SELF-PRIMING JET PUMPS “HJ”



TECHNICAL FEATURES

- Suitable for clean water and liquids that are not chemically aggressive to the pump materials.
- Self-priming jet pump designed to pump water even where air is present.
- Reliable and easy to use: recommended for domestic applications such as water distribution with small or medium-sized pressure sets 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

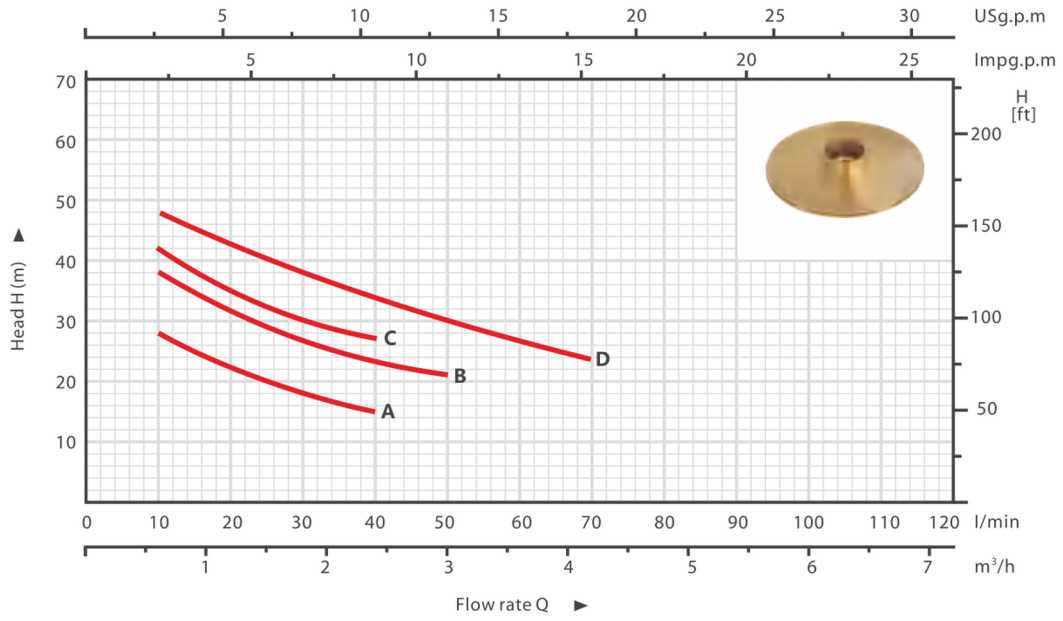
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 9 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Pump support	Cast iron
Motor housing	Aluminium
Impeller	Brass
Diffuser	Techno-polymer
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	0.6	1.2	1.8	2.4	3	3.6	4.2
				Q (l/min)	0	10	20	30	40	50	60	70
A	HJ-6M	0.37	0.5	H (m)	35	28	22	18	15			
B	HJ-10M	0.75	1	H (m)	43	38	31.5	27	23.5	21		
C	HJ-10H	0.75	1	H (m)	51	42	35	30	27			
D	HJ-15M	1.1	1.5	H (m)	52	48	42.5	38	34	30	27	23.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HJ-6M	1" × 1"	8.5	380 × 180 × 200
B	HJ-10M	1" × 1"	14	435 × 205 × 235
C	HJ-10H	1" × 1"	14	435 × 205 × 235
D	HJ-15M	1" × 1"	15.5	445 × 205 × 235

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