



An ISO 9001:2008 Certified
Company Certification
Regn.No: 2225540



CM/L : 6955697



CM/L : 4645066



Royal Industries

Coimbatore -641 004

SELF PRIMING MONOBLOCK PUMPS CENTRIFUGAL MONOBLOC PUMPS

- Robust C.I. Body, fan cooled, TEFC and CSR type motor
- Fitted with ample size of double size sealed ball bearings
- Low loss dynamo grade electrical steel stator with class "B" insulation and baking Varnish to with stand hygroscopic effect
- Fitted with thermal overload protector(TOP)
- High quality mechanical seal
- C.I. / Alu. impeller dynamically balanced
- Stainless steel shaft to avoid total corrosion



Performance Chart

	MOTOR KW/HP	Pipe Size mm	TOTAL HEAD IN METERS / DISCHARGE IN LPH										
			6	9	12	15	18	21	24	27	30	45	54
	0.25 / 0.18	20x20	1850	1740	1350	960	650	-	-	-	-	-	-
	0.5 / 0.37	25x25	2400	2100	1800	1600	1450	1300	1150	1000	870	-	-
	1.0 / 0.75	25x25	4800	4200	3800	3400	3100	2900	2600	2300	2000	1320	1200

	MOTOR KW/HP	Pipe Size mm	TOTAL HEAD IN METERS / DISCHARGE IN LPH											
			9	12	15	16	17	18	20	21	22	24	27	30
	0.37/0.50	25x25	-	5040	4320	3600	3240	2880	-	-	-	-	-	-
	0.37/0.50	25x25	-	-	-	3180	3000	2820	2460	2100	1380	-	-	-
	0.75/1.00	50x40	-	12960	10800	8640	6120	-	-	-	-	-	-	-
	0.75/1.00	32x25	-	-	-	-	-	6120	5760	5400	5040	4800	3240	-
	1.10/1.50	50x40	-	-	13320	12240	11880	10800	7200	-	-	-	-	-
	1.10/1.50	40x40	-	-	-	-	-	9000	8640	7920	7020	6120	-	-
	1.50/2.00	50x50	23400	22200	19800	18000	17400	16800	17700	15000	-	-	-	-
	1.50/2.00	50x40	-	-	-	-	-	12300	11700	11100	9900	9000	6600	-

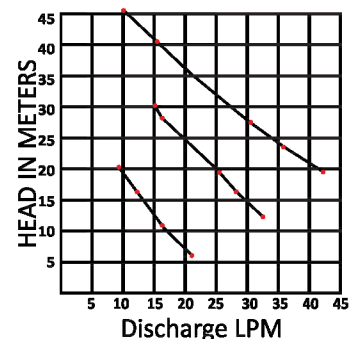
	Pipe Size in MM	Power Hp	Delivery Head In Metre	Total Head in Meters / Discharge in LPM												
				9	12	15	18	21	24	27	30	33	39	42	45	48
	32x25x25	0.5	27	1750	1450	1100	900	700	450	-	-	-	-	-	-	-
	40x32x25	1.0	38	-	1550	1470	1400	1300	1180	900	750	520	330	-	-	-
	40x32x25	1.5	45	-	-	-	1600	1500	1420	1350	1200	1050	900	720	540	450

APPLICATION

- Domestic Water Pumping to Overhead Tanks
- Curing at Construction Sites
- Fountains and Gardening
- Home Pressure Boosting Systems
- For Agricultural Use
- For Industrial Use
- Sprinkles And Drip Irrigation
- Domestic Use

FEATURES

- Highly Rigid Cast Iron Construction
- Brass Forged Impeller
- Graded Steel Shaft
- Tested as per IS Standards
- Fitted with Motor Protector (T.O.P.)
- Mechanical Seal with High Alumina Seal Face



HORIZONTAL OPENWELL SUBMERSIBLE PUMPS

- Water Lubricated Carbon / Thrust pad to with stand high axial load
- High quality oil seal prevents the entry of foreign particles into the motor
- Coated with ceramic epoxy paint to prevent corrosion
- Ideally designed impeller dynamically balanced
- Motor body & Rotor shaft are made with Stainless Steel



	MOTOR KW/HP	Pipe Size mm	TOTAL HEAD IN METERS / DISCHARGE IN LPH											
			6	9	12	15	18	21	24	27	30	33	36	38
	0.37/0.50	25	10000	9000	7800	6600	5400	3600	-	-	-	-	-	-
	0.75/1.00	25	10100	93000	7950	6800	5500	3900	3200	2300	-	-	-	-
	0.75/1.00	25	11400	11100	10800	9000	7800	6600	5400	3600	2000	-	-	-
	1.10/1.50	32	13200	12900	12600	10800	9600	9000	8400	7200	5400	3600	-	-
	1.50/2.00	32	14000	13500	13200	12600	12000	10500	9500	9000	8500	7250	5500	3600

VERTICAL OPENWELL SUBMERSIBLE PUMPS

- High Quality Oil Seal with SS Sand Guard
- Very High Quality Compact Carbon thrust bearing
- Stainless Steel Shaft & Motor Body
- Latest Centrifugal Casting LT B4 Bearing Bushes
- High Quality Polywrapped Insulated winding wire
- Dynamically Balanced High Quality Impellers
- Balanced Rotor Shaft, High Grade Castings Compact Design for easy maintenance



	KW/HP	Work. Head (MTR)	Pipe Size in (mm)	Discharge in LPH	TOTAL HEAD IN METERS / DISCHARGE IN LPH											
					05	10	15	20	25	30	35	40	45	50	55	60
	0.37/0.50	28	25		5300	5000	4350	3600	2700	1400	-	-	-	-	-	-
	0.55/0.75	35	25		5300	5100	4650	4150	3550	2900	2150	-	-	-	-	-
	0.75/1.00	45	25		5300	5100	4800	4500	4100	3700	3350	2900	2400	1900	-	-
	1.10/1.50	55	25		5300	5150	5000	4650	4400	4100	3750	3400	3050	2650	2150	1650
	0.75/1.00	35	32		12240	11160	10080	8640	7200	5400	2000	-	-	-	-	-
	1.10/1.50	45	32		12600	11880	11160	10080	9360	8280	7200	5700	4300	2500	-	-

The above Performance are as per out lab test there may be a slight. Variation in performance due to voltage variations.

4" & 6" SUBMERSIBLE PUMPS

- Water lubricated carbon / Thrust pad to with stand high axial load
- High quality oil seal prevents the entry of foreign particles into the motor
- Coated with ceramic epoxy paint to prevent corrosion
- Ideally designed impeller, dynamically balanced
- Motor body & Rotor shaft are made with Stainless Steel
- Water Supply (Community Domestic)
- Industries
- Drip Irrigation
- Gardens
- Hotel etc.,





A Quality Product From

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