



## Specification

Power	: JS 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	: SS 304
Motor Body	: Aluminium
Impeller	: SS 304
Shaft	: SS 304
Mechanical Seal	: Carbon & Ceramic

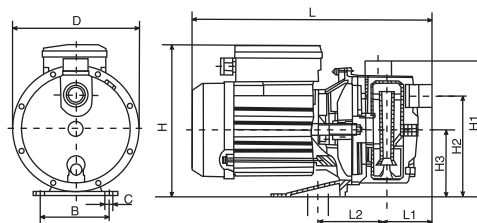
## Operating Conditions

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	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.04
				m³/h	0	0.5	1	1.5	2	2.5	3	3.5	3.75
JS - 2/03S	0.37	0.5	1 x 1	Total Head In Meters	36	31	26.5	21.5	17	11	7 (2.75m³/h)	-	-
JS - 3/05S	0.55	0.75	1 x 1		38	34	31.5	28.5	26.5	23	18.5	12.5	10 (3.7m³/h)
JS - 3/07S	0.75	1.0	1 x 1		40	37	34	32	29	26.5	23	17	10
JS - 3/11S	1.1	1.5	1 x 1		45	42	38.5	36	32.5	29.5	26.5	19.5	10

## Dimensional Drawing



## Dimensional Details

Pump Model	Power		B	C	D	H	H1	H2	H3	L	Gross Weight in Kg
	kW	HP									
JS - 2/03S	0.37	0.5	160	8	196	218	206	161	105	380	9
JS - 3/05S	0.55	0.75	160	8	196	218	206	161	105	380	10
JS - 3/07S	0.75	1.0	160	8	196	218	206	161	105	380	11
JS - 3/11S	1.1	1.5	160	8	196	218	206	161	105	380	11.5