

Enriching Lives

STRENGTHENED BY
99.9%
PURE EC GRADE
COPPER
WINDING WIRES

KIRLOSKAR PUMPS
VERSATILE AND **RELIABLE,**
FOR EVERY USE, EVERYWHERE

PRODUCT CATALOGUE



KIRLOSKAR BROTHERS LIMITED

Established 1888

A Kirloskar Group Company

A HISTORY OF EXCELLENCE

Kirloskar Brothers Limited is a world-class pump manufacturing company with experience in engineering and manufacture of systems for fluid management. Established in 1888 and incorporated in 1920, KBL is the 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 ensure the lowest life cycle cost; it 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 reduces overall energy use, enhancing efficiency and cost saving.







Enriching Lives

OTHER PRODUCT RANGE

END-SUCTION PUMPS



NW/NWD

END-SUCTION
PUMPS

FEATURES

Flatter Efficiency Curve

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

Automatic Air Release

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

Design to Prevent Overloading

Lesser chances of motor burning as it does not get overloaded even if the pump is operated at a heat lower than recommended, thus ensuring substantial cost saving due to low maintenance and breakdown.

Replaceable Wearing Parts

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

Dynamically Balanced Rotating Parts

Minimum vibration protect components from damage during the operation, thus ensuring consistent performance as concentricity is maintained.

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.

Highly Efficient and Flexible Design

Designed to run directly through pulley with engine / motor.

TECHNICAL SPECIFICATION

	Engine Coupled	Motor Coupled
Head	- Up to 44 Metres	Up to 32 Meters
Discharge Range	- Up to 96.5 LPS	Up to 87 LPS
Power Rating	- 3.7 to 18.7 kW (5 to 25 HP)	2.2 to 11 kW (3 to 15 HP)

MATERIAL OF CONSTRUCTION

Impeller	- Cast Iron
Delivery casing	- Cast Iron
Pump shaft	- Carbon Steel

APPLICATIONS

- Irrigation in (horticulture & agriculture)
- Rural water supply
- Mounting on water tanker





PERFORMANCE CHART FOR NW / NW+ / NWD ENGINE COUPLED END SUCTION PUMPS AT RATED SPEED																																		
Sr. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Speed (RPM)	Impeller Diameter (mm)	TOTAL HEAD IN METRES																										
		kW	HP	SUC.	DEL			5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27				
								DISCHARGE IN LITRES PER SECOND																										
1	NW1+ / NW1D	4.3	5.7	65	50	1800	207	-	-	-	-	-	-	-	-	-	-	-	16.7	16.0	15.0	13.7	12.4	-	-	-	-	-						
2	NW1+ / NW1D	6	8	65	50	1800	223	-	-	-	-	-	-	-	-	-	-	-	19.8	18.5	18.0	17.3	16.4	15.2	14.1	12.6	-	-						
3	NW2+ / NW2D	3.7	5	80	65	1500	223	-	-	-	-	-	-	22.0	20.8	19.3	17.9	16.0	14.0	-	-	-	-	-	-	-	-	-						
4	NW2M+ / NW2DM+	3.7	5	80	80	1500	223	-	-	-	-	-	-	22.0	20.8	19.3	17.9	16.0	14.0	-	-	-	-	-	-	-	-	-						
5	NW2+ / NW2D	5.2	7	80	65	1800	203	-	-	-	-	-	-	-	24.0	23.1	21.8	20.6	19.5	18.0	16.0	14.0	-	-	-	-	-	-						
6	NW2M+ / NW2DM+	5.2	7	80	80	1800	203	-	-	-	-	-	-	-	24.0	22.8	21.8	20.7	19.5	18.0	16.0	14.0	-	-	-	-	-	-						
7	NW2+ / NW2D	6	8	80	65	1800	212	-	-	-	-	-	-	-	-	-	-	24.7	23.5	22.3	21.0	19.5	18.0	16.3	-	-	-	-						
8	NW2M+ / NW2DM+	6	8	80	80	1800	212	-	-	-	-	-	-	-	-	-	-	24.7	23.5	22.3	21.0	19.5	18.0	16.3	-	-	-	-						
9	NW2+ / NW2D	6.5	8.7	80	65	2000	196	-	-	-	-	-	-	-	-	-	-	-	25.0	24.0	22.7	21.4	20.0	18.7	17.1	-	-	-						
10	NW2M+ / NW2DM+	6.5	8.7	80	80	2000	196	-	-	-	-	-	-	-	-	-	-	-	25.0	24.0	22.7	21.4	20.0	18.7	17.1	-	-	-						
11	NW3+ / NW3+D	3.7	5	65	50	1500	239	-	-	-	-	-	-	-	-	-	-	14.3	13.5	12.7	11.7	10.7	9.5	-	-	-	-	-						
12	NW4+ / NW4D	3.7	5	100	100	1500	197	-	34.0	32.5	30.7	29.0	26.5	23.7	20.0	-	-	-	-	-	-	-	-	-	-	-	-	-						
13	NW4+ / NW4D	4.3	5.7	100	100	1800	167	-	35.0	33.5	32.0	30.0	28.0	25.0	21.9	-	-	-	-	-	-	-	-	-	-	-	-	-						
14	NW4+ / NW4D	4.5	6	100	100	1500	201	-	35.5	34.4	33.0	31.0	29.0	26.2	22.7	17.7	-	-	-	-	-	-	-	-	-	-	-	-						
15	NW4+ / NW4D	5.2	7	100	100	1500	206	-	-	36.0	34.5	33.0	31.1	29.0	26.7	23.5	-	-	-	-	-	-	-	-	-	-	-	-						
16	NW4+ / NW4D	5.2	7	100	100	1800	184	-	-	-	37.5	36.0	34.3	32.6	30.8	28.6	26.0	23.0	-	-	-	-	-	-	-	-	-	-						
17	NW4+ / NW4D	6	8	100	100	1800	188	-	-	-	37.0	36.0	34.7	33.4	31.6	29.7	27.4	24.5	20.0	-	-	-	-	-	-	-	-	-						
18	NW4+ / NW4D	6.5	8.7	100	100	2000	173	-	-	-	38.0	36.5	35.8	34.5	33.0	31.0	28.0	25.0	-	-	-	-	-	-	-	-	-	-						
19	NW7+ / NW7+D	4.5	6	100	80	1500	218	-	-	-	-	-	24.6	23.3	21.8	20.0	18.0	15.3	-	-	-	-	-	-	-	-	-	-						
20	NW7+ / NW7+D	5.2	7	100	80	1500	230	-	-	-	-	-	-	26.5	25.0	23.7	22.0	20.2	18.0	15.3	-	-	-	-	-	-	-	-						
21	NW7 / NW7D	6.5	8.7	100	80	1500	255	-	-	-	-	-	30.6	29.9	29.0	28.0	27.0	26.0	24.6	23.4	22.0	20.8	19.2	17.9	15.0	-	-	-						
22	NW7+ / NW7+D	7.5	10	100	80	1500	255	-	-	-	-	-	-	-	-	-	29.0	27.7	26.5	25.2	23.6	22.0	20.0	17.8	-	-	-	-						
23	NW7+ / NW7+D	8.6	11.5	100	80	1800	226	-	-	-	-	-	-	-	-	-	-	-	31.0	30.0	28.6	27.2	26.0	24.5	23.0	21.0	18.7	-						
24	NW8+ / NW8+D	7.5	10	100	100	1500	245	-	-	-	40.0	39.0	38.2	37.0	36.0	34.8	33.5	32.0	30.2	28.0	26.0	23.0	-	-	-	-	-	-						
25	NW9D	4.5	6	125	125	1500	177	58.7	53.2	48.0	42.0	33.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
26	NW9D	5.2	7	125	125	1500	183	-	57.6	52.5	47.0	41.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
27	NW9D	7.5	10	125	125	1500	198	-	66.0	61.5	57.0	51.3	45.0	37.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
28	NW9D	8.6	11.5	125	125	1800	175	-	-	-	65.0	61.2	56.7	51.7	45.2	-	-	-	-	-	-	-	-	-	-	-	-	-						
29	NW9D	9	12	125	125	1500	205	-	-	65.5	61.5	57.3	52.7	48.0	40.5	-	-	-	-	-	-	-	-	-	-	-	-	-						
30	NW9D	10.4	14	125	125	1800	186	-	-	-	72.0	68.7	65.0	61.1	56.4	51.7	46.2	-	-	-	-	-	-	-	-	-	-	-						
31	NW9D	11.9	16	125	125	1800	195	-	-	-	-	72.0	68.0	64.5	60.5	56.2	50.7	43.2	-	-	-	-	-	-	-	-	-	-						
32	NW9D	13	17.4	125	125	2000	182	-	-	-	-	77.0	73.6	70.4	66.7	63.0	58.7	54.0	46.5	-	-	-	-	-	-	-	-	-						
33	NW10D	14.2	19	125	125	1500	260	-	-	-	-	-	-	-	-	-	54.5	53.3	52.0	50.2	48.3	46.5	44.0	-	-	-	-	-						
34	NW10D	17.2	23	125	125	1800	234	-	-	-	-	-	-	-	-	-	-	-	58.4	57.0	55.5	54.0	52.5	49.7	48.8	-	-	-						
35	NW12D	14.2	19	150	150	1500	242	-	-	89.0	87.0	85.0	82.5	80.0	77.0	74.0	70.4	66.7	62.0	55.0	-	-	-	-	-	-	-	-						
36	NW12D	17.2	23	150	150	1800	212	-	-	95.0	92.7	91.0	89.0	86.4	84.0	81.7	78.5	75.5	71.8	66.0	62.3	56.0	-	-	-	-	-	-						
37	NW12D	18.7	25	150	150	2000	197	-	-	-	96.5	94.5	92.7	90.7	88.5	86.6	84.5	82.2	80.0	76.5	72.2	-	-	-	-	-	-	-						

Note:

- NW-9D (pipe size : 150 x 150 mm) can be supplied with 125 to 150 mm extension flanges for both suction and delivery sizes against requirement. direction of rotation for all pump models is clockwise except for NW8D, NW10D, NW11D, and Nw12D it is anticlockwise when viewed from suction side.
- Performance applicable to liquid of specific gravity 1 and viscosity as of water.



PERFORMANCE CHART FOR NW / NW+ / NWD ENGINE COUPLED END SUCTION PUMPS AT RATED SPEED																																
Sr. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Speed (RPM)	Impeller Diameter (mm)	TOTAL HEAD IN METERS																								
		kW	HP	SUC.	DEL.			13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
								DISCHARGE IN LITRES PER SECOND																								
38	NW6 / NW6D	7.5	10	80	80	1500	295	-	-	-	-	-	-	-	-	-	-	-	-	17.0	15.6	13.6	10.6	-	-	-	-	-				
39	NW7+ / NW7+D	10.4	14	100	80	1800	240	-	-	-	-	-	33.0	32.0	31.0	30.0	29.0	27.5	26.0	24.2	22.5	20.1	-	-	-	-	-	-				
40	NW7+ / NW7+D	11.9	16	100	80	1800	250	-	-	-	-	-	-	34.5	34.0	33.0	32.0	31.0	29.9	28.5	27.1	26.6	23.7	21.5	-	-	-	-	-			
41	NW7+ / NW7+D	13	17.4	100	80	2000	236	-	-	-	-	-	-	-	-	36.5	35.8	34.8	33.8	32.8	31.5	30.3	29.0	27.8	26.2	24.5	22.5	20.5	-			
42	NW8+ / NW8+D	17.2	23	100	100	1800	258	-	-	-	-	-	-	-	-	45.0	44.0	43.0	41.9	40.2	38.8	37.0	35.0	33.3	31.2	-	-	-	-			
43	NW8+ / NW8+D	18.7	25	150	150	2000	197	-	57.5	56.0	54.8	53.6	52.5	51.3	50.1	49.0	48.0	47.0	45.7	44.5	43.0	42.0	40.7	39.2	38.0	36.0	34.2	32.0	30.0	-		
44	NW10D	18.7	25	125	125	2000	220	-	-	-	-	-	-	61.5	60.3	58.8	57.5	56.2	55.0	53.5	51.2	-	-	-	-	-	-	-	-	-		
								20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42		
45	NW6 / NW6D	10.4	14	80	80	1800	274	-	-	-	-	-	-	-	-	-	-	-	-	17.0	15.5	13.7	11.5	8.2	-	-	-	-	-			
46	NW6 / NW6D	11.9	16	80	80	1800	288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.9	17.5	16.0	14.0	11.5	7.5	-	-		
47	NW6 / NW6D	13	17.4	80	80	2000	265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0	19.0	17.6	15.7	13.3	10.3	-	
48	NW 11D	7.75	10.5	100	80	1450	349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.0	26.0	24.7	22.2	19.2	-	
								22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44		
49	NW 14D	15.6	21.2	80	65	1800	293	11.0	10.8	10.7	10.6	10.5	10.3	10.2	10.0	9.8	9.5	9.3	9.0	8.8	8.4	8.2	7.8	7.4	7.0	6.5	5.8	5.2	4.2	2.8	-	

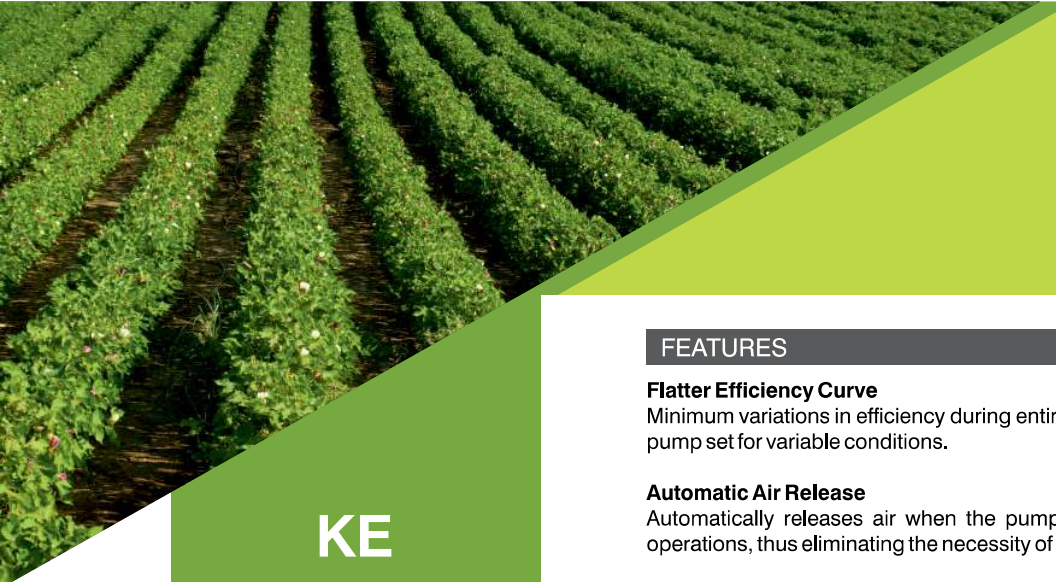


PERFORMANCE CHART FOR NW / NW+ / NWD ENERGY EFFICIENT IE2 MOTOR COUPLED PUMPS AT RATED SPEED																								
Sr. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Speed (RPM)	Impeller Diameter (mm)	TOTAL HEAD IN METRES																
		kW	HP	SUC.	DEL.			6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
								DISCHARGE IN LITRES PER SECOND																
1	NW1++	2.2	3	65	50	1400	223	-	-	-	-	-	-	14.0	12.9	11.6	9.8	-	-	-	-			
2	NW1+/NW1D	2.2	3	65	50	1400	223	-	-	-	-	-	-	14.0	12.9	11.6	9.8	-	-	-	-			
3	NW2+/NW2D	3.7	5	80	65	1420	230	-	-	-	-	-	-	23.7	22.4	21.0	19.3	17.2	14.4	-	-			
4	NW2M+/NW2DM+	3.7	5	80	80	1420	230	-	-	-	-	-	-	23.7	22.4	21.0	19.3	17.2	14.4	-	-			
5	NW3+/NW3+D	3.7	5	65	50	1400	256	-	-	-	-	-	-	-	-	-	14.5	13.7	12.9	12.0	11.0	10.0		
6	NW4+/NW4D	3.7	5	100	100	1420	206	34.0	32.7	31.2	29.5	27.4	25.0	21.0	-	-	-	-	-	-	-	-		
7	NW7/NW7D	5.5	7.5	100	80	1450	255	-	-	-	-	29.6	28.8	27.9	27.0	26.0	24.8	23.8	22.8	21.0	19.6	18.0	16.0	12.4
8	NW7+/NW7+D	5.5	7.5	100	80	1420	255	-	-	-	-	-	-	-	28.0	26.7	25.5	24.0	22.5	20.6	18.5	16.0	-	-
9	NW8/NW8D	5.5	7.5	100	100	1450	238	-	-	37.0	35.9	34.8	33.5	32.2	31.0	29.2	27.0	25.0	22.6	19.4	-	-	-	-
10	NW8+/NW8+D	5.5	7.5	100	100	1450	238	-	-	35.0	34.0	33.0	31.8	30.4	29.7	26.8	24.2	21.0	-	-	-	-	-	-
11	NW8/NW8D	7.5	10	100	100	1450	258	-	-	-	-	-	40.0	39.0	37.8	36.2	35.0	34.0	32.6	31.0	29.0	26.4	24.0	20.4
12	NW8+/NW8+D	7.5	10	100	100	1450	258	-	-	-	-	-	-	-	-	36.0	34.5	33.0	31.0	29.0	27.0	24.0	-	-
13	NW9D	5.5	7.5	125	125	1450	197	62.0	57.4	52.2	47.0	40.2	-	-	-	-	-	-	-	-	-	-	-	-
14	NW9D	7.5	10	125	125	1450	210	73.0	70.0	65.7	62.0	57.5	52.0	45.0	36.0	-	-	-	-	-	-	-	-	-
15	NW10D	5.5	7.5	125	125	1450	206	-	-	42.5	41.5	39.8	37.2	34.5	-	-	-	-	-	-	-	-	-	-
16	NW10D	7.5	10	125	125	1450	228	-	-	-	-	47.5	46.0	44.0	42.0	40.0	37.5	-	-	-	-	-	-	-
17	NW10D	9.3	12.5	125	125	1450	245	-	-	-	-	-	-	50.5	49.0	47.0	45.0	43.0	41.0	-	-	-	-	-
18	NW10D	11	15	125	125	1450	260	-	-	-	-	-	-	-	54.0	52.9	51.3	50.0	48.0	46.2	44.0	42.0	-	-
19	NW12D	11	15	150	150	1450	242	87.0	85.5	83.7	81.0	78.5	76.0	73.0	69.0	65.5	61.0	54.0	-	-	-	-	-	-

PERFORMANCE CHART FOR NW / NW+ / NWD ENERGY EFFICIENT IE2 MOTOR COUPLED PUMPS AT RATED SPEED																								
Sr. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Speed (RPM)	Impeller Diameter (mm)	TOTAL HEAD IN METRES																
		kW	HP	SUC.	DEL.			10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
								DISCHARGE IN LITRES PER SECOND																
20	NW8/NW8D	9.3	12.5	100	100	1450	274	-	-	-	-	41.0	40.0	39.0	37.8	36.4	35.0	34.0	32.0	30.6	28.6	26.0	23.0	20.0
21	NW6/NW6D	5.5	7.5	80	80	1450	288	-	-	-	-	-	-	17.0	16.1	14.8	13.0	10.4	6.0	-	-	-	-	-
22	NW6DM	7.5	10	80	80	1450	305	-	-	-	-	-	-	-	-	-	-	-	-	21.0	19.3	17.3	15.0	12.0
23	NW8/NW8D	11	15	100	100	1450	289	43.2	42.0	41.2	40.6	39.2	28.6	37.2	36.0	34.6	32.8	31.4	29.0	26.8	23.0	20.0	-	-

Note:

- NW-9D (pipe size : 150 x 150 mm) can be supplied with 125 to 150 mm extension flanges for both suction and delivery sizes against requirement.
- direction of rotation for all pump models is clockwise except for NW8D, NW10D, NW11D, and Nw12D it is anticlockwise when viewed from suction side.
- Performance applicable to liquid of specific gravity 1 and viscosity as of water.



KE

END-SUCTION
PUMPS



FEATURES

Flatter Efficiency Curve

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

Automatic Air Release

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

Design To Prevent Overloading

Lesser chances of motor burning as it does not get overloaded even if the pump is operated at a head lower than recommended, thus ensuring substantial cost saving due to low maintenance and breakdown.

Replaceable Wearing Parts

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

Dynamically Balanced Rotating Parts

Minimum vibration protect components from damage during the operation, thus ensuring consistent performance as concentricity is maintained.

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.

Highly Efficient & Flexible Design

Designed to run directly through pulley with engine / motor.

TECHNICAL SPECIFICATION

Head	-	Up to 23 Metres
Discharge Range	-	Up to 37 LPS
Power Rating	-	3.7 to 5.9 kW (5 to 8 HP)

MATERIAL OF CONSTRUCTION

Impeller	-	Cast Iron
Delivery casing	-	Cast Iron
Pump shaft	-	Carbon Steel

APPLICATIONS

- Irrigation in (horticulture & agriculture)
- Rural water supply
- Mounting on water tanker



PERFORMANCE CHART FOR 'KE' SERIES, COUPLED END SUCTION PUMPS AT RATED SPEED																					
Sr. No.	Pump Model	Type	Power Rating		Pipe Size (mm)		Rated Speed (RPM)	Impeller Diameter (mm)	TOTAL HEAD IN METRES												
			kW	HP	SUC.	DEL.			12	13	14	15	16	17	18	19	20	21	22	23	
			DISCHARGE IN LITRES PER SECOND																		
1	65 KE-250+	AV-1	3.7	5	80	65	1500	223	22.0	20.7	19.5	17.8	16.0	14.0	10.8	-	-	-	-	-	
2	65 KE-250+	TV-1	5.9	8	80	65	1800	221	-	-	-	24.8	23.8	22.8	21.8	20.4	19.0	17.4	15.5	12.4	
									6	7	8	9	10	11	12	13	14	15	16	17	
3	100 KE-215+	AV-1	3.7	5	100	100	1500	197	34.0	32.5	30.8	28.9	26.8	24.2	19.6	-	-	-	-	-	
4	100 KE-215+*	TA-1	4.4	6	100	100	1500	201	35.2	33.7	32.0	30.2	28.2	25.7	22.7	17.7	-	-	-	-	
5	100 KE-215+	TV-1	5.2	7	100	100	1500	206	-	36.0	34.5	32.8	31.2	29.2	27.0	24.0	19.0	-	-	-	
6	100 KE-215+	TV-1	5.2	8	100	100	1800	188	-	-	37.0	36.0	34.7	33.3	31.6	29.7	27.2	24.4	20.0	-	

Note:

- All pumps except 100 KE-215+, type TA-1 are ISI complied.
- Performance applicable to liquid of specific gravity 1 and viscosity as of water.



KH

END-SUCTION
PUMPS

FEATURES

Flatter Efficiency Curve

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

Automatic Air Release

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

Design To Prevent Overloading

Lesser chances of motor burning as it does not get overloaded even if the pump is operated at a heat lower than recommended, thus ensuring substantial cost saving due to low maintenance and breakdown.

Replaceable Wearing Parts

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

Dynamically Balanced Rotating Parts

Minimum vibration protect components from damage during the operation, thus ensuring consistent performance as concentricity is maintained.

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.

Highly Efficient & Flexible Design

Designed to run directly through pulley with engine / motor.

TECHNICAL SPECIFICATION

Head	-	Up to 52 Metres
Discharge Range	-	Up to 12 LPS
Power Rating	-	0.25 to 7.5 kW (0.33 to 10 HP)

MATERIAL OF CONSTRUCTION

Impeller	-	Cast Iron
Delivery casing	-	Cast Iron
Pump shaft	-	Carbon Steel

APPLICATIONS

- Irrigation in (horticulture & agriculture)
- Rural water supply
- Mounting on water tanker





PERFORMANCE CHART FOR 'KH' SERIES, COUPLED END SUCTION PUMPS AT RATED SPEED																					
Sr. No.	Pump Model	Power Rating		Pipe Size (mm)		Rated Speed (RPM)	Impeller Diameter (mm)	TOTAL HEAD IN METERS													
		kW	HP	SUC.	DEL			6	7	8	9	10	11	12	13	14	15	16	17	18	19
		DISCHARGE IN LITRES PER SECOND																			
1	KH-1	0.25	0.33	25	25	2900	80	2.0	1.6	0.8	-	-	-	-	-	-	-	-	-	-	
2	KH-1	0.37	0.5	25	25	2900	91	-	2.4	2.2	2.0	1.6	-	-	-	-	-	-	-	-	
3	KH-1	0.55	0.75	25	25	2900	99	-	-	2.8	2.6	2.4	2.2	1.6	0.4	-	-	-	-	-	
								15	16	17	18	19	20	21	22	23	24	25	26	27	28
4	KH-3	2.2	3	40	30	2810	146	-	-	-	-	-	-	-	6.4	6.1	5.8	5.4	4.9	4.4	3.4
5	KH-4	1.5	2	40	40	2800	148	6.0	5.6	5.2	4.9	4.5	4.0	3.5	3.0	2.3	1.1	-	-	-	-
6	KH-5	2.2	3	40	40	2810	149	-	-	-	-	-	-	-	-	6.4	6.0	5.4	4.7	3.7	-
								30	32	34	36	38	40	42	44	46	48	50	52	54	56
7	KH-6	3.7	5	50	40	2820	172	6.8	6.4	5.5	4.5	3.0	-	-	-	-	-	-	-	-	-
8	KH-7	5.5	7.5	50	40	2840	197.5	-	8.5	8.3	8.2	8.0	7.6	7.2	6.6	6.0	5.2	4.0	1.0	-	-
9	KH-12	7.5	10	65	50	2830	195	-	12.0	11.8	11.5	11.1	10.6	9.9	9.0	8.1	6.8	-	-	-	-

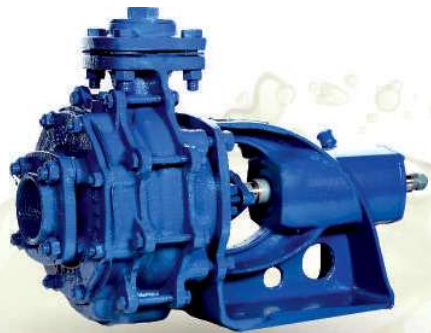
Note:

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



KHDT

END-SUCTION
PUMPS



FEATURES

Flatter Efficiency Curve

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

Automatic Air Release

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

Design To Prevent Overloading

Lesser chances of motor burning as it does not get overloaded even if the pump is operated at a head lower than recommended, thus ensuring substantial cost saving due to low maintenance and breakdown.

Replaceable Wearing Parts

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

Dynamically Balanced Rotating Parts

Minimum vibration protect components from damage during the operation, thus ensuring consistent performance as concentricity is maintained.

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.

Highly Efficient & Flexible Design

Designed to run directly through pulley with engine / motor.

TECHNICAL SPECIFICATION

Head	-	Up to 104 Metres
Discharge Range	-	Up to 19.4 LPS
Power Rating	-	3.7 to 15 kW (5 to 20 HP)

MATERIAL OF CONSTRUCTION

Impeller	-	Cast Iron
Delivery casing	-	Cast Iron
Pump shaft	-	Carbon Steel

APPLICATIONS

- Irrigation in (horticulture & agriculture)
- Rural water supply
- Sprinkler



PERFORMANCE CHART FOR 'KHDT+' END SUCTION PUMPS AT RATED SPEED																					
S. No.	PUMP MODEL	Power Rating		Pipe Size (mm)		Rated Speed (RPM)	TOTAL HEAD IN METRES														
		kW	HP	SUC.	DEL.		22	24	26	28	30	32	34	36	38	40	42	44	46	48	52
							DISCHARGE IN LITRES PER SECOND														
1	KHDT - 544+	3.7	5.0	65	50	2870	-	7.2	7.0	6.7	6.4	6.1	5.7	5.3	4.9	4.4	3.7	-	-	-	
2	KHDT - 844+	5.5	7.5	80	65	2900	13.0	12.7	12.2	11.8	11.3	10.9	10.3	9.8	9.2	8.5	7.8	7.0	5.5	-	-
3	KHDT - 1050+	7.5	10.0	80	65	2900	14.5	14.2	14.0	13.7	13.4	13.0	12.6	12.3	11.8	11.3	10.8	10.3	9.6	9.0	7.2
							32	34	38	42	46	50	54	58	62	66	70	74	78	82	86
4	KHDT - 568+	3.7	5.0	50	40	2870	-	4.4	4.1	3.8	3.5	3.0	2.6	2.0	1.0	-	-	-	-	-	-
5	KHDT - 864+	5.5	7.5	65	50	2900	7.7	7.5	7.1	6.6	6.2	5.6	5.0	4.2	-	-	-	-	-	-	-
6	KHDT - 1078+	7.5	10.0	65	50	2900	-	8.4	8.2	7.9	7.5	7.2	6.8	6.3	5.6	4.9	3.8	-	-	-	-
7	KHDT - 1580+	11.0	15.0	65	65	2880	-	-	-	-	-	10.8	10.3	9.7	9.1	8.4	7.7	7.0	6.1	5.0	3.5
8	KHDT - 2070+	15.0	20.0	80	65	2900	-	-	-	19.4	18.4	17.2	15.8	14.4	12.8	11.0	-	-	-	-	-
							50	54	60	62	66	70	74	78	82	86	90	94	98	102	104
9	KHDT - 1388+	9.3	12.5	65	50	2900	-	-	7.1	6.9	6.6	6.2	5.8	5.3	4.8	4.1	3.1	-	-	-	-
10	KHDT - 1598+	11.0	15.0	65	50	2880	-	-	-	-	-	-	7.1	6.7	6.4	6.0	5.6	5.0	4.4	3.5	2.6
11	KHDT - 2095+	15.0	20.0	65	65	2900	-	-	-	12.7	12.2	11.5	10.8	10.1	9.2	8.2	7.2	5.8	-	-	-

Note:

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



Enriching Lives



SR

END-SUCTION
PUMPS

FEATURES

Flatter Efficiency Curve

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

Automatic Air Release

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

Design To Prevent Overloading

Lesser chances of motor burning as it does not get overloaded even if the pump is operated at a heat lower than recommended, thus ensuring substantial cost saving due to low maintenance and breakdown.

Replaceable Wearing Parts

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

Dynamically Balanced Rotating Parts

Minimum vibration protect components from damage during the operation, thus ensuring consistent performance as concentricity is maintained.

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.

Highly Efficient & Flexible Design

Designed to run directly through pulley with engine / motor.

TECHNICAL SPECIFICATION

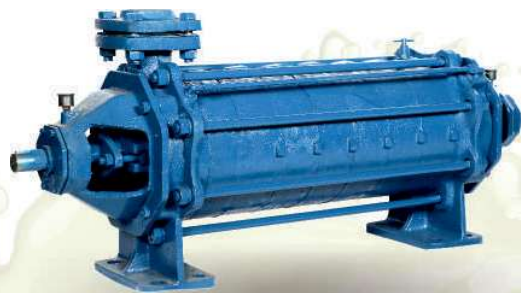
Head	- Up to 136 Metres
Discharge Range	- Up to 14.8 LPM
Power Rating	- 5.9 to 19 kW (8 to 26 HP) with Engine 3.7 to 9.3 kW (5 to 12.5 HP)

MATERIAL OF CONSTRUCTION

Impeller	- Cast Iron
Delivery casing	- Cast Iron
Pump shaft	- Carbon Steel

APPLICATIONS

- Irrigation in (horticulture & agriculture)
- Rural water supply
- Mines dewatering
- Firefighting





PERFORMANCE CHART FOR 'SR' SERIES,ENGINE COUPLED END SUCTION PUMPS AT RATED SPEED																	
S. No.	PUMP MODEL	Power Rating		Pipe Size (mm)		Rated SPEED (RPM)	TOTAL HEAD IN METERS										
		kW	HP	SUC.	DEL.		50	60	70	80	90	95	100	110	120	130	136
							DISCHARGE IN LITRES PER SECOND										
1	8SR7	5.9	8	65	50	1800	5.4	4.8	4.2	3.5	2.5	1.9	1.0	-	-	-	-
2	16SR6	11.8	16	80	65	1800	12.0	10.7	9.5	8.0	6.2	5.0	-	-	-	-	-
3	26SR9*	19	26	80	65	1800	14.8	13.9	13.1	12.4	11.5	11.1	10.6	9.5	8.5	7.0	5.8

PERFORMANCE CHART FOR 'SR' SERIES, MOTOR COUPLED END SUCTION PUMPS AT RATED SPEED														
S. No.	PUMP MODEL	Power Rating		Pipe Size (mm)		Rated SPEED (RPM)	TOTAL HEAD IN METERS							
		kW	HP	SUC.	DEL.		30	35	40	50	60	70	80	90
							DISCHARGE IN LITRES PER SECOND							
1	8SR7	3.7	5	65	50	1450	4.5	4.2	3.8	3.0	1.8	-	-	-
2	16SR6	7.5	10	80	65	1450	-	9.3	8.5	6.9	4.6	-	-	-
3	26SR9*	9.3	12.5	80	65	1450	-	11.5	11.1	10.1	9.0	7.8	6.4	3.8

Note:

- * Also Available in reverse rotation as 26SR9R (Direction anti-clockwise when viewed from non-driving end).