C.R.I. PUMPS
Pumping trust. Worldwide.

Stainless Steel Centrifugal Monoblock Pumpsets

JTS Series

C.R.I. S.S. Centrifugal Monoblock / Self-Priming Jet pumps are carefully designed to give best hydraulic efficiency and suction lift characteristics. Most modern and highly sophisticated machinery and technology are employed in the manufacture of these pumps, using quality raw material, seals and ball bearings to ensure long life. Dynamically balanced rotor ensures vibration free and noise free operation. All single phase pumps are in-built with thermal overload protector to prevent overload. High operating efficiency of these pumps result in low power consumption.

SALIENT FEATURES

• In-built thermal overload protector • Hygienic pumping system • Backpull-out design for easy servicing and repair

APPLICATIONS : · Domestic · Food Processing · Industrial Water System · Shallow wells · Gardening · Car washing · Drinking water supply

SPECIFICATIONS

	JTS SERIES
Power range	0.37 kW & 0.75 kW (0.5HP & 1HP)
Maximum head	40 metre
Maximum flow rate	1.04 lps (3.75 m^3/hr)
Normal suction & delivery sizes	25 mm x 25 mm
Versions	1Ph - 220V / 3Ph - 380-415V, 50Hz, AC
Maximum suction lift	Upto 8 metre
Speed	2900 rpm
Degree of protection	IP 54
Class of insulation	"B"
Direction of rotation	Clockwise viewed from driving end
Type of duty	S1
Maximum liquid temperature	+5°C to +60°C
Maximum ambient temperature	40°C

PERFORMANCE CHART

JTS SERIES
STAINLESS STEEL CENTRIFUGAL MONOBLOCK PUMPSETS

2900 RPM, Single Phase - 220 Volts,
Three Phase - 380-415 Volts 50 Hz, A.C. Supply

PUMP MODEL		MOTOR POWER		NOMINAL PUMP SIZE IN MM (Suction x Delilvery)	m^3/hr	0	0.5	1	1.5	2	2.5	3	3.5	3.75
1Ø	3Ø	kW	HP		lps	0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.04
JTS-2/03M	JTS-2/03T	0.37	0.5	25 x 25	Head in Metres	36	31	27	22	17	11	7		
JTS-3/07M	JTS-3/07T	0.75	1.0	25 x 25		40	37	34	32	29	27	23	17	10

DISCHARGE

MATERIAL OF CONSTRUCTION - PUMPSET

Part Name	Material
Pump casing	S.S. 304
Motor Frame	Aluminium
Impeller	S.S. 304
Shaft	S.S. 304
Shaft Sealing	Mechanical Seal (Carbon & Ceramic)

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