



CENTRIFUGAL JET PUMPS

OMI Centrifugal Jet Pump is a product fitted with Thermal Overload Protector (TOP) to prevent burning with high grade 'F' class enameled copper wires that are suitable for wide Voltage fluctuations with minimal power consumption pumps that dynamically balance the rotating parts. These pumps are developed and manufactured by the continuous efforts and innovation of our R&D Team with prime experience in manufacturing pumps for the past 50 years.

SALIENT FEATURES

- Good suction lift and operating pressure.
- Fitted with Thermal Overload Protector (TOP) to prevent burning
- Noiseless Operations. • High grade 'F' class enameled copper wires
- Suitable for wide Voltage fluctuations. • Minimal power consumption
- Can be easily dismantled and repaired. • Sturdy and Compact Design.
- Pre Lubricated Double Sealed Precision Ball Bearing. • Dynamically balanced rotating parts.
- Pressure Valve to adjust backpressure for optimized performance
- Used in areas where the bore size is 3" and below.
- Available in Horizontal and Vertical versions. • Deep Well Packer adaptor also available.
- Used in high sand borewells.

APPLICATIONS :



Agricultural/
Irrigation



Home



Small
Gardens



Small
Industry



Multi Storey
Buildings

PRODUCT SPECIFICATIONS

Power Range	0.5HP- 1HP
Phase / Voltage Range	Single-phase, 200-240 V, 50 Hz, AC Supply
Maximum total head	40 meters
Maximum flow rate	3000 lph
Nominal outlet size in inches (SxPx D)	1.25"x1"x1",1.5"x1.25"x1" (32x25x25,40x32x25 mm)
Body	Cast Iron / Aluminum
Winding	'F' Class Insulation Copper Wire
Shaft	Stainless Steel 410 / EN 8
Motor Protector	Fitted With TOP
Bearing	Double Sealed Ball Bearing
Impeller	Cast Iron / Noryl/ Brass

PERFORMANCE CHART

Motor Rating			Pipe Size	Discharge in LPH	Discharge in litre per hours at various Depth of Low Water Level in MTRS											Bore Size in mm
Model	Hp	Kw			9	12	15	18	21	24	27	30	33	36	39	
JET-100-40-CI	1	0.75	32 x 25 x 25	1700	1630	1510	1480	1390	1350	810	780	610	530	420	0.0	100
JET-100-30-CI	1	0.75	40 x 32 x 25	2500	2500	2270	1820	1600	910	840						115

