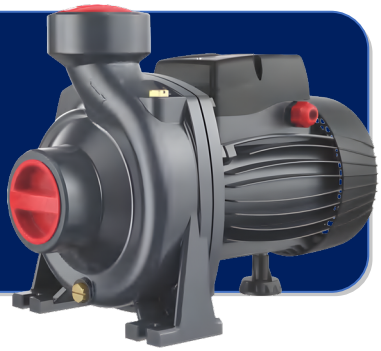
CENTRIFUGAL PUMPS “ACm/5A/5B/5C”



TECHNICAL FEATURES

- Suitable for clean water and liquids that are not chemically aggressive to the pump materials.
- Reliable and easy to use: widely used in domestic and civil applications such as water distribution with small and medium-sized pressure sets, liquid transfer, and the irrigation of gardens and allotments.
- Install in an enclosed area, or at least sheltered from bad weather.



HBCm/5A/5B/5C (on request)



ACm/5A/5B/5C

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

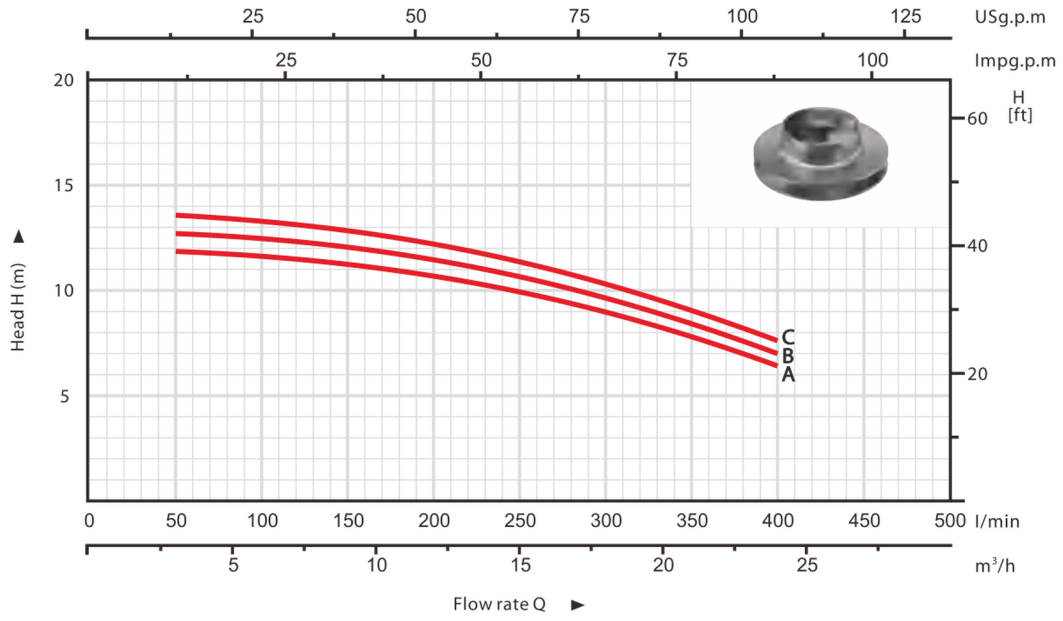
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Pump support	Aluminium
Motor housing	Aluminium
Impeller	AISI 304 SS
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite

CENTRIFUGAL PUMPS “ACm/5A/5B/5C”

PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	3	6	9	12	15	18	21	24
				Q (l/min)	0	50	100	150	200	250	300	350	400
A	ACm/5C	0.55	0.75	H (m)	12	11.8	11.5	11.2	10.7	10	9	7.8	6.5
B	ACm/5B	0.75	1	H (m)	13	12.7	12.3	12	11.5	10.8	9.8	8.5	7
C	ACm/5A	0.9	1.2	H (m)	14	13.6	13.2	12.8	12.2	11.5	10.5	9.2	7.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	ACm/5C	2" × 2"	12.5	360 × 215 × 280
B	ACm/5B	2" × 2"	13.1	360 × 215 × 280
C	ACm/5A	2" × 2"	13.5	360 × 215 × 280

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.