



Enriching Lives

## KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company  
Established 1888

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### OUR COMPANIES



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## MINI RANGE PUMPS



**KIRLOSKAR BROTHERS LIMITED**  
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# KIRLOSKAR BROTHERS LIMITED

Leader in fluid management



KBL is a world-class pump manufacturing company with enterprise in engineering and manufacture of systems for fluid management. Established in 1888 and incorporated in 1920, KBL is a flagship company of the \$2.1 billion Kirloskar Group. The market leader in fluid management, KBL provides complete fluid management solutions for large infrastructure projects in the areas of water supply, power plants,

irrigation, oil & gas and marine & defence.

KBL's commitment to quality and sustainability is as reliable as its products. This is why all plants of KBL are ISO 9001 & ISO 14001, OHSAS 18001, ISO 14000 Environment Standard Certified. The plants apply Total Quality Management tools using European Foundation for Quality Management (EFQM) model.

As one of the largest pump manufacturers in India, KBL offers over 75 types of pumps in over 500 variants with up to 1,200 metre head and discharge of up to 120,000 cubic metres per hour. These pumps provide the lowest life cycle cost; that is because KBL pumps offer maximum reliability under all operating conditions, ensuring trouble-free operations at all times and eliminating costly downtime. Additionally, KBL pumps are constructed with materials that offer the best resistance to corrosion and abrasion, enhancing performance for years together.

Technological innovations employed in pump engineering also reduce overall energy use, enhancing efficiency and cost savings.

## MINI 28S



### Range Specification

Head	: 6 to 28 meters
Capacity	: 3150 to 720 LPH
Power Rating	: 0.37 kW / 0.5 HP
Voltage Range	: 180 to 240 V (1 Phase) 300 to 440 V (3 Phase)

### Range Specification

Head	: 10 to 40 meters
Capacity	: 3000 to 200 LPH
Power Rating	: 0.75 kW / 1.0 HP
Voltage Range	: 180 to 240 V (1 Phase) 300 to 440 V (3 Phase)

## MINI 40S



## MINI 50S



### Range Specification

Head	: 10 to 50 meters
Capacity	: 3200 to 400 LPH
Power Rating	: 0.75 kW / 1.0 HP
Voltage Range	: 180 to 240 V (1 Phase) 300 to 440 V (3 Phase)

### Range Specification

Head	: 10 to 52 meters
Capacity	: 3960 to 360 LPH
Power Rating	: 1.1 kW / 1.5 HP
Voltage Range	: 180 to 240 V (1 Phase) 300 to 440 V (3 Phase)

## MEGA 54S



## JALRAAJ



### Range Specification

Head	: 6 to 42 meters
Capacity	: 3300 to 504 LPH
Power Rating	: 0.37 kW / 0.5 HP to 0.75 kW / 1.02 HP
Voltage Range	: 180 to 240 Volts

### Range Specification

Head	: 6 to 50 metres
Capacity	: 2,560 to 140 LPH
Power Rating	: 0.37 kW / 0.5 HP to 0.75 kW / 1.0 HP
Voltage Range	: 180 to 240 Volts (single phase)

## V-FLOW



## STAR



### Range Specification

Head	: 6 to 28 meters
Capacity	: 2700 to 450 LPH
Power Rating	: 0.37 kW / 0.50 HP
Voltage Range	: 180 to 255 V

### Range Specification

Head	: 10 to 40 meters
Capacity	: 3000 to 200 LPH
Power Rating	: 0.75 Kw / 1.0 HP to
Voltage Range	: 180 to 240 V

## POPULAR



## NEW AQUA SERIES



### Range Specification

Head	: 3 to 41 meters
Capacity	: 3200 to 360 LPH
Power Rating	: 0.37 kW/ 0.5 HP to 1.1 kW/ 1.5HP
Voltage Range	: 180 to 240 V

### Range Specification

Head	: 6 to 28 meters
Capacity	: 2250 to 288 LPH
Power Rating	: 0.37 kW / 0.5 HP
Voltage Range	: 100 to 180 V

## POPULAR LV



## CHHOTU



### Range Specification

Head	: 6 to 26 meters
Capacity	: 1980 to 360 LPH
Power Rating	: 0.37 kW / 0.5 HP
Voltage Range	: 180 to 240 V

### Range Specification

Head	: 8 to 36 meters
Capacity	: 2600 to 1080 LPH
Power Rating	: 0.37 kW / 0.5 HP to 1.1 kW / 1.5 HP
Voltage Range	: 180 to 240 V

## NEW LIFTER SERIES PUMP







CMS

Range Specification

Head : 10 to 38 meters  
Capacity : 2570 to 500 LPH  
Power Rating : 0.37 kW / 0.5 HP to 0.75 kW / 1.0 HP  
Voltage Range : 180 to 240 V (1 Phase)

Range Specification

Head : 3 to 15 meters  
Capacity : 1600 to 600 LPH  
Power Rating : 0.18 kW / 0.25 HP  
Voltage Range : 180 to 240 V

TINY



Performance Chart

Jalraaj

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS									
	KW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38	42
	DISCHARGE IN LITRES PER HOUR															
JALRAAJ	0.37	0.5	25	25	2.0	220	2120	1820	1550	1260	950	660	360			
JALRAAJ-1	0.75	1.02	25	25	4.0	220	3280	2970	2650	2300	1980	1660	1300	970	612	250
JALRAAJ-2	0.75	1.02	25	25	4.5	230	3300	2700	2380	2120	1870	1620	1400	1116	854	504

Note : Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.

V-Flow

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS											
	KW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38	42	46	50
	DISCHARGE IN LITRES PER HOUR																	
V FLOW	0.37	0.5	25	25	4.5	240		2439	2250	2043	1773	1457	1134	729				
V FLOW-1	0.75	1.0	25	25	7.6	240	2560	2520	2420	2260	2060	1840	1620	1380	1140	860	280	140

New Aqua Series

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS														
	KW	HP	SUC.	DEL.			3	6	8	10	12	14	15	18	22	24	26	30	36	40	41
	DISCHARGE IN LITRES PER HOUR																				
AQUA-50	0.37	0.5	12	12	2.8	220	1200	1100	1080	900	765	670	300								
AQUA-60	0.37	0.37	12	12	3.4	220		1620	1570	1485	1415	1350	1300	1170	945	800	600				
AQUA-100	0.75	1.0	25	25	5.5	220		2160	2025	1930	1810	1750	1710	1580	1440	1360	1300	1105	780	450	450
AQUA-150	1.1	1.5	25	25	5.5	220		3300	3200	3050	2970	2880	2790	2655	2300	2250	2010	1872	1350	600	
AQUA STREAM	0.37	0.5	25	25	3.5	240		1640		1545		1440		1350	1215		1060	835	540		

Popular

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS								
	KW	HP	SUC.	DEL.			10	14	18	22	26	28	30	35	40
	DISCHARGE IN LITRES PER HOUR														
POPULAR	0.75	1.0	25	25	4.5	230	3000	2600	2250	1980	1530	1300	1200	650	200

Popular LV

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS				
	KW	HP	SUC.	DEL.			6	12	18	24	28
	DISCHARGE IN LITRES PER HOUR										
POPULAR LV	0.37	0.5	25	25	2.6	180	2700	1700	864	550	450

Mini 28S

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)		RATED VOLTAGE (Volts)		TOTAL HEAD IN METERS						
	KW	HP	SUC.	DEL.					6	10	14	18	22	26	28
					1ø	3ø	1ø	3ø	DISCHARGE IN LITRES PER HOUR						
MINI-28S	0.37	0.5	25	25	3.4	1.3	210	415	3150	2745	2295	1845	1440	990	720

PEARL DOMESTIC PUMP



Range Specification

Head : 6 to 24 meters  
Capacity : 2250 to 400 LPH  
Power Rating : 0.37 kW / 0.5 HP  
Voltage Range : 180 to 240 V

Range Specification

Head : 6 to 28 meters  
Capacity : 3000 to 500 LPH  
Power Rating : 0.75 kW / 1.0 HP  
Voltage Range : 180 to 240 V

SPLASH



CRYSTAL



Range Specification

Head : 6 to 28 meters  
Capacity : 3200 to 650 LPH  
Power Rating : 0.75 kW / 1.0 HP  
Voltage Range : 180 to 240 V

Range Specification

Head : 6 to 28 meters  
Capacity : 1930 to 325 LPH  
Power Rating : 0.37 kW / 0.5 HP  
Voltage Range : 180 to 240 V

WONDER 3



CBR



Range Specification

Head : 6 to 42 meters  
Capacity : 3348 to 432 LPH  
Power Rating : 0.75 kW / 1.0 HP to  
Voltage Range : 180 to 240 V (1 Phase)

Mini 40S																	
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)		RATED VOLTAGE (Volts)		TOTAL HEAD IN METERS								
	KW	HP	SUC.	DEL.					10	14	18	22	26	28	30	35	40
					1ø	3ø	1ø	3ø	DISCHARGE IN LITRES PER HOUR								
MINI 40S	0.75	1.0	25	25	4.5	1.8	230	415	3000	2600	2250	1980	1530	1300	1200	650	200

Mini 50S																				
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)		RATED VOLTAGE (Volts)		TOTAL HEAD IN METERS											
	KW	HP	SUC.	DEL.					6	10	14	18	22	26	30	34	38	42	46	50
					1ø	3ø	1ø	3ø	DISCHARGE IN LITRES PER HOUR											
MINI-50S	0.75	1.02	25	25	6.5	2.0	230	415	3730	3430	3130	2860	2620	2380	2160	1920	1670	1380	1080	780

Mega-54S														
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)		RATED VOLTAGE (Volts)		TOTAL HEAD IN METERS					
	KW	HP	SUC.	DEL.					10	20	32	41	47	52
					1ø	3ø	1ø	3ø	DISCHARGE IN LITRES PER HOUR					
MEGA-54S	1.1	1.5	25	25	8.6	2.8	210	415	3960	3240	2520	1800	1080	360

Star													
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS						
	KW	HP	SUC.	DEL.			6	10	14	18	22	26	28
	DISCHARGE IN LITRES PER HOUR												
STAR*	0.37	0.5	25	25	2.6	240	2700	2250	1890	1460	1080	600	450

Chhotu												
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS					
	KW	HP	SUC.	DEL.			6	10	14	18	22	26
	DISCHARGE IN LITRES PER HOUR											
CHHOTU	0.37	0.5	25	25	2.0	220	1980	1620	1296	1008	702	360

New Lifter Series																				
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS													
	KW	HP	SUC.	DEL.			8	10	12	16	20	22	24	26	28	30	32	34	35	36
	DISCHARGE IN LITRES PER HOUR																			
LIFTER-50	0.37	0.5	25	25	2.8	220		2300	2170	1755	1050	500								
LIFTER-60	0.37	0.5	25	25	3.4	220	2600	2520	2460	2290	2070	1900	1750	1590	1110	600				
LIFTER-100	0.75	1	25	25	5.5	220						2700	2500	2260	2050	1800	1440	1000	810	
LIFTER-150	1.1	1.5	25	25	5.5	220								2500	2340	2070	1710	1440	1250	

CMS														
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS							
	KW	HP	SUC.	DEL.			10	14	18	22	26	30	34	38
	DISCHARGE IN LITRES PER HOUR													
CMS 525	0.37	0.5	25	25	4.5	240	2236	2052	1782	1449	1026	522		
CMS 140	0.75	1.0	25	25	6.5	240	2570	2520	2410	2270	2020	1580	1000	500

Tiny											
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS				
	KW	HP	SUC.	DEL.			3	6	9	12	15
	DISCHARGE IN LITRES PER HOUR										
TINY	0.18	0.25	19	19	2	230	1600	1300	1100	800	600

Pearl												
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS					
	KW	HP	SUC.	DEL.			6	10	14	18	22	24
							DISCHARGE IN LITRES PER HOUR					
PEARL	0.37	0.5	25	25	2.0	210	2250	1872	1440	1044	600	400

Splash												
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS					
	KW	HP	SUC.	DEL.			6	10	15	20	25	28
	DISCHARGE IN LITRES PER HOUR											
SPLASH	0.75	1.0	25	25	4.5	230	3000	2680	2160	1650	1250	500

Crystal												
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS					
	KW	HP	SUC.	DEL.			6	10	15	20	25	28
	DISCHARGE IN LITRES PER HOUR											
CRYSTAL	0.75	1.0	25	25	4.5	230	3200	2250	1890	1460	1080	650

Wonder III														
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS							
	KW	HP	SUC.	DEL.			6	9	12	15	18	21	24	28
	DISCHARGE IN LITRES PER HOUR													
WONDER III	0.37	0.5	25	25	3.0	210	1930	1705	1480	1260	1048	835	618	325

CBR140																
PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)	RATED VOLTAGE	TOTAL HEAD IN METERS									
	KW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38	42
							DISCHARGE IN LITRES PER HOUR									
CBR140	0.75	1.0	25	25	7.6	240	3348	3105	2808	2448	2088	1764	1440	1116	828	432