ORIGINAL KIRLOSKAR PUMP

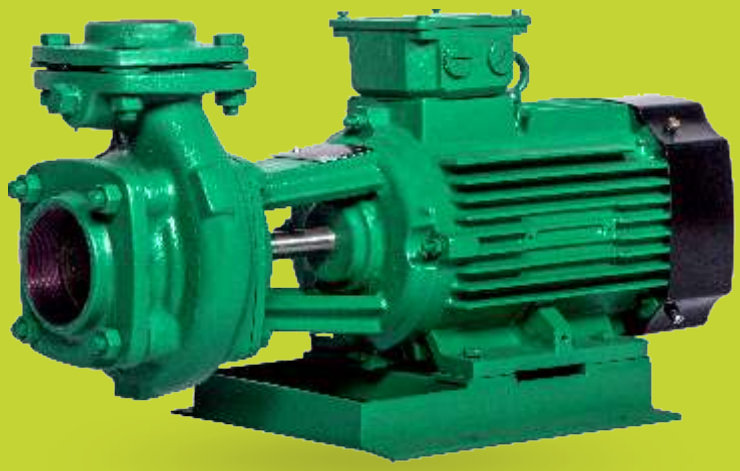
Kirloskar

Enriching Lives

KDI - EE4

Energy Efficient Monobloc Pump With Premium Efficiency IE4 Motor

Seal with HNBR which can handle fluid upto 120°C



STRENGTHENED BY 99.9% PURE EC GRADE COPPER WINDING WIRES

BUY ELECTRIC PUMPS WITH PURE COPPER WINDING WIRES ONLY. ENQUIRE BEFORE BUYING.

ALWAYS BUY PUMPS WITH

Kirloskar Enriching Lives and ORIGINAL KIRLOSKAR PUMP **LOGOS ON PACKAGING**

KDI - EE4

Energy Efficient Monobloc Pump With Premium Efficiency IE4 Motor

TECHNICAL SPECIFICATION

Head Range	-	Up to 80 Meters
Discharge Range	-	Up to 39 LPS
Power Ratings	-	1.5 to 15 kW (2 to 20 HP)
Voltage Range	-	350 to 440 Volts (Three Phase)
Insulation	-	F Class
Protection	-	IP55

MATERIAL OF CONSTRUCTION

Impeller	-	Cast Iron/Gun Metal/Stainless Steel
Delivery Casing	-	Cast Iron
Motor Body	-	Cast Iron
Pump Shaft	-	Stainless Steel
Sealing	-	Mechanical Seal

(Carbon vs Ceramic with HNBR which can withstand fluid temperature up to 120°C)

APPLICATIONS

- Air conditioning and refrigeration system
- Cooling towers
- Fire fighting
- Water supply
- Clear water handling at high pressure in industries
- Clear water handling in ETP/STP Plants
- Handling hot water in parboiled rice making machines
- Hot water handling at High Pressure in Industries

FEATURES

Premium efficiency IE4 Motor and energy saving design

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

Superior 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. With Carbon Vs Ceramic mechanical seal and HNBR It can handle fluid up to 120°C.

Cathodic Electro Deposition (CED) Coating

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

Dynamically balanced rotating parts

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

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.

Flatter Efficiency Curve

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

Design to Prevent Overloading

Lesser chances of motor burning as motor did not get overloaded even if the pump is operated at a head lower than recommended and saving substantial Cost from maintenance and breakdown

PERFORMANCE CHART FOR KDI EE4 SERIES, 2 POLE, MONOBLOC PUMP, 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															
							6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
		kW	HP	SUC.	DEL.		DISCHARGE IN LITRES PER SECOND																	
1	KDI - 216 EE4	1.5	2.0	65	50	415	-	11.0	10.0	8.7	7.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-
2	KDI - 225 EE4	1.5	2.0	50	40	415	-	5.4	5.2	5.0	4.7	4.5	4.1	3.7	3.2	2.7	-	-	-	-	-	-	-	-
3	KDI - 235 EE4	1.5	2.0	50	40	415	-	-	4.1	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.7	2.4	2.0	1.3	-	-	-	-
4	KDI - 314 EE4	2.2	3.0	80	80	415	19.2	17.9	16.2	14.0	10.5	-	-	-	-	-	-	-	-	-	-	-	-	-
5	KDI - 318 EE4	2.2	3.0	80	65	415	-	13.4	12.6	11.7	10.7	9.2	7.5	4.5	-	-	-	-	-	-	-	-	-	-
6	KDI - 318 EE4	2.2	3.0	65	50	415	-	13.4	12.6	11.7	10.7	9.2	7.5	4.5	-	-	-	-	-	-	-	-	-	-
7	KDI - 335 EE4	2.2	3.0	50	40	415	-	-	-	5.05	4.9	4.8	4.6	4.5	4.35	4.2	4.0	3.8	3.5	3.2	2.7	2.0	-	-
8	KDI - 515 EE4	3.7	5.0	100	100	415	33.0	30.5	28.0	24.0	19.0	12.0	-	-	-	-	-	-	-	-	-	-	-	-
9	KDI - 520 EE4	3.7	5.0	80	80	415	-	23.4	22.0	20.8	19.5	18.0	16.0	13.2	10.0	-	-	-	-	-	-	-	-	-
10	KDI - 527 EE4	3.7	5.0	80	65	415	-	-	16.0	15.4	14.8	14.2	13.4	12.5	11.4	10.0	8.3	5.8	-	-	-	-	-	-
11	KDI - 538 EE4	3.7	5.0	65	50	415	9.0	8.90	8.85	8.8	8.7	8.6	8.55	8.45	8.35	8.25	8.1	7.9	7.6	7.1	6.6	6.0	5.1	4.0
12	KDI - 822 EE4	5.5	7.5	100	100	415	-	29.4	28.1	26.7	25.4	23.9	22.1	20.0	17.7	14.0	-	-	-	-	-	-	-	-
13	KDI - 830 EE4	5.5	7.5	80	65	415	-	-	-	-	-	19.0	18.2	17.3	16.4	15.4	14.2	12.7	11.1	-	-	-	-	-
14	KDI - 837 EE4	5.5	7.5	65	65	415	-	-	-	-	-	-	-	-	11.2	11.1	11.0	11.0	10.9	10.6	10.0	9.0	7.0	-
15	KDI - 1030 EE4	7.5	10.0	100	100	415	-	-		32.0	30.5	29.4	28.2	26.9	25.2	23.5	21.0	18.0	13.5	-	-	-	-	-
16	KDI - 1040 EE4	7.5	10.0	80	65	415	-	-	23.5	23.0	22.5	22.0	21.5	20.9	20.3	19.5	18.7	17.9	17.0	15.8	14.6	13.3	11.0	9.0
17	KDI - 1331 EE4	9.3	12.5	100	100	415	-	-	37.5	36.5	35.5	34.5	33.4	32.0	30.5	28.5	26.5	23.8	19.8	12.0	-	-	-	-
18	KDI - 1537 EE4	11.0	15.0	100	100	415	-	-	39.0	38.5	38.0	37.2	36.5	35.5	34.5	33.0	31.6	30.0	27.8	25.0	22.0	17.5	-	-
							14	16	20	22	26	28	30	32	34	36	38	40	42	44	46	48	52	54
19	KDI - 1348 EE4	9.3	12.5	80	65	415	-	-	19.5	19.2	18.5	18.1	17.6	17.2	16.6	15.9	15.1	14.3	13.2	11.9	10.2	6.5	-	-
20	KDI - 1555 EE4	11.0	15.0	80	65	415	-	-	-	19.75	19.6	19.5	19.4	19.2	18.8	18.5	18.0	17.4	16.7	16.0	15.0	14.2	12.2	10.5
21	KDI - 2050 EE4	15.0	20.0	100	80	415	35.0	34.2	33.0	32.2	30.8	30.1	29.5	28.8	28.0	27.0	26.0	25.0	24.0	22.5	21.0	19.4	13.5	-
							22	24	26	28	30	32	34	36	38	40	44	46	48	52	56	60	64	68
22	KDI - 550 EE4	3.7	5.0	50	40	415	-	-	-	-	-	-	-	-	5.0	4.8	4.1	3.7	3.2	1.6	-	-	-	-
23	KDI - 844 EE4	5.5	7.5	65	65	415	11.5	11.3	11.0	10.6	10.2	9.7	9.0	8.4	7.7	7.0	4.2	-	-	-	-	-	-	-
24	KDI - 1050 EE4	7.5	10.0	65	65	415	-	-	12.7	12.5	12.2	12.0	11.7	11.4	11.0	10.7	9.6	8.9	8.1	6.0	-	-	-	-
25	KDI - 1065 EE4	7.5	10.0	65	50	415	-	-	-	-	-	-	-	-	-	7.8	7.3	7.1	6.9	6.4	5.8	5.1	4.3	3.0
							18	22	28	30	32	36	40	44	46	48	52	56	60	64	68	72	76	80
26	KDI - 1360 EE4	9.3	12.5	65	50	415	12.9	12.7	12.4	12.3	12.2	11.7	11.3	10.7	10.4	10.0	9.1	8.3	7.0	4.5	-	-	-	-
27	KDI - 1570 EE4	11.0	15.0	65	50	415	-	-	13.2	13.1	13.0	12.8	12.5	12.0	11.8	11.5	10.7	10.0	9.0	8.0	6.5	-	-	-
28	KDI - 1575 EE4	11.0	15.0	65	50	415	-	-	-	-	-	-	-	-	-	-	-	7.7	7.3	6.9	6.4	5.8	4.9	3.4

Note:
Performance under standard test conditions and may vary on site conditions. Performance applicable to liquid of specific gravity 1 and viscosity as of water.

KIRLOSKAR BROTHERS LIMITED
Established 1888
A Kirloskar Group Company

We are now on WhatsApp to assist you better
9922710710
Toll Free Number: 1800 123 4443
www.kirloskarpumps.com

Registered Office & Global Headquarters: "Yamuna", Survey No. 98/(3 to7), Plot No. 3, Baner, Pune - 411 045, Maharashtra, India
Email: marketing@kbl.co.in, Website: www.kirloskarpumps.com CIN No.: L29113PN1920PLC000670