CENTRIFUGAL PUMPS “ACQm-P”



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.



HBCQm-P (on request)



ACQm-P

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, 110 V or 220 V / 60 Hz
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

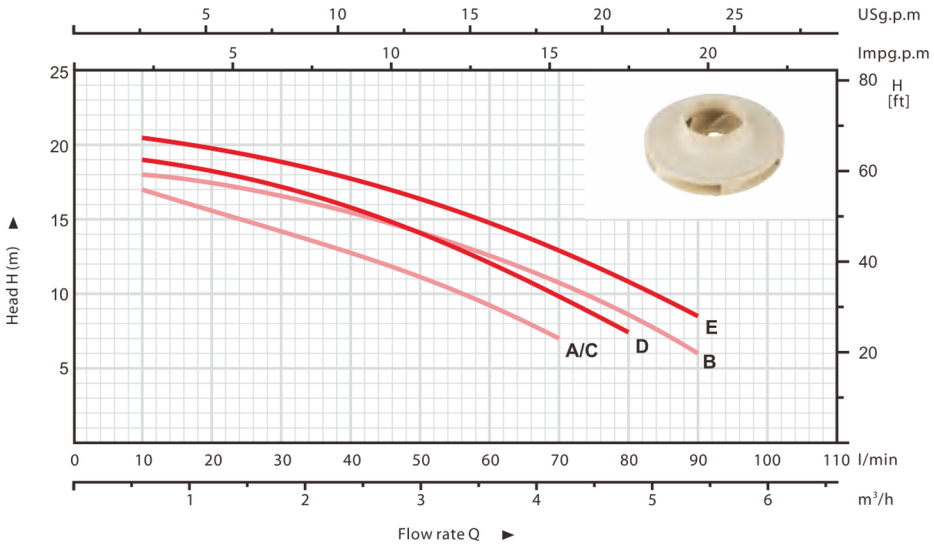
- Liquid temperature up to 40 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

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

CENTRIFUGAL PUMPS “ACQm-P”

PERFORMANCE CHART



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
				Q (l/min)	0	10	20	30	40	50	60	70	80	90
A	ACQm25P (50Hz)	0.18	0.25	H (m)	18	17	15.8	14.5	13	11.2	9.3	7		
B	ACQm33P (50Hz)	0.25	0.33	H (m)	18.5	18	17.3	16.5	15.5	14.2	12.5	10.5	8.5	6
C	ACQm25P (60Hz)	0.18	0.25	H (m)	18	17	15.8	14.5	13	11.2	9.3	7		
D	ACQm33P (60Hz)	0.25	0.33	H (m)	20	19	17.8	16.5	15	13.5	11.7	9.7	7.5	
E	ACQm50P (60Hz)	0.37	0.5	H (m)	21	20.5	19.8	18.8	17.5	16.2	14.5	12.8	10.8	8.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	ACQm25P (50Hz)	1" × 1"	4.2	295 × 190 × 220
B	ACQm33P (50Hz)	1" × 1"	4.6	295 × 190 × 220
C	ACQm25P (60Hz)	1" × 1"	3.8	295 × 190 × 220
D	ACQm33P (60Hz)	1" × 1"	4.3	295 × 190 × 220
E	ACQm50P (60Hz)	1" × 1"	5.2	295 × 190 × 220

Performance values at n = 2850 rpm; 50 Hz and 60 Hz models as listed. Specifications are subject to change without notice.