SELF-PRIMING JET PUMPS “HKJm”



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.



HKJm-B/C



HKJm-M/H

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

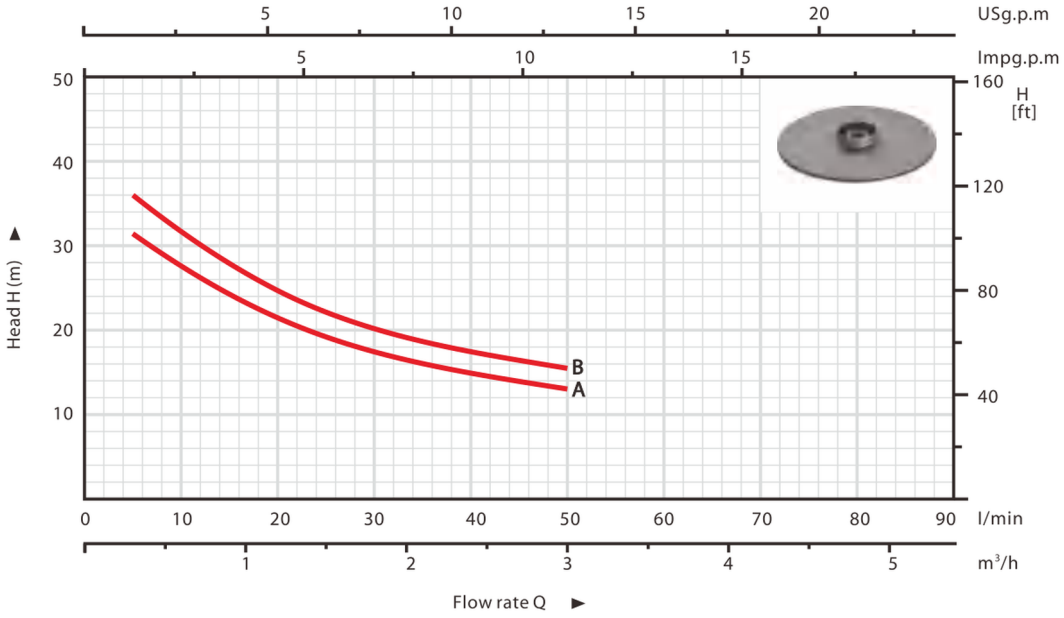
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 9 m

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MATERIALS

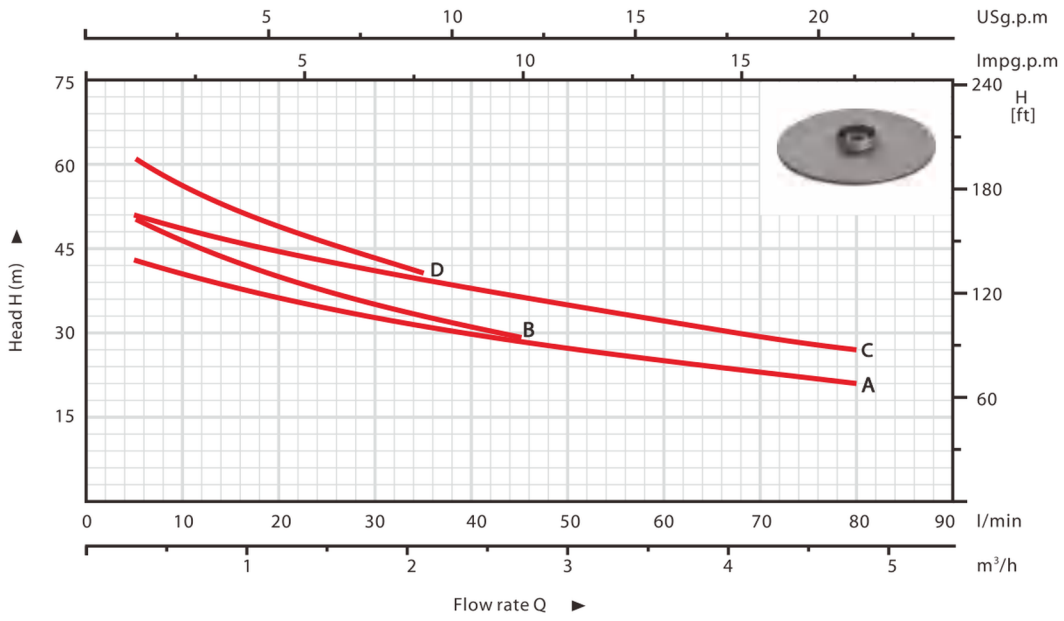
COMPONENT	CONSTRUCTION
Pump body	Cast iron
Pump support	Aluminium
Motor housing	Aluminium
Impeller	AISI 304 SS
Diffuser	Techno-polymer
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite

PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
				Q (l/min)	0	5	10	15	20	25	30	35	40	45	50
A	HKJm-1C	0.37	0.5	H (m)	36	31.5	27.5	24	21	19	17.3	16	15	14	13
B	HKJm-1B	0.55	0.75	H (m)	41	36	31.5	28	25	22	20	18.5	17.5	16.5	15.5

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NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4.2	4.8
				Q (l/min)	0	5	10	15	20	25	30	35	40	45	50	60	70	80
A	HKJm-10M	0.75	1	H (m)	46	43	40.5	38.3	36.2	34.8	33.3	31.8	30.5	29	27.5	25	23	21
B	HKJm-10H	0.75	1	H (m)	56	50.5	46	43	40	37.5	35	33	31	29	27			
C	HKJm-15M	1.1	1.5	H (m)	54	51	48.5	46.5	44.5	42.5	41	39.5	38	36.5	35	32	29	27
D	HKJm-15H	1.1	1.5	H (m)	66	61	56.5	52.5	49	46	43.5	41	38	35.5	34			

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HKJm-1C	1" × 1"	9.1	370 × 170 × 195
B	HKJm-1B	1" × 1"	9.7	370 × 170 × 195
A	HKJm-10M	1" × 1"	14.4	415 × 195 × 235
B	HKJm-10H	1" × 1"	14.4	415 × 195 × 235
C	HKJm-15M	1" × 1"	15.5	415 × 195 × 235
D	HKJm-15H	1" × 1"	15.5	415 × 195 × 235

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