

100

1920
2020

KIRLOSKAR BROTHERS LTD.



Enriching Lives



ETERNA SW/BW

SEWAGE DE-WATERING
SUBMERSIBLE PUMPS



SW



BW

KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

ETERNA SW/BW

SEWAGE DE-WATERING SUBMERSIBLE PUMPS

TECHNICAL SPECIFICATION

Head Range	: Upto 12 metres
Discharge Range	: Upto 330 LPM
Power Ratings	: 0.75 to 1.8 kW (1 to 2.5 HP)
Voltage Range	: 180 to 240 Volts (Single Phase)
Protection	: Ip68
Insulation	: SW - F Class / BW - B Class
Cable Length	: 9.5 meters
pH Value	: 4 - 10
Max. Liquid density	: $1.2 \times 10^3 \text{ kg/m}^3$
Max. liquid temperature	: $+40^\circ\text{C}$

MATERIAL OF CONSTRUCTION

	SW	BW
Impeller	: Noryl	Cast Iron
Delivery Casing	: Stainless Steel	Cast Iron
Motor Body	: Stainless Steel	Stainless Steel
Pump Shaft	: Stainless Steel	Stainless Steel
Cutter	: -	40 Cr Steel

APPLICATIONS

- Removing stagnant water from basement / underground parkings / garages
- Draining accumulated storm water during monsoons
- Emptying water-tanks and pits for cleaning
- Waste water from kitchens, hotels, clubs
- Surplus water from sumps

FEATURES

Automatic On – Off Switch

Pre-fitted float switch ensure that the pump start and stop automatically as per need. This protects the pump from dry running and burning.

Ready To Use

No installation required, just drop it in the tank, and it is ready to use.

Corossion Free

Stainless steel body and other rust free parts prevent corrosion.

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.

PERFORMANCE CHART FOR SW AND BW PUMPS AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE-PHASE AC POWER SUPPLY

S. No.	Pump Model	Power Rating		Del. Size (mm)	Rated Voltage (Volts)	TOTAL HEAD IN METRES									Max. Solid Size (mm)	Min. Sub. From Bottom (mm)
		kW	HP			3	4	5	6	7	8	9	10	12		
						DISCHARGE IN LITERS PER MINUTE										
1	750SW	0.75	1.0	40	220	180	150	120	95	60	-	-	-	-	15	370
2	1000SW	0.93	1.25	40	220	-	-	200	180	150	120	90	50	-	15	390
3	1300BW	1.3	1.75	50	220	-	-	-	270	240	204	162	132	60	10	530
4	1800BW	1.8	2.5	65	220	-	-	-	330	300	240	180	120	-	10	630

Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.

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Service Toll-Free No.

1800 103 4443



Enriching Lives



JALRAAJ
0.5 - 1 HP,
HIGH PRESSURE
DOMESTIC PUMP



KIRLOSKAR BROTHERS LIMITED
A Kirloskar Group Company

JALRAAJ

0.5 - 1 HP, High Pressure Domestic Pump

Kirloskar Jalraaj has been designed to complement various domestic applications – adding to your convenience indoors and outdoors. From filling your overhead water tanks to watering your gardens, Jalraaj can assist you easily. Because of its light weight, ease of installation and self-priming capabilities, you can use the pump virtually anywhere in your home, without the need of investing in additional pumps for multiple applications.

Available at a very economical price, Jalraaj features the very best in pump engineering. From robust construction to class-leading electrical components, Jalraaj reflects the quality and durability that consumers expect from Kirloskar Brothers Ltd. – one of India's leading manufacturers of pumps.

PRODUCT SNAPSHOT

Range and Technical Specification

Head	: 6 to 42 metres
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 (single phase)

Construction Material

Impeller	: Brass
Pump Shaft	: Carbon Steel
Delivery Casing	: Cast Iron
Mounting Casing	: Cast Iron
Motor Body	: Extruded Aluminum
Cover NDE	: Aluminum
Mechanical Seal	: Carbon Ceramic



Self-priming up to 7.5 metres

The pump is capable of self priming up to 7.5 metres (sucks water automatically) without a foot valve, at rated head and discharge, doing away with the inconvenience of filling water to start the pump.



Totally Enclosed Fan-cooled (TEFC) motor

The pump includes a cooling fan enclosed within the motor to protect it from over-heating and damaging electrical parts.



Class "B" insulation

All electrical parts are shielded with Class "B" insulation, thereby protecting electrical components and its insulation from damage due to extreme temperatures with the use of super enameled copper winding wire in the motor.



Works with wide input voltage (180 – 240V)

The pump has the capacity to work with wide input voltage range, thereby enhancing performance while reducing damage to electrical parts.



Thermal Overload Protector

The pump motor features a Thermal Overload Protector that prevents overloading and shields the motor and associated circuit from the effects of faulty current.



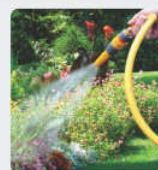
Light weight for easy portability

Jalraaj is constructed with special alloys to keep it light weight for easy handling. Its compact size and weight enables you to use the pump easily, anywhere, for various applications.

APPLICATIONS



Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.



Useful in home water booster systems, lawn sprinklers, overhead tanks and water for gardens.

PERFORMANCE CHART

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT	RATED VOLTAGE	TOTAL HEAD IN METERS									
	kW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38	42
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.

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United Kingdom



U.S.A.



South Africa



India



The Netherlands

OUR COMPANIES

Service Toll-Free No.

1800 103 4443

www.kirloskarpumps.com

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KIRLOSKAR BROTHERS LTD.



Enriching Lives



KOS

THREE PHASE
OPEN-WELL PUMPS



KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

KIRLOSKAR PUMPS

TECHNICAL SPECIFICATION

Head Range	: Upto 76 metres
Discharge Range	: Upto 38 lps
Power Ratings	: 2.2 to 11.2 kW (3 to 15 HP)
Voltage Range	: 200 to 440 Volts
Insulation	: B Class
Protection	: IP 68

MATERIAL OF CONSTRUCTION

Impeller	: Cast Iron
Motor Body	: Cast Iron
Delivery Casing	: Cast Iron
Shaft	: Stainless Steel

APPLICATIONS

- Industrial service water supply schemes
- Domestic and community water supply
- Construction site
- Irrigation in horticulture & agriculture
- Water supplies for high rise building

FEATURES

Wide Voltage Design

The motor is designed to withstand wide voltage fluctuations from 350 to 440 volts and reduces motor burning in case of low voltage.

Flatter Efficiency Curve

Minimum variations in efficiency during entire operating range increases the utility of pumpset for variable conditions.

Dynamically Balanced Rotating Parts

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

Replaceable Wearing Parts

All wearing parts within the pumps are easily accessible and replaceable which facilitates ease of maintenance thereby extending the life of the pump.

Easy Maintainable Designs

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

CED – Cathodic Electro Deposition

CED is the latest coating technology for corrosion resistance with uniform coating. It provides 5 times more protection over conventional painting, resulting in longer life. All major CI parts of Kirloskar pumps coming in contact with the water are CED coated.

High Efficiency And Energy Saving Design

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

Advanced Water Cooled Motors Designs

The motor is filled with potable water which protects it from overheating and facilitates smoother and trouble free operation for years.

PERFORMANCE CHART FOR 'KOS+' SERIES, 2 POLE, OPENWELL SUBMERSIBLE PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, THREE PHASE A.C. POWER SUPPLY																							
S. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (volts)	TOTAL HEAD IN METERS																
		kW	HP	SUC.	DEL.		8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
							DISCHARGE IN LITRES PER SECOND																
1	KOS-314+*	2.2	3	80	80	380	16.0	14.7	13.2	10.4	5.0	-	-	-	-	-	-	-	-	-	-	-	
2	KOS-318+**	2.2	3	65	50	380	12.8	12.2	11.4	10.4	9.2	7.7	4.8	-	-	-	-	-	-	-	-	-	
3	KOS-325+*	2.2	3	65	50	380	-	-	8.8	8.4	7.9	7.5	6.9	6.3	5.6	4.7	3.1	-	-	-	-	-	
4	KOS-335+*	2.2	3	50	40	380	-	-	-	-	-	4.6	4.5	4.3	4.2	4.0	3.8	3.5	3.2	2.7	2.0	-	
5	KOS-520+*	3.7	5	80	80	380	22.6	21.5	20.0	18.7	17.3	15.5	13.2	10.0	-	-	-	-	-	-	-	-	
6	KOS-527+*	3.7	5	80	65	380	-	-	-	15.0	14.2	13.4	12.5	11.5	10.4	9.0	6.5	-	-	-	-	-	
7	KOS-822+*	5.5	7.5	100	100	380	-	-	27.0	25.6	24.0	22.0	20.0	17.5	14.0	-	-	-	-	-	-	-	
8	KOS-830+*	5.5	7.5	80	65	380	-	-	-	-	18.7	17.9	17.0	16.0	15.0	13.8	12.4	10.5	7.0	-	-	-	
9	KOS-1030+*	7.5	10	100	100	380	-	-	32.0	31.0	29.8	28.2	27.0	26.4	23.5	21.0	18.0	13.5	-	-	-	-	
10	KOS-1040+*	7.5	10	80	65	380	-	-	-	20.6	20.3	19.9	19.4	18.9	18.3	17.7	17.0	16.4	15.5	14.5	13.5	9.5	
11	KOS-1331+	9.3	12.5	100	100	380	-	-	-	-	-	-	38.0	37.0	36.0	33.0	30.0	28.0	25.0	20.0	-	-	
12	KOS-1537+*	11	15	100	100	380	-	-	-	-	35.5	35.1	34.9	34.1	33.5	32.1	30.5	28.0	24.0	16.0	7.0		
							24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56
13	KOS-538+*	3.7	5	65	50	380	-	-	8.0	7.4	6.8	6.2	5.5	4.8	3.8	-	-	-	-	-	-	-	
14	KOS-550+*	3.7	5	50	40	380	-	-	-	-	-	-	4.3	4.1	3.8	3.5	3.2	2.7	2.2	1.0	-	-	
15	KOS-844+**	5.5	7.5	65	65	380	10.7	10.3	10.1	9.7	9.2	8.7	8.0	7.3	6.5	5.3	3.0	-	-	-	-	-	
16	KOS-852+*	5.5	7.5	65	50	380	-	-	-	-	8.4	8.2	7.9	7.7	7.3	6.9	6.5	6.0	5.5	4.7	4.0	-	
17	KOS-1050+**	7.5	10	65	65	380	12.8	12.6	12.4	12.2	12.0	11.7	11.3	10.9	10.5	10.0	9.4	8.7	8.0	7.0	6.0	4.0	
18	KOS-1348+	9.3	12.5	80	65	380	-	-	22.0	20.5	20.0	19.0	18.0	17.0	16.0	15.0	13.5	12.5	11.0	-	-	-	
19	KOS-1555+	11	15	80	65	380	19.5	19.4	19.1	18.8	18.5	18.2	17.8	17.4	16.8	16.1	15.5	14.5	13.5	12.0	10.0	7.5	
							42	44	46	48	50	52	56	60	64	68	72	76					
20	KOS-1065+*	7.5	10	65	50	380	7.1	7.0	6.8	6.6	6.4	6.2	5.7	5.1	4.2	2.8	-	-	-	-	-	-	
21	KOS-1575+	11	15	65	50	380	-	-	-	-	-	7.7	7.4	7.0	6.5	5.8	5.0	3.5	-	-	-	-	

Note: * Marked pumps are ISI certified and ** Marked pumps are star rated. Performance applicable to liquid of specific gravity 1 and Viscosity as of water.

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Established 1888

Service Toll-Free No.

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Enriching Lives



KOSi

SINGLE PHASE
OPEN-WELL PUMPS



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KIRLOSKAR PUMPS

TECHNICAL SPECIFICATION

Head Range	:	Upto 42 metres
Discharge Range	:	Upto 9.7 lps
Power Ratings	:	0.37 to 1.5 kW (0.5 to 2 HP)
Voltage Range	:	160 to 240 Volts (Single Phase)
Insulation	:	B Class
Protection	:	IP 68

MATERIAL OF CONSTRUCTION

Impeller	:	Cast Iron / Noryl
Delivery Casing	:	Cast Iron
Motor Body	:	Stainless Steel
Shaft	:	Stainless Steel

APPLICATIONS

- Domestic and community water supply
- Gardening and small farm irrigation
- Water fountains
- Construction site
- Water supply to over head tanks

FEATURES

Wide Voltage Design

The motor is designed to withstand wide voltage fluctuations from 350 to 440 volts and reduces motor burning in case of low voltage.

Lightweight And Compact Design

Constructed with special grade engineering materials, compact designs for ease of handling and installation.

Dynamically Balanced Rotating Parts

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

Replaceable Wearing Parts

All wearing parts within the pumps are easily accessible and replaceable which facilitates ease of maintenance thereby extending the life of the pump.

Easy Maintainable Designs

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

CED – Cathodic Electro Deposition

CED is the latest coating technology for corrosion resistance with uniform coating. It provides 5 times more protection over conventional painting, resulting in longer life. All major CI parts of Kirloskar pumps coming in contact with the water are CED coated.

High Efficiency And Energy Saving Design

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

Advanced Water Cooled Motors Designs

The motor is filled with potable water which protects it from overheating and facilitates smoother and trouble free operation for years.

PERFORMANCE CHART FOR 'KOSI' SERIES, 2 POLE, OPENWELL SUBMERSIBLE PUMPS, AT RATED SPEED, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		RATED VOLTAGE (Volts)	RATED SPEED (RPM)	TOTAL HEAD IN METERS																	
		kW	HP	SUC.	DEL			8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
								DISCHARGE IN LITRES PER SECOND																	
1	KOSI-0520	0.37	0.5	25	25	210	2740	-	-	1.7	1.5	1.0	0.5	-	-	-	-	-	-	-	-	-	-	-	-
2	KOSI-123	0.75	1	50	40	210	2800	-	4.3	3.7	3.3	3.0	2.3	1.6	-	-	-	-	-	-	-	-	-	-	-
3	KOSI-135	0.75	1	25	25	210	2800	-	-	-	-	-	2.2	2.0	1.7	1.6	1.4	1.0	0.8	0.3	-	-	-	-	-
4	KOSI-1.522	1.1	1.5	50	40	210	2800	6.3	5.8	5.5	5.0	4.5	3.7	3.0	1.5	-	-	-	-	-	-	-	-	-	-
5	KOSI-1.540	1.1	1.5	32	25	210	2800	-	-	-	-	-	-	-	-	2.8	2.6	2.3	2.0	1.6	1.2	0.7	-	-	-
6	KOSI-216	1.5	2	65	50	210	2840	-	9.7	8.2	7.0	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
7	KOSI-225	1.5	2	50	40	210	2840	-	-	-	5.7	5.0	4.4	4.0	3.2	2.3	-	-	-	-	-	-	-	-	-
8	KOSI-245*	1.5	2	32	25	210	2800	-	-	-	4.2	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.5	2.2	1.9	1.6	1.2	0.4

* Shortly awaited

Note : All pumps are five star rated.

Performance applicable to liquid of specific gravity 1 and viscosity as of water.

KIRLOSKAR BROTHERS LIMITED

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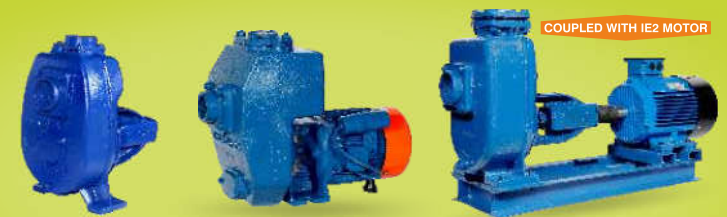
Established 1888

Service Toll-Free No.

1800 103 4443



SELF PRIMING DEWATERING PUMPS



SP BS

SP M

SP COUPLED

KIRLOSKAR PUMPS

TECHNICAL SPECIFICATION				
SP BARE SHAFT/MOTOR COUPLED			SP MONOBLOC	
Head Range	:	Upto 44 metres	Upto 24 metres	
Discharge Range	:	Upto 80 lps	Upto 17.5 lps	
Power Rating	:	0.75 - 18.7 kW (1 - 25 HP) Motor Coupled*	0.37 - 3.7 kW (0.5 - 5 HP)	
Voltage Range	:	415±10% (For motor coupled only)	300 - 440V (Three Phase) 180 - 240V (Single Phase)	
Class of Insulation	:	F Class (Motor coupled only)	B / F Class	
Protection	:	IP 55	IP 44 / IP 55	
*Energy Efficient IE2 Motor				

MATERIAL OF CONSTRUCTION				
	SP BARE SHAFT		SP MONOBLOC	SP MOTOR COUPLED
Impeller	:	Cast Iron / Stainless Steel/ Bronze	Cast iron / Stainless Steel/ Bronze	Cast Iron / Stainless Steel/ Bronze
Motor Body	:	-	Cast Iron	Cast Iron
Delivery Casing	:	Cast Iron	Cast Iron	Cast Iron
Shaft	:	Carbon Steel / Stainless Steel	Carbon Steel / Stainless Steel	Carbon Steel / Stainless Steel
Shaft Sleeve	:	Stainless Steel	Stainless Steel (Bronze –SP-3LM+)	Stainless Steel
Sealing	:	Gland Packed / Mechanical Seal	Gland Packed / Mechanical Seal	Gland Packed / Mechanical Seal

APPLICATIONS

- Handling chemicals, effluents, sewage, ash-water
- Dewatering foundation, trenches and pits
- Flood water handling
- Pumping water from docks, ports, vessels
- Dewatering from basements, multi-storeys, shopping malls, godowns
- Cooling water for marine engines and shovels

FEATURES

Self Priming
No need of foot valve and priming pumpset every time for quicker operations.
Non clog Impeller
Non clog impeller to handle suspended soft solids upto 60 MM in size made it suitable for sewage and dewatering applications.
Flatter Efficiency Curve
Minimum variations in efficiency during entire operating range increases the utility of pumpset for variable conditions.
Designed to Prevent Overloading
Lesser chances of motor burning as the motor does not get overloaded even if the pump is operated at a head lower than recommended, thus ensuring substantial cost savings due to low maintenance and breakdown.
Dynamically Balanced Rotating Parts
Minimum vibrations protect components from damages during the operations, thus ensuring consistent performance as concentricity is maintained.
Replaceable Wearing Parts
All wearing parts within the pumps are easily accessible and replaceable which facilitates ease of maintenance thereby extending the life of the pump.
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.

KIRLOSKAR PUMPS

PERFORMANCE CHART FOR 'SP' SERIES, SELF PRIMING, BARE / ENERGY EFFICIENT IE2 MOTOR COUPLED PUMPS, AT RATED SPEED																								
S. No.	Pump Model	Power Rating		Pump Size (mm)		Rated Voltage (Volts)	Impeller Dia. (mm)	Solid Handling Size (mm)	Rated Speed (RPM)	TOTAL HEAD IN METRES														
										6	8	10	12	14	15	17	19	22	23	25	28	30		
		kW	HP	SUC.	DEL.					DISCHARGE IN LITRES PER SECOND														
1	SP 0'	0.75	1	40	40	415	116	7.0	2760	4.6	4.1	3.6	2.7	1.5	0.8	-	-	-	-	-	-	-	-	-
2	SP 1H	1.5	2	40	40	415	134	8.5	2900	-	-	6.3	5.6	4.8	4.5	3.4	2.0	-	-	-	-	-	-	-
3	SP 2H	2.2	3	50	50	415	145	10.5	2900	-	-	9.2	8.7	8.1	7.8	7.0	6.0	4.2	3.5	1.8	-	-	-	-
4	SP 3L+	3.7	5	80	80	415	224	15.5	1450	-	-	18.0	16.5	13.5	11.5	8.0	2.5	-	-	-	-	-	-	-
5	SP 4LA+	7.5	10	100	100	415	292	18.5	1450	-	-	36.0	33.5	31.0	30.0	27.0	24.0	18.0	15.0	7.0	-	-	-	-
6	SP 4L+	9.3	12.5	100	100	415	292	23.0	1450	-	-	41.0	39.0	37.0	35.0	32.0	28.0	22.0	19.5	14.0	-	-	-	-
7	SP 6LA	15	20	150	150	415	296	34.0	1450	-	-	66.0	63.4	60.0	57.5	52.5	45.0	34.3	30.0	16.0	-	-	-	-
8	SP 6L	18.7	25	150	150	415	296	40.0	1450	-	-	75.0	72.5	68.7	66.2	61.3	55.0	45.0	40.0	27.5	-	-	-	-
9	SP 8LA	11	15	200	200	415	240	60.0	1450	-	80.0	72.0	60.0	32.0	20.0	-	-	-	-	-	-	-	-	-
										20	22	23	25	28	30	32	34	36	38	40	42	44		
10	SP 3A	3.7	5	80	80	415	174	7.0	2900	10.0	9.2	8.7	7.5	5.2	3.7	1.9	-	-	-	-	-	-	-	-
11	SP 3	5.5	7.5	80	80	415	174	14.5	2900	16.5	16.2	16.0	15.0	12.5	10.5	8.0	5.5	3.0	-	-	-	-	-	-
12	SP 3HH	9.3	12.5	80	80	415	194	14.5	2900	-	-	-	18.7	18.0	17.3	16.5	15.0	12.5	10.5	8.5	6.5	5.0		

Note: All pump sets are suitable with three phase Induction Motor. Performance applicable to liquid of specific gravity 1 and viscosity as of water.

PERFORMANCE CHART FOR 'SP-M' SERIES, SELF PRIMING MONOBLOC PUMPS, AT RATED SPEED, 50 Hz FREQUENCY, THREE PHASE A.C. POWER SUPPLY																						
S. No.	Pump Model	Power Rating		Pump Size (mm)		Impeller Dia. (mm)	Rated Voltage (Volts)	Solid Handling Size (mm)	Rated Speed (RPM)	TOTAL HEAD IN METRES												
										6	8	10	12	14	15	18	20	22	24			
		kW	HP	SUC.	DEL.					DISCHARGE IN LITRES PER SECOND												
1	SP 05M**	0.37	0.5	40	40	116	210/415	5	2700	3.1	2.6	2.1	1.2	-	-	-	-	-	-	-	-	
2	SP 01M*	0.75	1	40	40	116	210/415	7	2700	4.4	4.0	3.2	2.3	1.0	-	-	-	-	-	-	-	
3	SP 1HM	1.5	2	40	40	134	415	8.5	2800	-	-	5.9	5.1	4.2	3.1	1.5	-	-	-	-	-	
4	SP 2HM	2.2	3	50	50	145	415	10.5	2800	-	-	8.7	8.2	7.4	6.5	5.5	4.3	3.0	1.0	-	-	
5	SP 3LM+	3.7	5	80	80	224	415	15.5	1420	-	-	17.5	15.5	12.5	8.0	3.5	-	-	-	-	-	

Note: SP 05M and SP0M are supplied with mechanical seal arrangement and also available in single phase. All other models are supplied with stuffing box arrangement for gland packed or mechanical seal as per the requirement.

PERFORMANCE CHART FOR 'SP' SERIES, SELF PRIMING, ENGINE COUPLED PUMPS, AT RATED SPEED																						
S. No.	Pump Model	Power Rating		Pump Size (mm)		Impeller Dia. (mm)	Solid Handling Size (mm)	Rated Speed (RPM)	TOTAL HEAD IN METRES													
									10	12	14	15	16	18	19	20	22	24	25	26	28	
		kW	HP	SUC.	DEL.				DISCHARGE IN LITRES PER SECOND													
1	SP3L+	4	6	80	80	224	15.5	1500	-	18.0	15.5	14.0	12.5	8.2	6.0	3.5	-	-	-	-	-	
2	SP3L+	9	12	80	80	224	15.5	1800	-	-	-	-	22.0	21.0	20.0	19.0	16.7	13.7	12.0	10.0	6.0	
3	SP4LA+	9	12	100	100	292	18.5	1500	-	36.0	33.9	32.5	31.0	28.0	26.6	25.0	21.5	17.0	14.5	12.0	-	
4	SP4L+	10.5	14	100	100	292	23	1500	-	41.0	39.0	38.0	36.5	33.9	32.0	30.5	26.0	21.5	18.5	16.0	9.9	
5	SP6LA	16.5	22	150	150	296	34	1500	68	66.0	63.0	62.0	59.0	53.5	51.5	48.0	41.0	33.0	28.5	21.5	-	
6	SP6L	19.5	26	150	150	296	40	1500	-	76.0	73.0	71.0	68.0	63.5	61.5	58.0	51.0	43.5	38.8	32.5	-	

Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.