CENTRIFUGAL PUMPS “HGAm”



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.

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

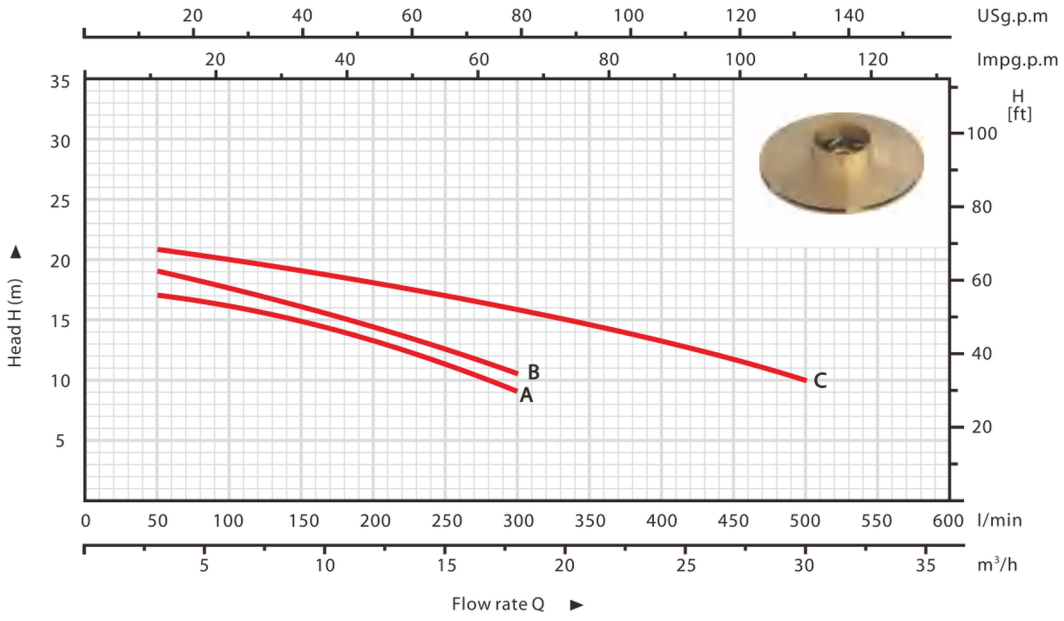
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

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

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PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	3	6	9	12	15	18	21	24	27	30
				Q (l/min)	0	50	100	150	200	250	300	350	400	450	500
A	HGAm-70	0.75	1	H (m)	18	17	16	15	13.5	11.5	9				
B	HGAm-75	1.1	1.5	H (m)	20	19	17.5	16	14.5	12.5	10.5				
C	HGAm-80	1.5	2	H (m)	22	21	20	19	18	17	16	15	13.5	12	10

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HGAm-70	1½" × 1½"	14.5	340 × 220 × 270
B	HGAm-75	1½" × 1½"	16.7	340 × 220 × 270
C	HGAm-80	2" × 2"	21.5	430 × 265 × 295

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