CENTRIFUGAL PUMPS “AGm”



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.



HBGm (on request)



AGm

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

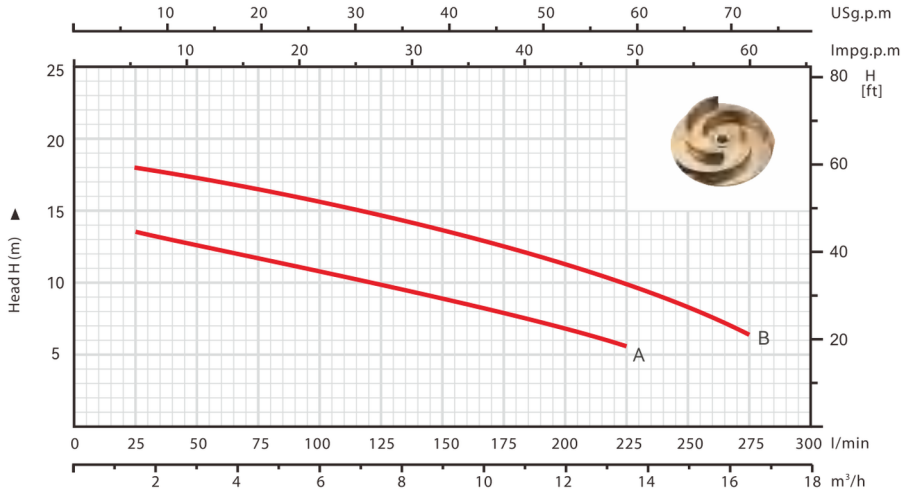
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

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MATERIALS

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

PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5
				Q (l/min)	0	25	50	75	100	125	150	175	200	225	250	275
A	AGm/1B	0.55	0.75	H (m)	14.5	13.5	12.5	11.7	11	10	9	8	7	5.5		
B	AGm/1A	0.75	1	H (m)	19	18	17.2	16.4	15.5	14.5	13.5	12.5	11.5	10	8.5	6.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	AGm/1B	1½" × 1½"	11.5	350 × 215 × 280
B	AGm/1A	1½" × 1½"	12.7	350 × 215 × 280

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