MULTISTAGE PUMPS “HMC-IA”



TECHNICAL FEATURES

- Suitable for clean water, even where air is present, and for liquids that are not chemically aggressive to the pump materials.
- Designed to pump water even where air is present.
- Quiet, reliable and energy-efficient: recommended for domestic and civil applications such as pressure sets, rainwater recovery and irrigation systems.
- 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)

WORKING CONDITION

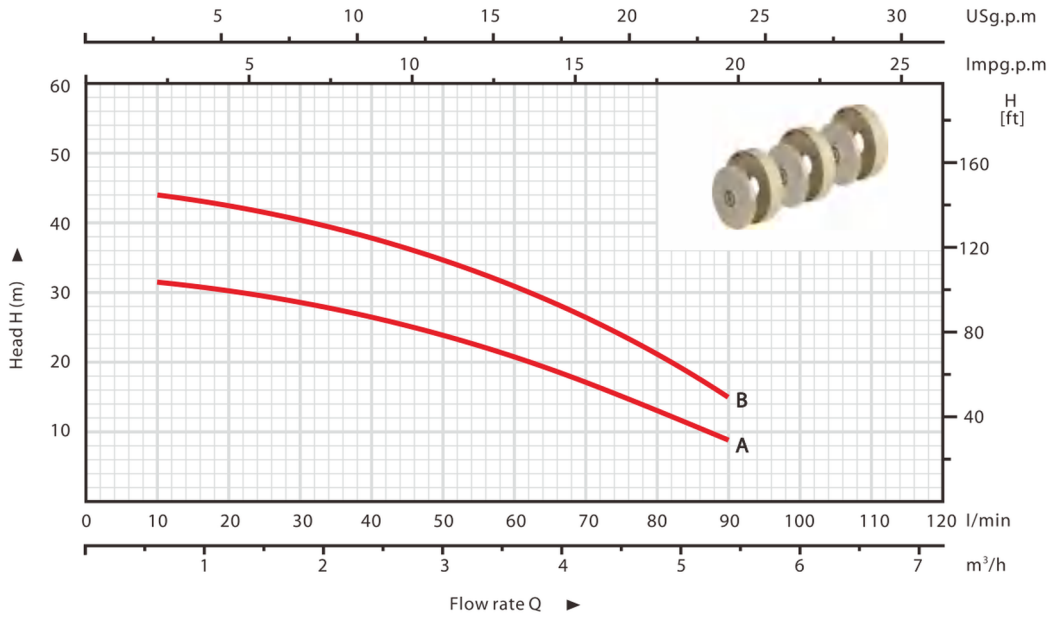
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

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

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PERFORMANCE CHART AT n = 2850 RPM



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	HMC-3IA	0.37	0.5	H (m)	32	31.5	30.5	29	27	24.5	21.5	18	14	9
B	HMC-4IA	0.75	1	H (m)	45	44	42	40	37.5	34.5	31	26.5	21	15

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HMC-3IA	1" × 1"	8.5	405 × 245 × 325
B	HMC-4IA	1" × 1"	12	440 × 265 × 360

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