



REGENERATIVE SELF PRIMING MONO BLOCK PUMPS DIAMOND SERIES

OMI Regenerative Monoset 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. 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

- 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.
- Forged Brass impellers.
- Dynamically balanced rotating parts.
- Built-in Suction Strainer to avoid foreign particles.

APPLICATIONS :



PRODUCT SPECIFICATIONS

Power Range	0.5HP - 1HP
Speed	1440 RPM / 2880 RPM
Phase / Voltage Range	Single-phase, 200-240 V, 50 Hz, A.C Supply
Maximum total head	36 meters
Maximum flow rate	4200 lph
Suction & Delivery Sizes	1" x 1" (25x25mm)
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	Brass Forged Impeller

PERFORMANCE CHART

Motor Rating			Pipe Size	Discharge in LPH	HEAD IN METER									
Model	Hp	Kw			6	9	12	15	18	21	24	27	30	33
JADE V 50 AL	0.5	0.37	25 x 25	Discharge in LPH	2340	1965	1695	1512	1330	1155	940	730	468	0
JADE V 50 CI	0.5	0.37	25 x 25		2340	1965	1695	1512	1330	1155	940	730	468	0

PERFORMANCE CHART (DIAMOND SERIES)

Motor Rating			Pipe Size	Discharge in LPH	HEAD IN METER											
Model	Hp	Kw			6	9	12	15	18	21	24	27	30	33	36	40
DIAMOND-D50	0.5	0.37	25 x 25	Discharge in LPH	3100	2760	2520	2098	1504	1172	840	0				
DIAMOND-D50+	0.5	0.37	25 x 25		3350	3000	2720	2280	1742	1430	1120	460	0			
DIAMOND-D100	1	0.75	25 x 25		3540	3360	3180	3060	2880	2490	2120	1814	1650	865	540	
DIAMOND-D100+	1	0.75	25 x 25		3960	3855	3477	3310	2950	2665	2380	1852	1785	955	610	180