



Enriching Lives

INDUSTRIAL

PRODUCT RANGE

MONOBLOC PUMPS

Three Phase

**KDI****THREE PHASE
MONOBLOC PUMPS****FEATURES****Flatter Efficiency Curve**

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

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.

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.

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.

Dynamically Balanced Rotating Parts

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

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 Kiloskar pumps coming in contact with the water are CED coated.

Automatic Air Release

Automatically releases air when the pump starts which ensures swifter and smoother operations, thus eliminating the necessity of operating air release cock and ensures swifter and smoother operations.

Mechanical Seal

Superior quality of mechanical seal ensures zero leakage, lower friction loss, protects from wearing of shaft, thus resulting in easy maintenance and longer life.

TECHNICAL SPECIFICATION

Head Range	: Upto 76 metres
Discharge Range	: Upto 39 Ips
Power Ratings	: 1.5 to 22 kW (2 to 30 HP)
Voltage Range	: 350 to 440 Volts (Three Phase)
Insulation	: F Class
Protection	: IP 55

MATERIAL OF CONSTRUCTION

Impeller	: Cast Iron / Bronze / Stainless Steel
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Pump Shaft	: Stainless Steel
Sealing	: Mechanical Seal

APPLICATIONS

- Air conditioning and refrigeration systems
- Cooling towers
- Clear water handling at high pressure in industries
- Irrigation in horticulture & agriculture
- Fire fighting systems



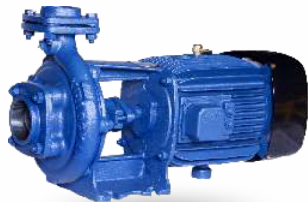
PERFORMANCE CHART FOR 'KDI' SERIES, 2 POLE, MONOBLOC PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, THREE PHASE A.C. POWER SUPPLY																									
S. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METRES																		
		kW	HP	SUC.	DEL.		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36			
							DISCHARGE IN LITRES PER SECOND																		
1	KDI-216+	1.5	2	65	50	415	-	11.0	10.0	8.8	7.1	4.0	-	-	-	-	-	-	-	-					
2	KDI-225++	1.5	2	50	40	415	-	5.3	5.1	4.9	4.7	4.5	4.2	3.9	3.5	3.1	-	-	-	-					
3	KDI-318++	2.2	3	65	50	415	-	13.4	12.8	11.7	10.7	9.2	7.5	-	-	-	-	-	-	-					
4	KDI-318++	2.2	3	80	65	415	-	13.4	12.8	11.7	10.7	9.2	7.5	-	-	-	-	-	-	-					
5	KDI-325++	2.2	3	65	50	415	-	9.2	8.8	8.4	7.9	7.4	7.0	6.4	5.6	4.9	-	-	-	-					
6	KDI-515	3.7	5	100	100	415	32.8	31.0	28.0	24.2	19.0	12.5	-	-	-	-	-	-	-	-					
7	KDI-520+	3.7	5	80	80	415	24.0	23.0	22.0	20.8	19.5	17.9	16.0	14.0	11.0	-	-	-	-	-					
8	KDI-527++	3.7	5	80	65	415	-	-	-	-	-	14.3	13.5	12.5	11.6	10.3	8.7	6.4	-	-					
9	KDI-822++	5.5	7.5	100	100	415	-	-	-	27.3	25.6	24.0	22.2	20.1	17.6	14.5	-	-	-	-					
10	KDI-830++	5.5	7.5	80	65	415	-	-	-	-	-	19.0	18.2	17.3	16.4	15.4	14.2	12.7	11.1	-					
11	KDI-1030+	7.5	10	100	100	415	-	-	-	32.0	31.0	29.8	28.5	27.0	25.0	23.5	21.0	18.0	-	-					
12	KDI-1331+	9.3	12.5	100	100	415	-	-	-	37.5	36.5	35.5	34.5	33.4	32.0	30.5	29.0	26.5	23.8	19.8	12.0	-			
										8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	40
13	KDI-235+	1.5	2	50	40	415	-	4.1	4.1	4.1	3.7	3.5	3.4	3.2	3.0	2.5	2.2	1.8	1.3	0.5	-	-	-	-	
14	KDI-335++	2.2	3	50	40	415	-	-	5.7	4.9	4.8	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.2	2.7	2.0	-	-	-	
15	KDI-538+	3.7	5	65	50	415	-	-	-	-	-	-	8.5	8.4	8.3	8.1	7.8	7.6	7.1	6.5	5.8	-	-	-	
16	KDI-837+	5.5	7.5	65	65	415	-	-	-	-	-	-	-	-	12.6	12.5	12.2	11.8	11.1	10.3	9.0	-	-	-	
17	KDI-1040+	7.5	10	80	65	415	-	23.5	23.0	22.6	22.2	21.6	20.9	20.3	19.5	18.7	17.9	17.0	15.7	14.6	13.4	9.6	-	-	
18	KDI-1537+	11	15	100	100	415	-	39.0	38.5	38.0	37.2	36.5	35.3	34.5	33.0	31.6	-	-	-	-	-	-	-	-	

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METERS																				
		kW	HP	SUC.	DEL.		14	16	18	20	22	24	26	28	30	32	34	36	40	44	48	52	56	60			
							DISCHARGE IN LITRES PER SECOND																				
19	KDI-550++	3.7	5	90	40	415	-	-	-	-	-	-	-	-	-	-	-	4.1	3.7	3.3	2.7	2.0	-	-			
20	KDI-844++	5.5	7.5	65	65	415	-	-	-	-	-	-	-	-	10.3	9.9	9.5	9.0	8.4	7.1	4.7	-	-	-			
21	KDI-852++	5.5	7.5	65	50	415	-	-	-	-	-	-	-	-	-	-	8.6	8.3	8.1	7.5	6.8	5.9	4.5	-			
22	KDI-1050+	7.5	10	65	65	415	-	-	-	-	-	-	12.5	12.2	12.0	11.7	11.4	10.7	9.6	8.1	6.0	-	-	-			
23	KDI-1348+	9.3	12.5	80	65	415	-	-	19.5	19.2	19.0	18.5	18.2	17.5	17.3	16.5	15.8	14.3	11.9	6.0	-	-	-	-			
24	KDI-1555+	11	15	80	65	415	-	-	-	19.9	19.8	19.6	19.5	19.4	19.2	18.8	18.5	17.4	16.0	14.5	12.2	-	-	-			
25	KDI-2050+	15	20	100	90	415	35.0	34.2	33.8	33.0	32.2	30.9	30.4	29.3	28.5	28.8	28.0	27.0	25.0	22.5	19.4	13.0	-	-			
										18	22	26	28	30	32	34	36	40	44	48	52	56	60	64	68	72	76
26	KDI-1065+	7.5	10	65	50	415	-	-	-	-	-	-	-	-	7.8	7.4	6.9	6.4	5.8	5.1	4.3	3.0	-	-	-		
27	KDI-1360+	9.3	12.5	65	50	415	12.8	12.7	12.6	12.5	12.3	12.2	12	11.7	11.3	10.7	10	9	8.25	7	-	-	-	-	-		
28	KDI-1570+	11	15	65	50	415	-	-	-	13.4	13.2	13.0	12.8	12.7	12.5	11.7	11.5	10.7	9.7	9.0	8.0	6.5	-	-	-		
29	KDI-1575+	11	15	65	50	415	-	-	-	-	-	-	-	-	-	-	8.1	7.7	7.4	6.9	6.4	5.8	4.9	-	-		
30	KDI-2560+	16.5	25	100	80	415	-	-	-	-	-	-	-	-	-	-	26	23.5	21	17	7	-	-	-	-		
31	KDI-3068+	22	30	100	80	415	-	-	-	-	-	-	-	-	-	-	28.0	26.5	24.5	21.5	17.5	10.0	-	-	-		



KDS/GMC

THREE PHASE
MONOBLOC PUMPS



FEATURES

Flatter Efficiency Curve

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

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.

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.

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.

Dynamically Balanced Rotating Parts

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

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.

Automatic Air Release

Automatically releases air when the pump starts which ensures swifter and smoother operations, thus eliminating the necessity of operating air release cock and ensures swifter and smoother operations.

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.

TECHNICAL SPECIFICATION

Head Range	: Upto 76 metres
Discharge Range	: Upto 49 lps
Power Ratings	: 0.37 to 22 kW (0.5 to 30 HP)
Voltage Range	: 300 to 440 Volts (Three Phase)
Insulation	: B Class (upto 7.5 HP) / F Class (above 7.5 HP)
Protection	: IP 44 / IP 55

MATERIAL OF CONSTRUCTION

	GMC	KDS
Impeller	: Cast Iron / Noryl	Cast Iron
Delivery Casing	: Cast Iron	Cast Iron
Motor Body	: Cast Iron	Cast Iron
Pump Shaft	: Carbon Steel/ Stainless Steel	Carbon Steel
Sealing	: Mechanical Seal	Gland Packed

APPLICATIONS

- Air conditioning and refrigeration systems
- Cooling towers
- Clear water handling at high pressure in industries
- Irrigation in horticulture & agriculture
- Fire fighting systems

PERFORMANCE CHART FOR 'KDS+ / KDS++ / GMC' SERIES, 2 POLE, MONOBLOC 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 METRES																
		kW	HP	SUC.	DEL.		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	40
							DISCHARGE IN LITRES PER SECOND																
1	KDS0510*	0.37	0.5	50	40	415	3.4	2.6	1.0	-	-	-	-	-	-	-	-	-	-	-	-		
2	GMC-112	0.75	1.02	50	50	415	6.9	5.5	3.9	2.0	-	-	-	-	-	-	-	-	-	-	-		
3	GMC-116+**	0.75	1.02	50	40	415	5.4	5.0	4.6	4.2	3.6	3.0	2.0	-	-	-	-	-	-	-	-		
4	GMC-123+*	0.75	1.02	32	25	415	-	-	4.0	3.6	3.2	2.7	2.2	1.6	0.9	-	-	-	-	-	-		
5	GMC-128+*	0.75	1.02	40	40	415	-	-	-	-	1.9	1.8	1.7	1.5	1.4	1.1	0.8	0.4	-	-	-		
6	GMC-134	0.75	1.02	25	25	415	-	-	-	-	-	1.7	1.6	1.5	1.4	1.2	1.0	0.9	0.7	0.4	-		
7	GMC-1.514+	1.1	1.5	50	50	415	-	6.3	7.1	5.7	3.6	-	-	-	-	-	-	-	-	-	-		
8	GMC-1.522++	1.1	1.5	50	40	415	-	6.3	5.9	5.5	5.1	4.5	3.9	3.1	1.8	-	-	-	-	-	-		
9	GMC-1.525+	1.1	1.5	50	40	415	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.0	1.8	1.6	-	-	-	-		
10	GMC-1.540	1.1	1.5	32	25	415	-	-	-	-	-	-	-	2.0	1.9	1.7	1.6	1.5	1.3	1.1	0.9	0.6	
11	KDS-212+	1.5	2	80	80	415	14.1	12.4	10.5	7.5	-	-	-	-	-	-	-	-	-	-	-		
12	KDS-216+**	1.5	2	65	50	415	-	11.0	10.0	8.8	7.1	4.0	-	-	-	-	-	-	-	-	-		
13	KDS-225+***	1.5	2	50	40	415	-	5.3	5.1	4.9	4.7	4.5	4.2	3.9	3.5	3.1	-	-	-	-	-		
14	KDS-235+	1.5	2	50	40	415	-	-	4.1	4.1	4.1	3.7	3.5	3.4	3.2	3.0	2.5	2.2	1.8	1.3	0.5	-	
15	KDS-314+*	2.2	3	80	80	415	19.0	18.0	16.4	14.5	12.0	-	-	-	-	-	-	-	-	-	-		
16	KDS-318+**	2.2	3	80	65	415	-	13.4	12.6	11.7	10.7	9.2	7.5	-	-	-	-	-	-	-	-		
17	KDS-325+***	2.2	3	65	50	415	-	-	9.2	8.8	8.4	7.9	7.4	7.0	6.4	5.8	4.9	-	-	-	-		
18	KDS-335+**	2.2	3	50	40	415	-	-	5.7	4.9	4.8	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.2	2.7	2.0	-	
19	KDS-515+*	3.7	5	100	100	400	32.8	31.0	28.0	24.2	19.0	12.5	-	-	-	-	-	-	-	-	-		
20	KDS-520+*	3.7	5	80	80	400	24.0	23.0	20.8	19.5	17.9	16.0	14.0	11.0	-	-	-	-	-	-	-		
21	KDS-527+***	3.7	5	80	65	400	-	-	-	-	-	14.3	13.5	12.5	11.5	10.3	8.7	6.4	-	-	-		
22	KDS-538+**	3.7	5	65	50	400	-	-	-	-	-	-	8.5	8.4	8.3	8.1	7.8	7.6	7.1	6.5	5.8	-	
23	KDS-822+**	5.5	7.5	100	100	400	-	-	27.3	25.6	24.0	22.2	20.1	17.6	14.5	-	-	-	-	-	-	-	
24	KDS-830+**	5.5	7.5	80	65	400	-	-	-	-	19.0	18.2	17.3	16.4	15.4	14.2	12.7	11.1	-	-	-	-	
25	KDS-837	5.5	7.5	65	65	400	-	-	-	-	-	-	-	-	12.6	12.5	12.2	11.8	11.1	10.3	9.0	-	
26	KDS-1030+**	7.5	10	100	100	415	-	-	32.0	31.0	29.8	28.5	27.0	25.0	23.5	21.0	18.0	-	-	-	-	-	
27	KDS-1040+*	7.5	10	80	65	415	-	-	23.5	23.0	22.6	22.2	21.6	20.9	20.3	19.5	18.7	17.9	17.0	15.7	14.6	13.4	9.6
28	KDS-1331+*	9.3	12.5	100	100	415	-	-	37.5	36.5	35.5	34.5	33.4	32.0	30.5	29.0	26.5	23.8	19.8	12.0	-	-	-
29	KDS-1537+*	11	15	100	100	415	-	39.0	38.5	38.0	37.2	36.5	35.3	34.5	33.0	31.6	30.0	28.0	25.0	22.0	17.5	-	-
30	KDS-2030+	15	20	125	125	415	-	-	-	-	49.0	47.0	45.0	42.0	39.0	35.0	30.0	21.0	-	-	-	-	-



PERFORMANCE CHART FOR 'KDS+' / 'KDS++' / 'GMC' SERIES, 2 POLE, MONOBLOC 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 METRES																
		kW	HP	SUC.	DEL.		14	16	18	20	22	24	26	28	30	32	34	36	40	44	48	52	56
							DISCHARGE IN LITRES PER SECOND																
31	KDS-550+ +*	3.7	5	50	40	400	-	-	-	-	-	-	-	-	-	-	-	4.1	3.7	3.3	2.7	2.0	-
32	KDS-844+ +	5.5	7.5	85	65	400	-	-	-	-	-	-	10.3	9.9	9.5	9.0	8.4	7.1	4.7	-	-	-	
33	KDS-852+ +	5.5	7.5	65	50	400	-	-	-	-	-	-	-	-	8.6	8.3	8.1	7.5	6.8	5.9	4.5	-	
34	KDS-1050+ +*	7.5	10	85	65	415	-	-	-	-	-	-	12.5	12.2	12.0	11.7	11.4	10.7	9.6	8.1	6.0	-	
35	KDS-1348+ +*	9.3	12.5	80	65	415	-	-	-	19.5	19.2	19.0	18.5	18.2	17.5	17.3	16.5	15.8	14.3	11.9	6.0	-	-
36	KDS-1555+ +*	11	15	80	65	415	-	-	-	19.9	19.8	19.6	19.5	19.4	19.2	19.8	15.5	17.4	16.0	14.5	12.2	-	-
37	KDS-2050+ +*	15	20	100	80	415	35.0	34.2	33.8	33.0	32.2	31.9	30.4	29.8	29.5	28.8	28.0	27.0	25.0	22.5	19.4	13.0	-

PERFORMANCE CHART FOR *KDS+ / KDS++ / GMC' SERIES, 2 POLE, MONOBLOC 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 METRES																	
		kW	HP	SUC.	DEL.		18	22	26	28	30	32	34	36	40	44	48	52	56	60	64	68	72	76
							DISCHARGE IN LITRES PER SECOND																	
38	KDS-1065+	7,5	10	65	50	415	-	-	-	-	-	-	-	-	7,8	7,4	6,9	6,4	5,8	5,1	4,3	3,0	-	-
39	KDS-1360+*	9,3	12,5	65	50	415	12,8	12,7	12,6	12,5	12,3	12,2	12	11,7	11,3	10,7	10	9	8,25	7	-	-	-	-
40	KDS-1570+*	11	15	65	50	415	-	-	-	13,4	13,2	13,0	12,8	12,7	12,5	11,7	11,5	10,7	9,7	9,0	8,0	6,5	-	-
41	KDS-1575+	11	15	65	50	415	-	-	-	-	-	-	-	-	-	-	-	8,1	7,7	7,4	6,9	6,4	5,8	4,9
42	KDS-2560+*	18,5	25	100	80	415	-	-	-	-	-	-	-	-	-	26	23,5	21	17	7	-	-	-	-
43	KDS-3068+*	22	30	100	80	415	-	-	-	-	-	-	-	-	-	-	29,0	26,5	24,5	21,5	17,5	10,0	-	-

Note:

* Marked pumps are ISI certified and ** Marked pumps are star rated.

GMC-129+ can also be offered with pipe size 50x40 mm, 50x40 mm. KDS-318+ can also be offered with pipe size 65x50 mm.

All the pump set from 0.5 H.P To 1.5 H.P in mechanical seal arrangement .

2 H.P to 20 H.P gland pack arrangement except - KDS-212+ it is supplied only in mechanical seal arrangement.

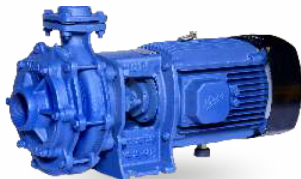
Performance applicable to liquid of specific gravity 1 and viscosity as of water.



KDT

THREE PHASE MONOBLOC PUMPS

❖ TWO STAGE ❖



FEATURES

Flatter Efficiency Curve

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

High Head Applications

The pump has been designed to deliver large volumes of water for high head applications, helping customers to achieve high turnaround time and productivity.

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.

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.

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.

Dynamically Balanced Rotating Parts

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

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.

Automatic Air Release

Automatically releases air when the pump starts which ensures swifter and smoother operations, thus eliminating the necessity of operating air release cock and ensures swifter and smoother operations.

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.

TECHNICAL SPECIFICATION

Head Range	: Upto 98 metres
Discharge Range	: Upto 20 lps
Power Ratings	: 3.7 to 15 kW (5 to 20 HP)
Voltage Range	: 300 to 440 Volts (Three Phase)
Insulation	: B / F Class
Protection	: IP 44 / IP 55

MATERIAL OF CONSTRUCTION

Impeller	: Cast Iron / Bronze / Stainless Steel
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Pump Shaft	: Carbon Steel / Stainless Steel
Sealing	: Gland Packed / Mechanical Seal

APPLICATIONS

- Air conditioning and refrigeration systems
- Cooling towers
- Clear water handling at high pressure in industries
- Fire fighting systems
- Industrial pressure boosting

PERFORMANCE CHART FOR 'KDT+' SERIES, 2 POLE, MONOBLOC 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 METRES												
		kW	HP	SUC.	DEL.		28	32	36	40	44	48	52	56	60	64	68	72	76
							DISCHARGE IN LITRES PER SECOND												
1	KDT-544*	3.7	5	65	50	400	6.8	6.2	5.6	4.8	3.5	-	-	-	-	-	-	-	
2	KDT-568+	3.7	5	50	40	400	-	-	4.3	4.0	3.7	3.4	3.0	2.5	2.0	1.2	-	-	
3	KDT-844+	5.5	7.5	80	65	400	11.8	10.9	10.0	9.0	7.5	-	-	-	-	-	-	-	
4	KDT-864**	5.5	7.5	65	50	400	-	-	7.3	7.0	6.5	6.0	5.5	5.0	4.2	2.7	-	-	
5	KDT-1050**	7.5	10	80	65	415	13.8	13.2	12.4	11.5	10.5	9.2	7.8	-	-	-	-	-	
6	KDT-1078+	7.5	10	65	50	415	-	-	8.2	8.0	7.8	7.5	7.1	6.7	6.2	5.6	4.9	4.0	
7	KDT-1372**	9.3	12.5	65	65	415	-	-	11.5	11.0	10.5	9.5	9.2	9.0	7.8	7.0	6.0	4.5	
8	KDT-2070**	15	20	80	65	415	-	-	-	20.0	19.0	18.0	17.0	16.0	15.0	13.5	12.0	9.0	
							48	52	56	60	64	68	72	76	80	90	94	98	
9	KDT-1388+	9.3	12.5	65	50	415	-	-	-	7.5	6.9	6.5	6.2	5.8	5.4	3.9	-	-	
10	KDT-1580**	11	15	65	65	415	11.2	10.5	10.1	9.5	9.0	8.3	7.8	7.1	6.2	3.2	-	-	
11	KDT-1598+	11	15	65	50	415	-	-	-	-	-	-	7.8	7.1	6.7	5.7	5.3	4.8	
12	KDT-2095**	15	20	65	65	415	-	-	-	-	-	12.0	11.5	10.9	10.2	8.0	7.0	5.5	

Note: * Marked pumps are ISI certified.

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



SRF

THREE PHASE MONOBLOC PUMPS

❖ TWO STAGE ❖



FEATURES

Flatter Efficiency Curve

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

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.

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.

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.

Dynamically Balanced Rotating Parts

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

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 Kiloskar pumps coming in contact with the water are CED coated.

Automatic Air Release

Automatically releases air when the pump starts which ensures swifter and smoother operations, thus eliminating the necessity of operating air release cock and ensures swifter and smoother operations.

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.

TECHNICAL SPECIFICATION

Head Range	:	Upto 94 metres
Discharge Range	:	Upto 28.5 lps
Power Ratings	:	18.3 to 22 kW (25 to 30 HP)
Voltage Range	:	300 to 440 Volts (Three Phase)
Insulation	:	F Class
Protection	:	IP 55

MATERIAL OF CONSTRUCTION

Impeller	:	Cast Iron
Delivery Casing	:	Cast Iron
Motor Body	:	Cast Iron
Pump Shaft	:	Carbon Steel
Sealing	:	Gland Packed

APPLICATIONS

- Fire fighting systems
- Clear water handling at high pressure in industries
- Water supplies for high rise building
- Irrigation in horticulture & agriculture
- Washing and cleaning systems



PERFORMANCE CHART FOR 'SRF' SERIES, 2 POLE, MONOBLOC 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 METRES														
		kW	HP	SUC.	DEL.		32	36	40	44	48	52	56	60	64	68	72	76	80	90	94
							DISCHARGE IN LITRES PER SECOND														
1	SRF-2570	18,3	25	100	100	415	-	-	23,0	21,5	20,2	19,2	18,0	16,0	14,3	12,0	8,0	-	-	-	-
2	SRF-3085	22	30	100	100	415	26,5	28,0	26,5	25,0	24,0	22,8	21,5	20,0	18,3	17,2	15,8	13,6	11,5	3,5	-
3	SRF-3095	22	30	100	100	415	-	-	-	-	-	-	-	-	-	19,3	19,1	17,5	16,0	10,0	6,0

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


KS
**THREE PHASE
MONOBLOC PUMPS**

❖ SLOW SPEED ❖


FEATURES
Flatter Efficiency Curve

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

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.

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.

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.

Dynamically Balanced Rotating Parts

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

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 Kirkoskar pumps coming in contact with the water are CED coated.

Automatic Air Release

Automatically releases air when the pump starts which ensures swifter and smoother operations, thus eliminating the necessity of operating air release cock and ensures swifter and smoother operations.

TECHNICAL SPECIFICATION

Head Range	: Upto 22 metres
Discharge Range	: Upto 72.5 lps
Power Ratings	: 2.2 to 7.5 kW (3 to 10 HP)
Voltage Range	: 300 to 440 Volts (Three Phase)
Insulation	: B / F Class
Protection	: IP 44 / IP 55

MATERIAL OF CONSTRUCTION

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Shaft	: Carbon Steel
Sealing	: Gland Packed

APPLICATIONS

- Cooling towers
- Irrigation in horticulture & agriculture
- Swimming pool application
- Water transfer and circulation
- Air conditioning and refrigeration systems

PERFORMANCE CHART FOR 'KS+' SERIES, 4 POLE, MONOBLOC 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)	Rated Speed (RPM)	TOTAL HEAD IN METRES									
		kW	HP	SUC.	DEL.			5	6	8	10	12	14	16	18	20	22
								DISCHARGE IN LITRES PER SECOND									
1	KS-316+*	2.2	3	65	50	415	1400	-	-	-	-	13.4	11.6	9.3	-	-	-
2	KS-513+*	3.7	5	100	100	415	1420	-	34.0	30.9	27.0	22.0	-	-	-	-	-
3	KS-516+*	3.7	5	80	65	415	1420	-	-	-	-	23.7	20.8	17.5	13.2	-	-
4	KS-810+	5.5	7.5	150	150	400	1420	66.0	63.5	55.0	43.5	-	-	-	-	-	-
5	KS-817+*	5.5	7.5	100	100	400	1420	-	-	-	34.4	31.8	29.0	25.3	19.2	-	-
6	KS-823+*	5.5	7.5	100	80	400	1420	-	-	-	-	-	27.3	25.0	22.2	18.6	14.5
7	KS-1012+	7.5	10	150	150	400	1420	-	72.5	67.0	59.5	49.5	30.0	-	-	-	-
8	KS-1022+*	7.5	10	100	100	400	1430	-	-	-	-	-	36.0	33.0	29.0	24.2	17.5

Note: * Marked pumps are ISI certified.





Enriching Lives

INDUSTRIAL

PRODUCT RANGE

OPENWELL SUBMERSIBLE PUMPS

Three Phase



KOSM

THREE PHASE
OPEN-WELL PUMPS



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.

TECHNICAL SPECIFICATION

Head Range	:	Upto 38 metres
Discharge Range	:	Upto 11 lps
Power Ratings	:	0.37 to 1.5 kW (0.5 to 2 HP)
Voltage Range	:	300 to 440 Volts (Three Phase)
Insulation	:	B Class
Protection	:	IP 68

MATERIAL OF CONSTRUCTION

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

APPLICATIONS

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

PERFORMANCE CHART FOR 'KOS-M' SERIES, 2 POLE, OPENWELL SUBMERSIBLE PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, THREE PHASE A.C. POWER SUPPLY																				
Sr. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Voltage (Volts)	TOTAL HEAD IN METRES													
		kW	HP	SUC.	DEL.		8	10	12	14	16	18	20	22	24	26	28	30	32	34
							DISCHARGE IN LITERS PER SECOND													
1	KOS-0516M	0,37	0,5	25	25	415	1,7	1,6	1,5	1,3	0,9	0,4	-	-	-	-	-	-	-	
2	KOS-116M	0,75	1,02	50	40	415	4,8	4,4	3,9	3,1	1,9	-	-	-	-	-	-	-	-	
3	KOS-123M	0,75	1,02	32	25	415	4,8	4,6	4,2	3,8	3,5	3	2,4	1,8	-	-	-	-	-	
4	KOS-128M	0,75	1,02	25	25	415	-	-	1,9	1,8	1,8	1,7	1,5	1,2	0,6	-	-	-	-	
5	KOS-134M	0,75	1,02	25	25	415	-	-	1,9	1,8	1,8	1,7	1,6	1,5	1,4	1,3	1,1	0,9	0,6	
6	KOS-1,522M	1,1	1,5	50	40	415	6,1	5,8	5,3	4,8	4,3	3,6	2,5	-	-	-	-	-	-	
7	KOS-1,525M	1,1	1,5	50	40	415	-	-	-	-	3,4	3,2	2,9	2,6	2,4	2,1	1,7	1	-	
8	KOS-216M	1,5	2	65	50	415	11	9,9	8,7	7	-	-	-	-	-	-	-	-	-	
9	KOS-225M	1,5	2	50	40	415	-	-	4,8	4,6	4,4	4,2	3,7	3,2	2,5	-	-	-	-	
10	KOS-235M	1,5	2	50	40	380	-	-	4,4	4,2	4	3,8	3,5	3,2	2,9	2,5	2	1,4	0,2	
							12	14	16	18	20	22	24	26	28	30	32	34	36	38
11	KOS-1,540M	1,1	1,5	32	25	415	-	-	-	-	-	-	1,9	1,8	1,6	1,4	1,3	1,1	0,9	0,6

Note : All models are also available in single phase. expect KOS-235M
Performance applicable to liquid of specific gravity 1 and Viscosity as of water.

KOS

THREE PHASE
OPEN-WELL PUMPS



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.

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

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	12.9	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	3.3	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	85	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	85	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	12.0	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	6.9	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	4.0
							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.