



## REGENERATIVE SELF PRIMING MONO BLOCK PUMPS SELF PRIMING SERIES

OMI Regenerative Self-priming 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 high-grade 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
Phase / Voltage Range	Single-phase, 200-240 V, 50 Hz, A.C Supply
Maximum total head	50 meters
Maximum flow rate	3600 lph
Suction & Delivery Sizes	1"x 1" (25 x 25mm)
Body	Die-Cast / Aluminum/ Cast Iron
Winding	'F' Class Insulation Copper Wire
Shaft	Stainless Steel 410 / EN 8
Motor Protector	Fitted With TOP
Bearing	Pre Lubricated Double Sealed Ball Bearing
Impeller	Brass Forged Impeller
Strainer	Built-in Suction Strainer



### GEM SERIES

### PERFORMANCE CHART

Motor Rating			Pipe Size		HEAD IN METER							
Model	Hp	Kw			6	9	12	15	18	21	24	27
GEM 50 AL	0.5	0.37	25 x 25	Discharge in LPH	1970	1710	1476	1332	936	738	684	170
GEM 50 CI	0.5	0.37	25 x 25		1970	1710	1476	1332	936	738	684	170



## RUBY SERIES

### PERFORMANCE CHART

Motor Rating			Pipe Size		HEAD IN METER								
Model	Hp	Kw			6	9	12	15	18	21	24	27	30
RUBY 50 AL	0.5	0.37	25 x 25	Discharge in LPH	2050	1812	1585	1400	1150	895	720	615	0
RUBY 50 CI	0.5	0.37	25 x 25		2050	1812	1585	1400	1150	895	720	615	0



## OPAL SERIES

### PERFORMANCE CHART

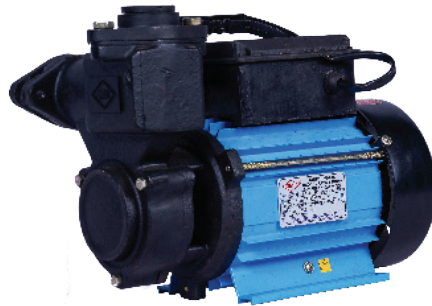
Motor Rating			Pipe Size		HEAD IN METER									
Model	Hp	Kw			6	9	12	15	18	21	24	27	30	33
OPAL 50 AL	0.5	0.37	25 x 25	Discharge in LPH	2412	2240	1970	1840	1476	1410	1296	1080	720	200
OPAL 50 CI	0.5	0.37	25 x 25		2412	2240	1970	1840	1476	1410	1296	1080	720	200



## CORAL SERIES

### 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	36	40
CORAL 100 AL	1	0.75	25 x 25	Discharge in LPH	3060	2360	2090	1980	1760	1650	1425	1200	1020	720	480	0
CORAL 100 CI	1	0.75	25 x 25		3060	2360	2090	1980	1760	1650	1425	1200	1020	720	480	0



## PEARL SERIES

### 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	36	40
PEARL 100 AL	1	0.75	25 x 25	Discharge in LPH	3420	2820	2245	2085	1920	1770	1560	1390	1200	1080	840	0
PEARL 100 CI	1	0.75	25 x 25		3420	2820	2245	2085	1920	1770	1560	1390	1200	1080	840	0