



CENTRIFUGAL MONOBLOCK PUMPS SERIES

OMI Centrifugal Monoblock 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 eliminate air locking problems. 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.
- Dynamically balanced rotating parts.
- Unicasing type pumps eliminate air locking problems.

APPLICATIONS :



Agricultural/
Irrigation



Home



Sprinkler And
Water Fountain



Cooling Water
Circulation System



Building
Construction

PRODUCT SPECIFICATIONS

Power Range	0.5HP – 3HP
Phase / Voltage Range	Single-phase 200-240V, 50Hz, A.C Supply, Three-phase 380-415, 50Hz, A.C Supply 36 meters
Maximum total head	34 meters
Maximum flow rate	48500 lph
Suction & Delivery Sizes	1"x1", 1.25"x1", 1.25"x1.25", 1.5"x1.25", 1.5"x1.5", 2"x1.5", 2"x2" 2.5"x2", 3"x2.5", 3"x3".
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 (DIAMOND SERIES)

Motor Rating			Pipe Size	Discharge in LPH	HEAD IN METER													Head range	
Model	Hp	Kw			6	8	9	10	12	14	15	16	18	21	22	24	26		28
EMERALD-50-14	0.5	0.37	40 x 40	Discharge in LPH	260	255	250		150									6--10	
EMERALD-50-22	0.5	0.37	25 x 25		115	112	106		90		73		48	30				8--18	
EMERALD-100-30	1	0.75	25 x 25			141		139	133	130	126	122	115	92.5	85	70	48	29	15--24
EMERALD-100-28	1	0.75	32 x 25			145		143	135	128	124	120	108	87	80	65	33		12--21
EMERALD-100-19	1	0.75	40 x 40			265		260	240	210		170	101						6--15
EMERALD-100-14	1	0.75	50 x 50			440	400		320	190									6--10

PERFORMANCE CHART (DIAMOND SERIES)

Motor Rating			Pipe Size	Discharge in LPH	HEAD IN METER										Head range	
Model	Hp	Kw			6	8	9	10	12	14	15	16	18	21		
EMERALD-150-22	1.5	1.1	50 x 40	Discharge in LPH	400		370		330	315	300	285	250	110		6--10
EMERALD-150-20	1.5	1.1	50 x 50			465		450	420	390		320	180			8--18
EMERALD-200-22	2	1.5	50 x 50			480		475	420	380		300	220	105		15--24
EMERALD-200-20	2	1.5	65 x 50			500		480	430	390		320	235			12--21
EMERALD-200-18	2	1.5	75 x 65			700	680		610	500	400		252			6--15
EMERALD-200-14	2	1.5	75 x 75			750	720		620	480						6--10