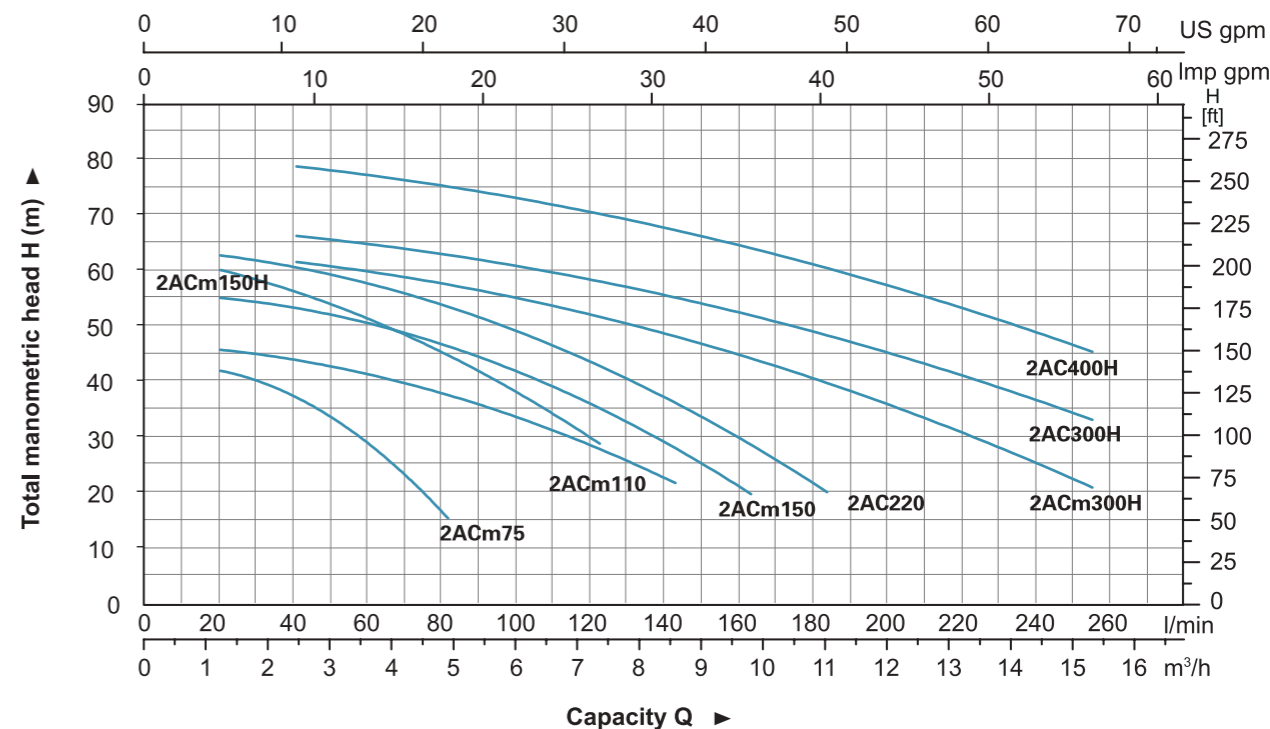
MODEL		POWER		Q (m³/h)		Q (l/min)																		
Single Phase	Three Phase	kW	HP	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15				
				H (m)																				
				0	20	30	40	50	60	70	80	90	100	110	120	140	160	180	220	250				
2ACm75	2AC75	0.75	1.0	45	42.5	40	37	33.5	28.5	23	15	-	-	-	-	-	-	-	-	-	-			
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

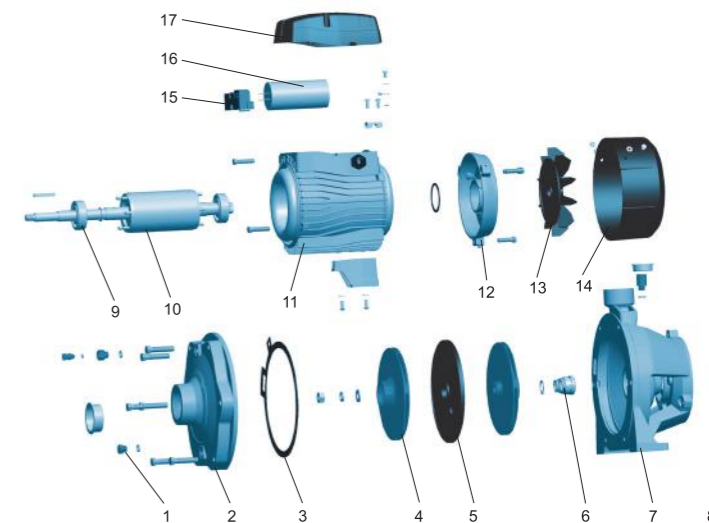
Model	DN1	DN2	L (mm)	L ₁ (mm)	H (mm)	H ₁ (mm)	W (mm)	W ₁ (mm)
2ACm75	1 1/4"	1"	336	72	231	100	181	145
2ACm110	379		71	225	93	200	162	
2ACm150	400		80	262	112	225	185	
2ACm150H	1 1/2"	1"	480	63	311	132	281	234
2AC220								
2ACm300H	1 1/4"	1"	480	63	311	132	281	234
2AC300H								
2AC400H								

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	PA6-GF25



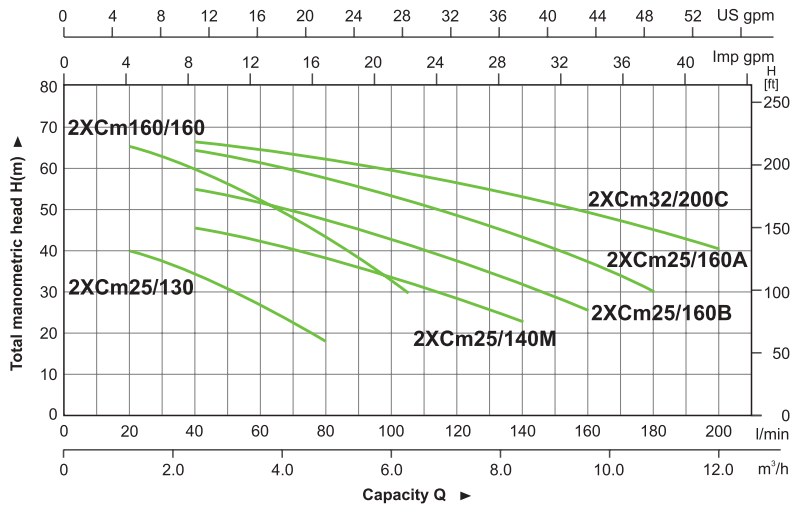
Package Information

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





HYDRAULIC PERFORMANCE CURVE



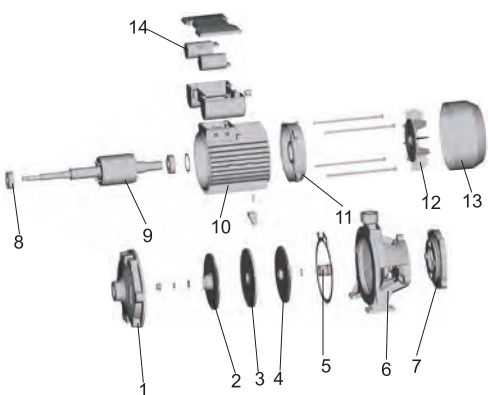
PUMP

- Multistage centrifugal pump
- Liquid pumped up to 60
- Clean water with little impurities, non-corrosive liquid

MOTOR

- Single phase/Three-phase, 50Hz/60Hz
- Insulation class:B
- Protection class:IPX4
- Liquid pumped up to 40
- With thermal overload protection
- Copper winding

MODEL	POWER		INLET/OUTLET	MAX.FLOW (L/min)	MAX.HEAD (m)	MAX.SUCT (m)
	(kW)	(HP)				
2XCm25/130	0.75	1.0	1 1/4" × 1"	90	44	8
2XCm25/140M	1.5	2.0	1 1/2" × 1"	160	47	8
2XCm160/160	1.5	2.0	1 1/4" × 1"	125	66	8
2XCm25/160B	1.5	2.0	1 1/2" × 1"	180	58	8
2XCm25/160A	2.2	3.0	1 1/2" × 1"	200	68	8
2XCm32/200C	3.0	4.0	1 1/2" × 1 1/4"	250	70	8



Part	
1	Pump body
2	Impeller
3	Eliminator
4	Impeller
5	Mechanical seal
6	Support
7	Front cover
8	Bearing
9	Rotor
10	Stator
11	End plate
12	Fan
13	Fan cover
14	Capacitor