



### 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, and 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 rp.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

#### Component

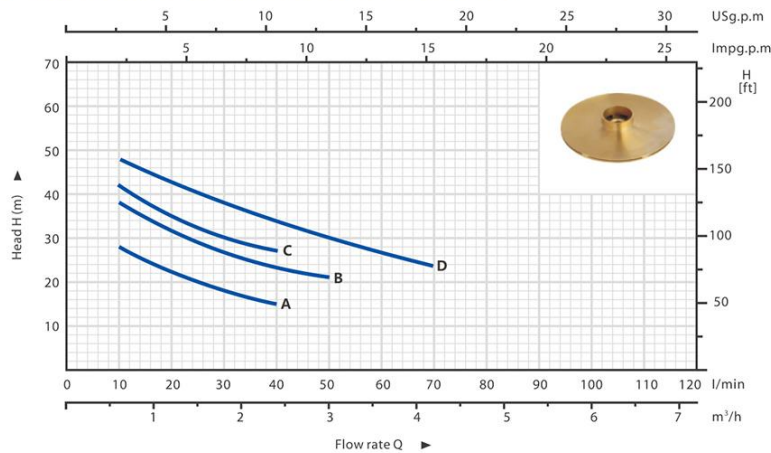
- ※ **Pump body:** Cast iron
- ※ **Pump support:** Cast iron
- ※ **Motor housing:** Aluminum
- ※ **Impeller:** Brass
- ※ **Diffuser:** Techno-polymer
- ※ **Motor shaft:** Carbon steel, AISI304 SS if request
- ※ **Mechanical seal:** Ceramic/Graphite

#### Construction

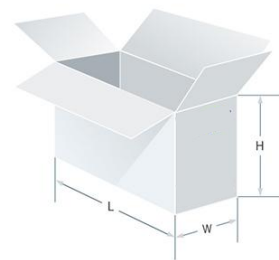
#### Operating conditions

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

### PERFORMANCE CHART AT n=2850RPM



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



NO.	MODEL	POWER		Q(m³/h)	Flow rate Q (l/min)											
		kW	HP		0	0.6	1.2	1.8	2.4	3	3.6	4.2				
A	<b>HJ-6M</b>	0.37	0.5	H	0	10	20	30	40	50	60	70				
B	<b>HJ-10M</b>	0.75	1		35	28	22	18	15							
C	<b>HJ-10H</b>	0.75	1		43	38	31.5	27	23.5	21						
D	<b>HJ-15M</b>	1.1	1.5		51	42	35	30	27							
					52	48	42.5	38	34	30	27	23.5				

### EXPLODE DRAWING

