CENTRIFUGAL PUMPS “AMCm”



TECHNICAL FEATURES

- For transferring clean water or other liquids with physical and chemical properties similar to water; ideal for housing, commercial premises, irrigation systems, equipment supply and pressure boosting.



AMCm-1HP/1.5HP



AMCm-2HP

MOTOR

- Two-pole induction motor (n = 3450 rpm)
- Insulation class F; protection IP23
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 115 V / 230 V / 60 Hz

WORKING CONDITION

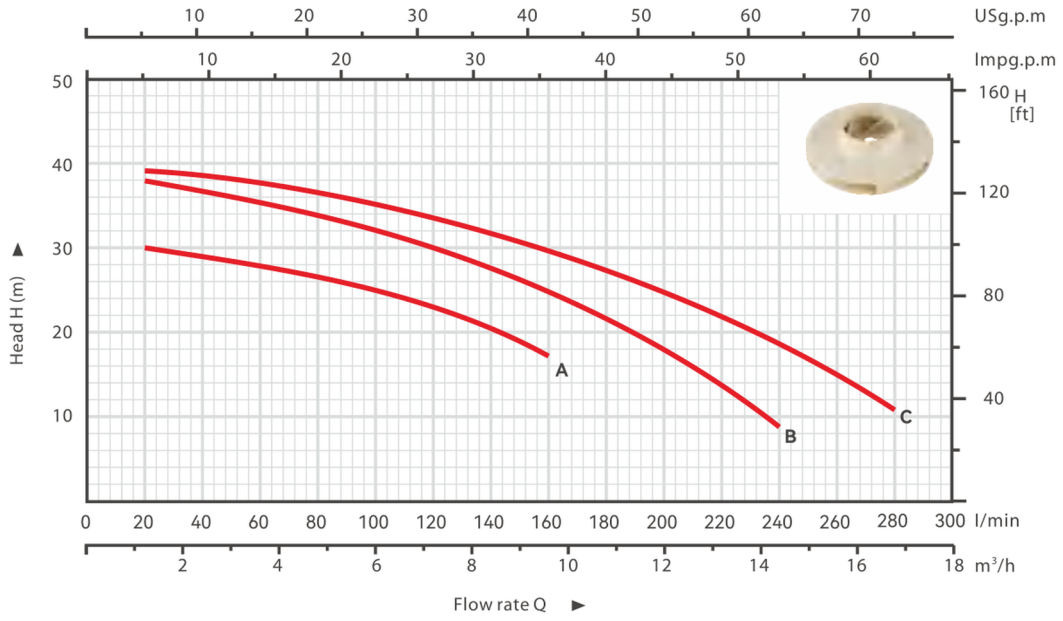
- Liquid temperature up to 40 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

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

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PERFORMANCE CHART AT n = 3450 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8
				Q (l/min)	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280
A	AMCm-1HP	0.75	1	H (m)	31	30	29	27.8	26.3	24.3	22.3	20.2	17.8						
B	AMCm-1.5HP	1.1	1.5	H (m)	38	37	35.8	34.7	33.5	32	30	27.8	25	21.8	18	13.5	9		
C	AMCm-2HP	1.5	2	H (m)	39	38.8	38.3	37.8	37	35.8	34.5	32.5	30.5	28	25	22	18.5	14.5	10.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	AMCm-1HP	1¼" × 1"	15.9	430 × 235 × 315
B	AMCm-1.5HP	1½" × 1¼"	17.3	430 × 235 × 315
C	AMCm-2HP	1½" × 1¼"	18.4	440 × 260 × 315

Performance values at n = 3450 rpm, 60 Hz. Specifications are subject to change without notice.