HORIZONTAL MULTISTAGE PUMPS “HMC15-M”



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 pressurisation and water distribution with 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)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

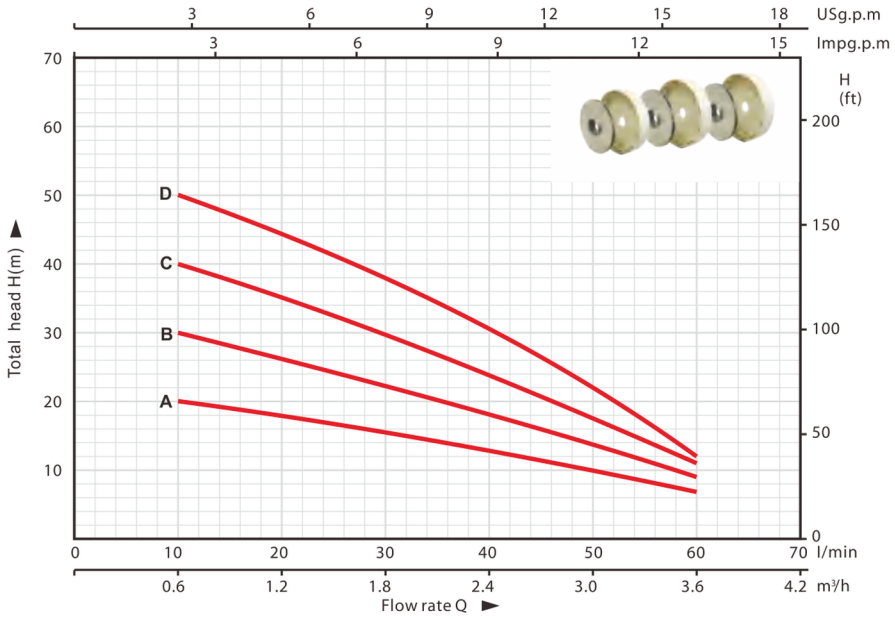
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron + Stainless steel
Pump support	Cast iron
Motor housing	Aluminium
Impeller	AISI 304 SS
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
				Q (l/min)	0	10	20	30	40	50	60
A	HMC15-2M	0.25	0.34	H (m)	22	20	18	16	13	10	7
B	HMC15-3M	0.37	0.5	H (m)	33	30	26	22	18	14	9
C	HMC15-4M	0.55	0.75	H (m)	44	40	35	30	24	18	11
D	HMC15-5M	0.75	1	H (m)	55	50	44	38	31	22	12

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HMC15-2M	1" × 1"	8.1	413 × 165 × 210
B	HMC15-3M	1" × 1"	8.8	437 × 165 × 210
C	HMC15-4M	1" × 1"	9.4	461 × 165 × 210
D	HMC15-5M	1" × 1"	9.9	485 × 165 × 210

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