

Self Priming Jet Pumps

Specification

Power	: JB 0.37 - 1.1kW
Speed	: 2900 rpm
Protection	: IP 54 / IP 44
Insulation Class	: "B"
Versions	1Ph - 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph - 380 - 415V, 50Hz
Direction of Rotation	: Clockwise Viewed from Driving end
Duty	: S1 (Continuous).
Inlet & Outlet Size	: 1" X 1", 1¼ X 1" (BSP)

Applications

Residential	Pressure Boosting Units
Irrigation	Industrial Water Supply
Small Farms	Food Processing Industries
	Washing Systems

Materials of Construction

Pump Casing	: Cast Iron
Motor Body	: Aluminium
Impeller	: Brass
Shaft	: SS 304
Mechanical Seal	: Carbon & Ceramic

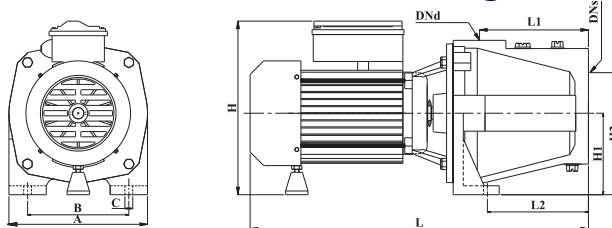
Operating Conditions

Head Max	: 48.5m
Suction Lift	: 7m (Max)
Max. Liquid Temperature	: +5°C ~ +60°C
Ambient Temperature	: 50° (Max)

Performance Table

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h						
	kW	HP		lps	0	0.3	0.6	0.8	1.1	1.4
				m³/h	0	1	2	3	4	5
JB - 2/03S	0.37	0.5	1 x 1	Total Head In Meters	38	24	15	5 (2.6m³/h)	-	-
JB - 3/05S	0.55	0.75	1 x 1		40	30	24	18	10 (3.5m³/h)	-
JB - 3/07S	0.75	1.0	1 x 1		45	37	33	28	20	-
JB - 3/11S	1.1	1.5	1¼ x 1		49	42	38	33	27	20 (4.4m³/h)

Dimensional Drawing



Dimensional Details

Pump Model	Power		DNS	DND	L	L1	L2	A	B	C	H1	H2	H	Gross Weight in Kg
	kW	HP												
JB - 2/03S	0.37	0.5	1"	1"	440	140	235	181	140	10	100	158	213	14
JB - 3/05S	0.55	0.75	1"	1"	395	112.5	133	182	142	10	97	152.5	210	14.5
JB - 3/07S	0.75	1.0	1¼"	1"	395	112.5	133	182	142	10	97	152.5	210	15.5
JB - 3/11S	1.1	1.5	1¼"	1"	395	112.5	133	182	142	10	97	152.5	210	16.5

In view of continuous improvements in our design and process, The information, dimensions and specifications given herein are subject to change without notice.