ACm

Stainless Steel 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: +60°C
- 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℃
- IE 2 motor (Three phase, power ≥ 0.75kW)

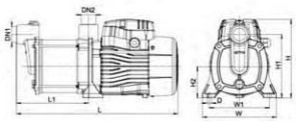
Identification Codes

3 A C m 100 S

- S — Stainless Steel Barrel
- 100 — Impeller Nominal Diameter (mm)
- m — Single Phase Motor (Omitted for three-phase motor)
- C — Centrifugal Pump
- A — LEO Product Style
- 3 — Impeller Stage

Technical Data

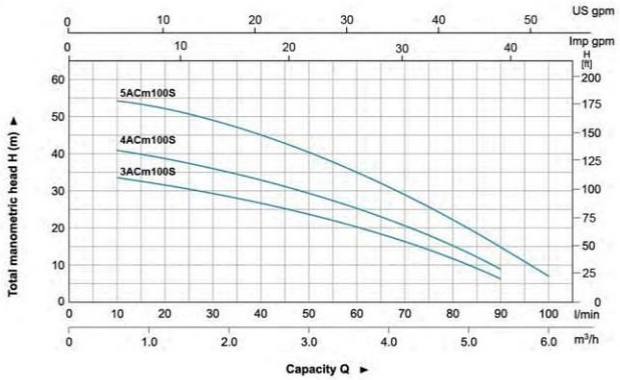
Model		POWER		Q (m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
Single Phase	Three Phase	kW	HP	Q (l/min)	0	10	20	30	40	50	60	70	80	90	100
3ACm100S	3AC100S	0.6	0.8		35	33.5	31.5	29	26.5	24	20.5	16	12	7	-
4ACm100S	4AC100S	0.75	1	H (m)	45	41	38.5	36	33	30	25.5	21	15	9	-
5ACm100S	5AC100S	0.9	1.2		55	54	52	49	45	40	35	29	22.5	15	8



Dimension

Model	DN1	DN2	L (mm)	L1 (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	H2 (mm)	D (mm)
3ACm100S	1"	1"	384	172	176	140	187	151	75	10
4ACm100S			408	196						
5ACm100S			432	220						

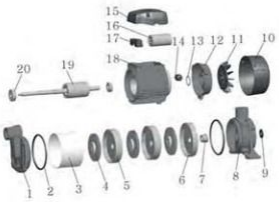
Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Seal washer	NBR
3	Pump barrel	AISI304
4	Impeller	PPO
5	Drain cover	PPO
6	Diffuser	PPO
7	Mechanical seal	Carbon/Ceramic
8	Support	HT200
9	Water proof gland	NBR
10	Fan cover	PP
11	Fan	PP
12	Rear cover	ZL102
13	Spring washer	65Mn

No.	Part	Material
14	Cable holder	
15	Capacitor box	
16	Capacitor	
17	Terminal board	
18	Stator	
19	Rotor	
20	Bearing	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
3ACm100S	12.5	405	210	230	1359
4ACm100S	13.5	430	210	230	1215
5ACm100S	14.5	455	210	230	1188