SELF-PRIMING JET PUMPS “JSP”



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

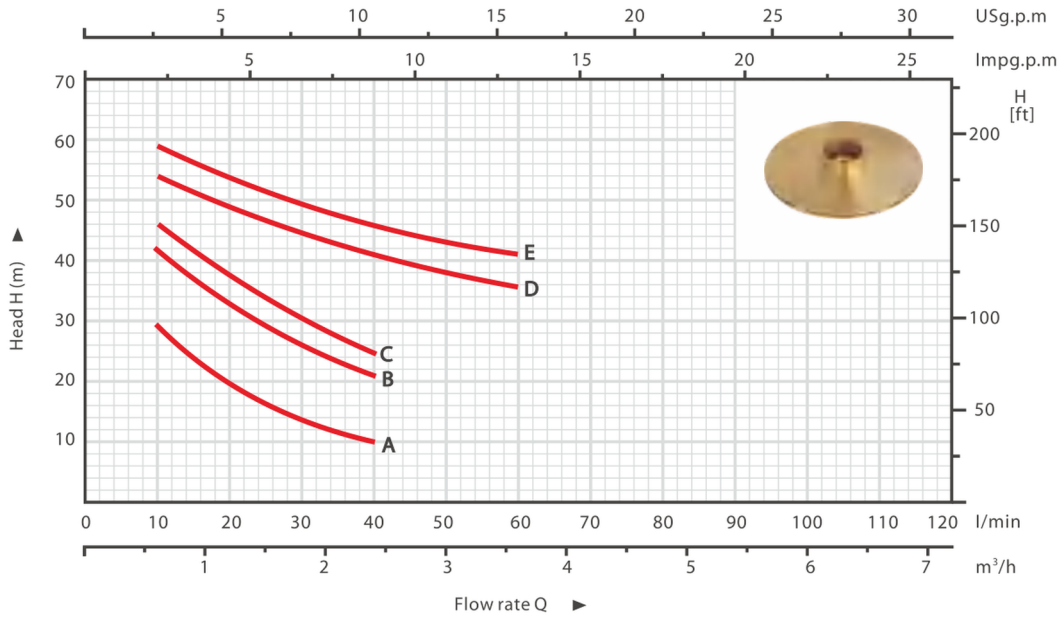
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 9 m

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	3.0	3.6
				Q (l/min)	0	10	20	30	40	50	60
A	JSP-60	0.37	0.5	H (m)	35	29	20	13	10		
B	JSP-80	0.55	0.75	H (m)	48	42	33	25.5	21		
C	JSP-100	0.75	1	H (m)	53	46	38	30	24.5		
D	JSP-150	1.1	1.5	H (m)	61	54	49	44.5	41	38	35.5
E	JSP-200	1.5	2	H (m)	65	59	53.5	49.5	46	43	41

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	JSP-60	1" × 1"	13	455 × 215 × 235
B	JSP-80	1" × 1"	14	455 × 215 × 235
C	JSP-100	1" × 1"	15	455 × 215 × 235
D	JSP-150	1¼" × 1"	23.2	570 × 245 × 275
E	JSP-200	1¼" × 1"	24.2	570 × 245 × 275

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