

KIRLOSKAR PUMPS

100

1920
2020

KIRLOSKAR BROTHERS LTD.



Enriching Lives

HHN/HHF 6" HIGH HEAD SUBMERSIBLE PUMPS



Est. 1888



KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

HHN/HHF

6" High Head Submersible Pumps

TECHNICAL SPECIFICATION

Head	: Upto 427 Meters
Capacity	: Upto 650 LPM
Power Rating	: 2.2 to 18.3 kW / 3 to 25 HP
Voltage range	: 200 to 440 Volts (Three Phase)*
Type of cooling	: Water Filled
Insulation	: B Class
Protection	: IP 68

*Under ideal condition with suitable cable size.

MATERIAL OF CONSTRUCTION

	HHN	HHF
Impeller	: Noryl	Stainless Steel
Diffuser	: Noryl	Stainless Steel
Diffuser Casing	: Cast Iron	Stainless Steel
Pump Shaft	: Stainless Steel	Stainless Steel
Motor Body	: Stainless Steel	Stainless Steel
Motor Shaft	: Stainless Steel	Stainless Steel
Finished Rotor	: Copper	Copper
NRV	: Cast Iron	Cast Iron
Suction	: Cast Iron	Cast Iron
Pump / Motor Bushes	: LTB	LTB
Thrust Bearing	: Carbon + SS	Carbon + SS
DOL	: Cast Iron	Cast Iron

APPLICATIONS

- Irrigation in horticulture & agriculture.
- Domestic and community water supply.
- Sprinkler and drip irrigation.
- Rural water supply.
- Ground water supply to water works.

FEATURES

Wide Voltage Motor Designs With Copper Rotor

Motors are designed with extra overload capacities, more water spaces and engineered with 99.9% pure Electro Grade Copper performs well in low voltage with minimum discharge drops and suitable for wide voltage applications.

Sand Fighter Designs

Innovative Sand Fighter Designs restricts the entry of sand in motors, protects the pump and motor bushes to perform well in sandy borewells and increase the pumpset life.

Dynamically Balanced Rotating Parts

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

Longer And Trouble Free Life

High grade engineering materials like Graded Cast Iron Components, Stainless Steel Shaft, Noryl Impellers, Bronze Bushes, Heavy duty Carbon + SS Thrust Plate, 99.9% Electro Grade Copper Rotor and Winding Wires for longer and trouble free life.

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.

CED – Cathodic Electro Deposition

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 major CI parts of Kirloskar pumps coming in contact with the water are CED coated.

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.

Glycol - Mixed Water

Motors filled with specially developed Glycol mixed water to improve the anti-freezing properties of motor and prevent corrosion.



KIRLOSKAR PUMPS

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 60HHN SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters								
		kW	HP					30	0	120	150	180	210	240	270	300
								m ³ /h	0.0	7.2	9.0	10.8	12.6	14.4	16.2	18.0
1	60HHN-0305	2.2	3.0	5	50	6.5	61	57	55	52	49	44	40	35		
2	60HHN-0407	3	4.0	7	50	8.5	85	80	77	73	69	62	56	49		
3	60HHN-0508	3.7	5.0	8	50	10.0	97	91	88	83	78	71	64	56		
4	60HHN-0610	4.5	6.0	10	50	12.0	121	114	110	104	98	89	80	70		
5	60HHN-0812	5.5	7.5	12	50	14.5	146	137	132	125	118	106	96	84		
6	60HHN-1016	7.5	10.0	16	50	19.5	194	182	176	166	157	142	128	112		
7	60HHN-1319	9.3	12.5	19	50	25.0	230	217	209	198	186	168	152	133		
8	60HHN-1524	11	15.0	24	50	29.0	291	274	264	250	235	212	192	168		
9	60HHN-1829	13	17.5	29	50	34.0	352	331	319	302	284	257	232	203		

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 80HHN SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters								
		kW	HP					30	0	60	120	180	240	300	360	420
								m ³ /h	0	3.6	7.2	11	14.4	18	21.6	25.2
1	80HHN-0304	2.2	3.0	4	50	6.5	56	55	52	48	43	38	29	20		
2	80HHN-0405	3	4.0	5	50	8.5	70	68	65	60	54	47	36	24		
3	80HHN-0506	3.7	5.0	6	50	10.0	84	82	78	72	65	56	44	29		
4	80HHN-0608	4.5	6.0	8	50	12.0	112	109	103	95	87	75	58	39		
5	80HHN-0810	5.5	7.5	10	50	14.5	140	137	129	119	108	94	73	49		
6	80HHN-1012	7.5	10.0	12	50	19.5	169	164	155	143	130	113	88	59		
7	80HHN-1315	9.3	12.5	15	50	25.0	211	205	194	179	163	141	109	73		
8	80HHN-1518	11	15.0	18	50	29.0	253	246	233	215	195	169	131	88		
9	80HHN-1821	13	17.5	21	50	34.0	295	287	271	250	228	197	153	102		
10	80HHN-2024	15	20.0	24	50	39.0	337	328	310	286	260	225	175	117		

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 100HHN SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters								
		kW	HP					30	0	120	180	240	300	360	420	480
								m ³ /h	0.0	7.2	10.8	14.4	18.0	21.6	25.2	28.8
1	100HHN-0505	3.7	5.0	5	65	10.0	72	67	63	58	52	44	35	23		
2	100HHN-0606	4.5	6.0	6	65	12.0	86	80	76	70	62	53	42	28		
3	100HHN-0808	5.5	7.5	8	65	14.5	115	107	101	93	83	70	56	37		
4	100HHN-1010	7.5	10.0	10	65	19.5	144	134	126	116	104	88	70	46		
5	100HHN-1312	9.3	12.5	12	65	25.0	172	161	151	139	125	106	84	55		
6	100HHN-1515	11.0	15.0	15	65	29.0	215	201	189	174	156	132	105	69		
7	100HHN-1818	13	17.5	18	65	34.0	258	241	227	209	187	158	126	83		
8	100HHN-2020	15.0	20.0	20	65	39.0	287	268	252	232	208	176	140	92		
9	100HHN-2525	18.3	25.0	25	65	48.0	359	335	315	290	260	220	175	115		

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 50HHF SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters								
		kW	HP					30	0	90	105	120	135	150	165	195
								m ³ /h	0.0	5.4	6.3	7.2	8.1	9.0	9.9	11.7
1	50HHF-0306	2.2	3.0	6	50	6.5	88	79	77	72	66	60	53	32		
2	50HHF-0408	3.0	4.0	8	50	8.5	117	106	102	96	88	80	70	43		
3	50HHF-0510	3.7	5.0	10	50	10.0	146	132	128	120	110	100	88	54		
4	50HHF-0612	4.5	6.0	12	50	12.0	175	158	154	144	132	120	106	65		
5	50HHF-0815	5.5	7.5	15	50	14.5	219	198	192	180	165	150	132	81		
6	50HHF-1020	7.5	10.0	20	50	19.5	292	264	256	240	220	200	176	108		
7	50HHF-1325	9.3	12.5	25	50	25.0	365	330	320	300	275	250	220	135		
8	50HHF-1530	11.0	15.0	30	50	29.0	438	396	384	360	330	300	264	162		

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 60HHF SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters								
		kW	HP					30	0	100	120	140	160	180	200	220
								m ³ /h	0.0	6.0	7.2	8.4	9.6	10.8	12.0	13.2
1	60HHF-0304	2.2	3.0	4	50	6.5	64	59	56	53	48	42	34	24		
2	60HHF-0305	2.2	3.0	5	50	6.5	79	74	70	66	61	53	42	29		
3	60HHF-0407	3.0	4.0	7	50	8.5	111	103	98	92	85	74	59	41		
4	60HHF-0508	3.7	5.0	8	50	10.0	127	118	112	105	97	84	67	47		
5	60HHF-0609	4.5	6.0	9	50	12.0	143	133	126	118	109	95	76	53		
6	60HHF-0610	4.5	6.0	10	50	12.0	159	147	139	132	121	105	84	59		
7	60HHF-0811	5.5	7.5	11	50	14.5	175	162	153	145	133	116	93	65		
8	60HHF-0812	5.5	7.5	12	50	14.5	191	177	167	158	145	126	101	71		
9	60HHF-1013	7.5	10.0	13	50	19.5	207	192	181	171	157	137	109	77		
10	60HHF-1014	7.5	10.0	14	50	19.5	223	206	195	184	169	147	118	83		
11	60HHF-1016	7.5	10.0	16	50	19.5	254	236	223	211	194	168	135	94		
12	60HHF-1319	9.3	12.5	19	50	25.0	302	280	265	250	230	200	160	112		
13	60HHF-1524	11	15.0	24	50	29.0	381	354	335	316	291	253	202	141		
14	60HHF-1829	13.0	17.5	29	50	34.0	461	427	404	382	351	305	244	171		

KIRLOSKAR PUMPS

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 80HHF SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters							
		kW	HP					0	80	120	160	200	240	260	280
		3Ø						m ³ /h	0.0	4.8	7.2	9.6	12.0	14.4	15.6
1	80HHF-0304	2.2	3.0	4	50	6.5	66	62	60	56	46	36	30	23	
2	80HHF-0405	3.0	4.0	5	50	8.5	82	78	75	70	58	46	38	29	
3	80HHF-0506	3.7	5.0	6	50	10.0	98	94	89	83	69	55	45	35	
4	80HHF-0607	4.5	6.0	7	50	12.0	115	109	104	97	81	64	53	41	
5	80HHF-0810	5.5	7.5	10	50	14.5	164	156	149	139	115	91	75	58	
6	80HHF-1012	7.5	10.0	12	50	19.5	197	187	179	167	138	109	90	70	
7	80HHF-1315	9.3	12.5	15	50	25.0	246	234	224	209	173	137	113	87	
8	80HHF-1518	11.0	15.0	18	50	29.0	295	281	268	250	207	164	135	104	
9	80HHF-1821	13.0	17.5	21	50	34.0	344	328	313	292	242	191	157.5	122	
10	80HHF-2024	15.0	20.0	24	50	39.0	394	374	358	334	276	218	180	139	

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 100HHF SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters							
		kW	HP					0	100	150	200	250	300	350	425
		3Ø						m ³ /h	0.0	6.0	9.0	12.0	15.0	18.0	21.0
1	100HHF-0303	2.2	3	3	50	6.5	50	48	45	43	38	31	20	8	
2	100HHF-0404	3	4	4	50	8.5	66	63	60	57	51	42	27	11	
3	100HHF-0505	3.7	5	5	50	10.0	83	79	75	71	63	52	33	13	
4	100HHF-0606	4.5	6	6	50	12.0	100	95	90	85	76	63	40	16	
5	100HHF-0808	5.5	7.5	8	50	14.5	133	127	120	113	101	83	53	21	
6	100HHF-1010	7.5	10	10	50	19.5	166	158	150	142	127	104	67	27	
7	100HHF-1312	9.3	12	12	50	25.0	199	190	180	170	152	125	80	32	
8	100HHF-1515	11	15	15	50	29.0	249	238	225	213	190	156	100	40	
9	100HHF-1818	13	17.5	18	50	34.0	299	285	270	255	228	188	120	48	
10	100HHF-2020	15	20	20	50	39.0	332	317	300	283	253	208	133	53	

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 125HHF SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters							
		kW	HP					0	80	160	240	320	400	480	520
		3Ø						m ³ /h	0.0	4.8	9.6	14.4	19.2	24.0	28.8
1	125HHF-0403	3	4	3	65	8.5	48	48	47	42	34	24	12	4	
2	125HHF-0504	3.7	5	4	65	10.0	64	64	62	55	45	32	16	5	
3	125HHF-0605	4.5	6	5	65	12.0	81	80	78	69	57	40	20	6	
4	125HHF-0806	5.5	8	6	65	14.5	97	96	93	83	68	48	24	8	
5	125HHF-1008	7.5	10	8	65	19.5	129	127	124	111	91	64	31	10	
6	125HHF-1310	9.3	12.5	10	65	25.0	161	159	155	138	113	80	39	13	
7	125HHF-1512	11	15	12	65	29.0	193	191	186	166	136	96	47	15	
8	125HHF-1814	13	17.5	14	65	34.0	225	223	217	194	159	112	55	18	
9	125HHF-2016	15	20	16	65	39.0	258	255	248	221	181	128	63	20	

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 150HHF SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters							
		kW	HP					0	180	240	300	360	420	480	540
		3Ø						m ³ /h	0.0	10.8	14.4	18.0	21.6	25.2	28.8
1	150HHF-0503	3.7	5	3	65	10.0	48	45	43	41	37	30	21	9	
2	150HHF-0604	4.5	6	4	65	12.0	64	60	58	55	50	40	29	13	
3	150HHF-0805	5.5	8	5	65	14.5	80	75	72	68	62	49	36	16	
4	150HHF-1007	7.5	10	7	65	19.5	112	105	101	95	87	69	50	22	
5	150HHF-1308	9.3	12.5	8	65	25.0	128	120	115	109	99	79	57	25	
6	150HHF-1510	11	15	10	65	29.0	160	150	144	136	124	99	71	31	
7	150HHF-1812	13	17.5	12	65	34.0	192	180	173	164	149	119	86	38	
8	150HHF-2013	15	20	13	65	39.0	208	195	187	177	161	128	93	41	
9	150HHF-2014	15	20	14	65	39.0	224	210	201	191	173	138	100	44	

PERFORMANCE CHART FOR 150 MM (6") BOREWELL SUBMERSIBLE PUMPSETS - 200HHF SERIES AT RATED VOLTAGE OF 415 VOLTS - THREE PHASE, 50 Hz FREQUENCY, AC SUPPLY

S. No.	Pump Model	Power Rating		No of Stages	Outlet Size (mm)	Rated Current (Ampere)	LPM	Head in Meters							
		kW	HP					0	100	200	300	400	500	600	650
		3Ø						m ³ /h	0.0	6.0	12.0	18.0	24.0	30.0	36.0
1	200HHF-0402	3	4	2	65	8.5	30	30	30	28	24	18	8	3	
2	200HHF-0603	4.5	6	3	65	12.0	45	45	45	43	37	27	12	4	
3	200HHF-0804	5.5	7.5	4	65	14.5	60	60	60	57	49	36	16	6	
4	200HHF-1005	7.5	10	5	65	19.5	76	75	75	71	61	46	21	7	
5	200HHF-1306	9.3	12.5	6	65	25.0	91	90	89	85	73	55	25	8	
6	200HHF-1508	11	15	8	65	29.0	121	120	119	114	98	73	33	11	
7	200HHF-1809	13	17.5	9	65	34.0	136	135	134	128	110	82	37	13	
8	200HHF-2010	15	20	10	65	39.0	151	150	149	142	122	91	41	14	

KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

Service Toll-Free No.

1800 103 4443

Registered Office & Global Headquarters : "Yamuna", Survey No. 98 / (3 to 7), Plot No. 3, Baner, Pune 411 045, State Maharashtra, India.

Tel.: +91 (20) 2721 4444 Fax: +91 (20) 67211060 Email: marketing@kbl.co.in Website: www.kirloskarpumps.com CIN No.: L29113PN1920PLC000670

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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

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	12.8	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	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	6.8	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	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.

KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

Service Toll-Free No.

1800 103 4443

Registered Office & Global Headquarters : "Yamuna", Survey No. 98 / (3 to 7), Plot No. 3, Baner, Pune 411 045, State Maharashtra, India.

Tel.: +91 (20) 2721 4444 Fax: +91 (20) 67211060 Email: marketing@kbl.co.in Website: www.kirloskarpumps.com CIN No.: L29113PN1920PLC000670