

JSP

Self-priming Jet pumps



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Application

Suitable for use with **clean water** and liquids that are not chemically aggressive towards the materials from which the pump is made.

The self-priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, they are recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- Three-phase 380V/50Hz, 60Hz if request

Operating conditions

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

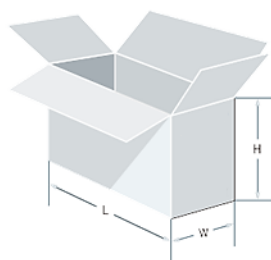
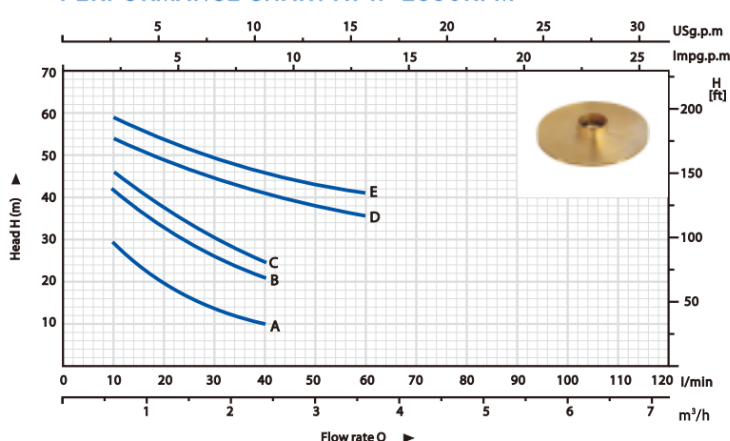
Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Diffuser: Noryl
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite

Construction

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	JSP-60	1"×1"	13	460×210×230
B	JSP-80	1"×1"	14	460×210×230
C	JSP-100	1"×1"	15	460×210×230
D	JSP-150	1¼"×1"	25	520×235×270
E	JSP-200	1¼"×1"	26	520×235×270

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6
		kW	HP								
A	JSP-60	0.37	0.5	H	35	29	20	13	10		
B	JSP-80	0.55	0.75		48	42	33	25.5	21		
C	JSP-100	0.75	1		53	46	38	30	24.5		
D	JSP-150	1.1	1.5		61	54	49	44.5	41	38	35.5
E	JSP-200	1.5	2		65	59	53.5	49.5	46	43	41

EXPLODE DRAWING

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