

# KIRLOSKAR PUMPS

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1920  
2020

KIRLOSKAR BROTHERS LTD.



Enriching Lives

## Self Priming Pumps

Mini Range Pumps For Domestic Applications



TINY



PEARL



CHHOTU



SPLASH



CRYSTAL



STAR GALAXY



POPULAR LV



MINI 28S



WAVE



MINI 40S



MINI 50S



MEGA 54S

**KIRLOSKAR BROTHERS LIMITED**

A Kirloskar Group Company

Established 1888

# KIRLOSKAR PUMPS

## TECHNICAL SPECIFICATION

### REGENERATIVE PUMPS

Head	:	Upto 52 meters
Capacity	:	Upto 4500 LPH
Power Rating	:	0.37 to 1.1 kW / 0.5 to 1.5 HP
Voltage range	:	180 to 240 Volts (Single phase) - except Star and Wave Pumps 180 to 255 Volts (Single phase) - for Star and Wave Pumps 300 to 440 Volts (Three phase)*

## APPLICATIONS

- Water supply to over head tanks in bungalows
- Gardens/ Fountains
- Feed water to RO plants
- Domestic water supply
- Construction site
- Home pressure boosting
- Car washing
- Lawn sprinklers

## FEATURES

### High Suction Lift

The pump has suction lift capacity up to 7.5 meters with high head, allowing to pump water at high volumes for a variety of applications.

### High Quality Aluminum Motor Body

Special grade aluminum motor body provides high resistance to corrosion, better heat dissipation and lowers its overall weight for great portability.

### TOP - Thermal Overload Protector

The pumpset features a Thermal Overload protector that protects the motor from overloading, shielding the motor and associated circuit from the effects of fault current.

### Handle To Enhance Grip And Portability

A handle attached to the pump allows user to carry the pump anywhere, adding to its portability and convenience of use.

### Easy Maintainable Designs

Easy maintainable design and better interchangeability of components so that pump can be serviced even at remote locations by semi-skilled technicians.

### Shielded Ball Bearing

The pumps are fitted with shielded ball bearing so no external lubrication required through life cycle and low noise level.

### High Efficiency and Energy Saving Design

Innovative design manufactured at state of art plant, delivers optimum efficiency at lower energy consumption resulting in significant cost savings.

### Dynamically Balanced Rotating Parts

Minimum vibrations protect components from damages during the operations, consistent performance as concentricity is maintained.

PERFORMANCE CHART FOR MINI RANGE PUMPS, 'MINI' SERIES, 2 POLE, MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Full Load Current (Amps)	Rated Voltage (Volts)	TOTAL HEAD IN METERS																				
		kW	HP	SUC.	DEL.			3	6	9	10	12	14	15	18	20	21	22	24	25	26	28	30	32				
		DISCHARGE IN LITRES PER HOUR																										
1	TINY	0.18	0.25	19	19	2	230	1600	1300	1100	1008	800	648	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	PEARL	0.37	0.5	25	25	2	210	-	2250	1944	1872	1656	1440	1332	1044	792	720	600	400	-	-	-	-	-	-	-	-	-
3	JALRAAJ-0.5	0.37	0.5	25	25	2	220	-	1800	1584	1512	1300	1152	1080	828	684	612	504	360	288	250	-	-	-	-	-	-	-
4	CHHOTU	0.37	0.5	25	25	2	220	-	1980	1692	1620	1440	1296	1224	1008	792	756	702	504	396	360	-	-	-	-	-	-	-
5	WONDER III	0.37	0.5	25	25	3	210	-	1930	1705	1584	1480	1296	1260	1048	936	835	756	618	576	432	325	-	-	-	-	-	-
6	STAR	0.37	0.5	25	25	2.6	240	-	2700	2376	2250	2016	1890	1728	1460	1224	1152	1080	790	720	576	450	-	-	-	-	-	-
7	GALAXY	0.37	0.5	25	25	2.6	240	-	2700	2376	2250	2016	1890	1728	1460	1224	1152	1080	790	720	576	450	-	-	-	-	-	-
8	POPULAR LV	0.37	0.5	25	25	2.6	180	-	2700	2160	2061	1700	1368	1224	864	720	648	612	550	504	468	450	-	-	-	-	-	-
9	MINI-28S*	0.37	0.5	25	25	3.4	210	-	3150	2808	2745	2520	2295	2160	1845	1656	1512	1440	1224	1080	990	720	-	-	-	-	-	-
10	WAVE	0.37	0.5	25	25	3.4	240	-	2450	2232	2160	2050	1944	1872	1710	1656	1620	1512	1440	1372	1260	1170	936	800	-	-	-	-
11	SPLASH	0.75	1	25	25	4.5	230	-	3000	2736	2680	2448	2232	2160	1872	1650	1584	1512	1368	1250	1080	500	-	-	-	-	-	-
12	CRYSTAL	0.75	1	25	25	4.5	230	-	3200	2376	2250	2088	1944	1890	1665	1460	1368	1296	1152	1080	936	650	-	-	-	-	-	-
13	CHHOTU STAR	0.75	1	25	25	3.6	220	3100	2808	2520	2448	2268	2088	2016	1728	1548	1440	1368	1224	1152	1008	864	648	500	-	-	-	-
								6	10	12	14	18	20	22	24	26	28	30	32	34	38	40	41	42				
14	POPULAR	0.75	1	25	25	4.5	230	-	3000	2736	2600	2250	2088	1980	1728	1530	1300	1200	1000	720	360	200	-	-	-	-	-	-
15	MINI-40S*	0.75	1.02	25	25	4.5	230	-	3000	2736	2600	2250	2088	1980	1728	1530	1300	1200	1000	720	360	200	-	-	-	-	-	-
16	JALRAAJ-1	0.75	1.02	25	25	4	220	3280	2970	2800	2650	2300	2160	1980	1800	1660	1440	1300	1080	970	612	432	288	250	-	-	-	-
17	JALRAAJ-2	0.75	1.02	25	25	4.5	230	3300	2700	2520	2380	2120	2016	1870	1728	1620	1512	1400	1224	1116	854	684	576	504	-	-	-	-
								10	12	14	18	20	22	24	26	28	30	32	34	38	40	42	50	52				
18	MINI-50S*	0.75	1.02	25	25	6.5	230	3200	3096	2960	2730	2592	2430	2304	2160	1980	1850	1692	1584	1296	1175	1008	400	-	-	-	-	-
19	MEGA-54S*	1.1	1.5	25	25	8.6	210	4500	4320	4104	3672	3456	3168	2952	2664	2448	2232	2016	1800	1440	1296	1152	648	504	-	-	-	-

Note: \* Marked pumps are also available in three phase. Performance applicable to liquid of specific gravity 1 and Viscosity as of water.

**KIRLOSKAR BROTHERS LIMITED**

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Established 1888

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