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 temperture: +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 temperture: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW)

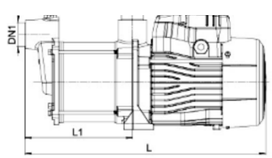
Identification Codes

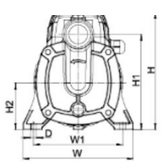
3 A C m 100 S

- 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(m^3/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
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	H (m)	35	33.5	31.5	29	26.5	24	20.5	16	12	7	-
4ACm100S	4AC100S	0.75	1		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

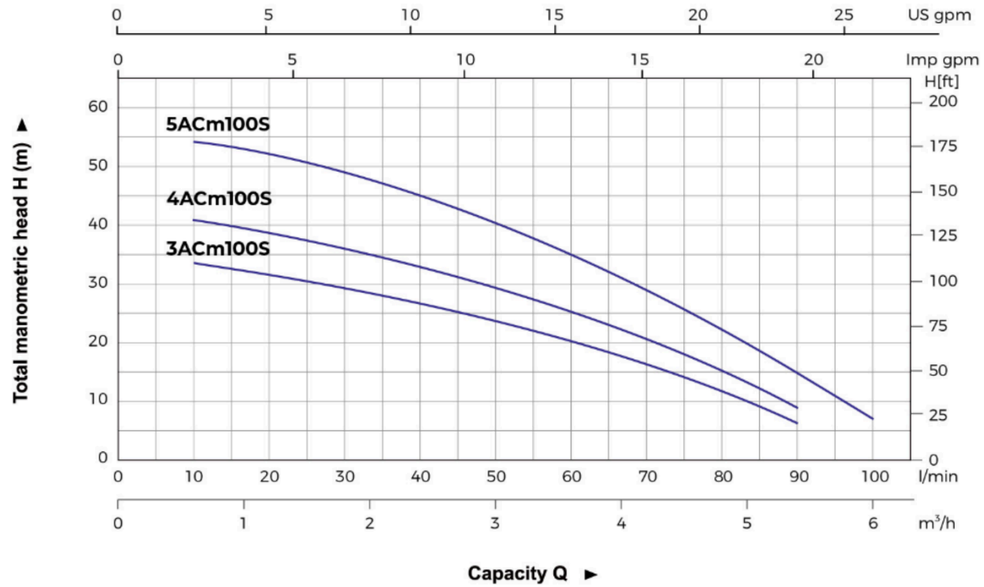




Dimension

Model	DN1	DN2	L (mm)	L1 (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	H2 (mm)	D (mm)
3AC(m)100S	1"	1"	384	172	176	140	187	151	75	10
4AC(m)100S			408	196						
5AC(m)100S			432	220						

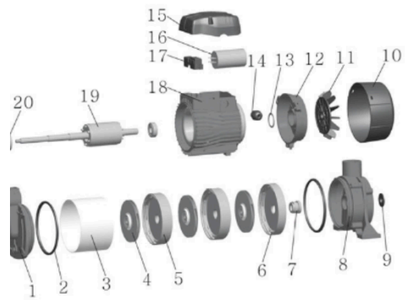
Hydraulic Performance Curves



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

No.	Part	Material
13	Spring washer	65Mn
14	Cable holder	
15	Capacitor box	PA6-GF25
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)
3AC(m)100S	12.5	405	210	230	1359
4AC(m)100S	13.5	430	210	230	1215
5AC(m)100S	14.5	455	210	230	1188

