



Enriching Lives



**KCIL & KSIL**  
KIRLOSKAR VERTICAL  
MULTI-STAGE INLINE PUMPS



KCIL



KSIL

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**



and



**LOGOS ON PACKAGING**

# KIRLOSKAR PUMPS

## TECHNICAL SPECIFICATION

Head Range	- Upto 323 metres
Discharge Range	- Upto 110 m <sup>3</sup> /h
Power Ratings	- 0.37 to 45 kW (0.5 to 60 HP)
Voltage Range	- 370 to 440 Volts (Three Phase)
Protection	- IP55
Insulation	- F Class
pH Value	- 4 to 10
Altitude	- Up to 1000 metres
Liquid Temperature Range	- -20° C to 120°C
Motors	- All motors are designed under IE2 specification.
Maximum Operating Pressure	- 16 bar (KCIL & KSIL-1 to 5 Series) 25 bar (KSIL & KCIL-10 to 90 Series)

## APPLICATIONS

- Building Industry - Booster, Fire fighting, Hydro pneumatic systems, Heating, Ventilation and Air conditioning systems.
- Water Treatment - Reverse osmosis systems, softening, Ion exchange, demineralizing systems, distillation systems
- Irrigation - Field irrigation (flooding), sprinkler irrigation, drip-feed irrigation.
- Dairy, Food Processing and Beverage Industries - Supply of clean water.
- Small Capacity Power Plants - Boiler feed and condensate transfer.

## FEATURES

### Superior Pump Hydraulics

Superior pump hydraulics due to advanced manufacturing processes coupled with IE2 motor facilitate higher efficiency at par with international standard.

### Cartridge Type Mechanical Seal

Superior quality cartridge type mechanical seal with high quality graphite and hard alloy ensures better heat resistance capacity, zero leakage and lower friction loss. This protects the shaft from wear and tear thus ensuring easy maintenance without opening the pump for a longer life.

### Splined Shaft

Splined shaft made from cold extrusion technology with high surface strength facilitates better life and good axiality.

### 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 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.

### Suitable for Horizontal Applications

The motor comes with ball bearings which makes it suitable for horizontal installation for water transfer at high heads in residential complex.

### 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.

## MATERIAL OF CONSTRUCTION

		KCIL	KSIL
Base Plate	-	Cast Iron	Cast Iron
Drainage Plug Assembly	-	Stainless Steel	Stainless Steel
Primary Diffuser	-	Stainless Steel	Stainless Steel
Diffuser with Bearing	-	Stainless Steel	Stainless Steel
Medium Diffuser	-	Stainless Steel	Stainless Steel
Impeller	-	Stainless Steel	Stainless Steel
Final Diffuser	-	Stainless Steel	Stainless Steel
Motor Base	-	Cast Iron	Cast Iron
Vent Plug Assembly	-	Stainless Steel	Stainless Steel
Pump Shaft	-	Stainless Steel	Stainless Steel
Pump Casing (Suc & Del)	-	Cast Iron	Stainless Steel

# KIRLOSKAR PUMPS

## PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 1 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr								
		kW	HP	SUC.	DEL.		0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
							TOTAL HEAD IN METRES								
1	KSIL/KCIL1-2	0.37	0.5	32	32	2	12	12	12	12	12	11	11	10	10
2	KSIL/KCIL1-3	0.37	0.5	32	32	3	18	18	18	18	17	17	16	15	14
3	KSIL/KCIL1-4	0.37	0.5	32	32	4	24	24	24	23	22	22	21	19	18
4	KSIL/KCIL1-5	0.37	0.5	32	32	5	30	30	30	29	28	27	26	24	22
5	KSIL/KCIL1-6	0.37	0.5	32	32	6	36	36	35	35	34	32	30	28	25
6	KSIL/KCIL1-7	0.37	0.5	32	32	7	42	42	41	41	39	37	35	32	30
7	KSIL/KCIL1-8	0.55	0.75	32	32	8	48	48	47	46	45	43	40	37	34
8	KSIL/KCIL1-9	0.55	0.75	32	32	9	54	54	53	52	50	48	45	41	37
9	KSIL/KCIL1-10	0.55	0.75	32	32	10	60	59	58	57	55	53	50	46	41
10	KSIL/KCIL1-11	0.55	0.75	32	32	11	65	65	64	62	61	58	54	50	45
11	KSIL/KCIL1-12	0.75	1.0	32	32	12	73	72	71	69	67	64	61	55	50
12	KSIL/KCIL1-13	0.75	1.0	32	32	13	78	78	77	75	73	69	65	60	54
13	KSIL/KCIL1-15	0.75	1.0	32	32	15	90	90	88	86	83	79	74	68	61
14	KSIL/KCIL1-17	1.1	1.5	32	32	17	103	102	101	99	95	91	85	79	70
15	KSIL/KCIL1-19	1.1	1.5	32	32	19	115	114	112	109	106	101	94	87	78
16	KSIL/KCIL1-21	1.1	1.5	32	32	21	126	125	123	120	116	110	103	95	85
17	KSIL/KCIL1-23	1.1	1.5	32	32	23	137	136	134	131	126	120	112	103	92
18	KSIL/KCIL1-25	1.5	2.0	32	32	25	153	152	150	147	142	136	128	118	106
19	KSIL/KCIL1-27	1.5	2.0	32	32	27	165	164	162	158	153	146	137	127	114
20	KSIL/KCIL1-30	1.5	2.0	32	32	30	182	181	178	175	169	162	152	140	126
21	KSIL/KCIL1-33	2.2	3.0	32	32	33	203	202	199	195	189	181	170	157	142
22	KSIL/KCIL1-36	2.2	3.0	32	32	36	221	220	217	212	206	197	185	171	154

## PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 2 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr							
		kW	HP	SUC.	DEL.		1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5
							TOTAL HEAD IN METRES							
1	KSIL/KCIL2-2	0.37	0.50	32	32	2	18	17	16	15	13	12	10	8
2	KSIL/KCIL2-3	0.37	0.50	32	32	3	27	26	24	22	20	18	15	12
3	KSIL/KCIL2-4	0.55	0.75	32	32	4	36	35	33	30	26	24	17	16
4	KSIL/KCIL2-5	0.55	0.75	32	32	5	45	43	40	37	33	30	24	20
5	KSIL/KCIL2-6	0.75	1.00	32	32	6	53	52	50	45	40	36	30	24
6	KSIL/KCIL2-7	0.75	1.00	32	32	7	63	61	57	52	47	41	35	28
7	KSIL/KCIL2-8	1.10	1.50	32	32	8	71	69	65	59	54	47	40	33
8	KSIL/KCIL2-9	1.10	1.50	32	32	9	80	78	73	67	61	54	45	37
9	KSIL/KCIL2-10	1.10	1.50	32	32	10	89	86	81	74	67	59	49	40
10	KSIL/KCIL2-11	1.10	1.50	32	32	11	98	95	89	82	73	64	54	44
11	KSIL/KCIL2-12	1.50	2.00	32	32	12	107	103	97	90	81	71	59	47
12	KSIL/KCIL2-13	1.50	2.00	32	32	13	116	114	106	98	89	78	65	52
13	KSIL/KCIL2-14	1.50	2.00	32	32	14	125	122	118	105	94	84	69	57
14	KSIL/KCIL2-15	1.50	2.00	32	32	15	134	130	123	112	100	90	73	60
15	KSIL/KCIL2-16	2.20	3.00	32	32	16	143	139	131	120	107	96	79	66
16	KSIL/KCIL2-17	2.20	3.00	32	32	17	152	148	139	128	114	102	85	70
17	KSIL/KCIL2-18	2.20	3.00	32	32	18	161	157	148	136	121	108	91	76
18	KSIL/KCIL2-19	2.20	3.00	32	32	19	170	165	156	143	127	113	95	81
19	KSIL/KCIL2-20	2.20	3.00	32	32	20	179	174	164	150	134	119	100	85
20	KSIL/KCIL2-21	2.20	3.00	32	32	21	188	183	172	157	141	124	105	88
21	KSIL/KCIL2-22	2.20	3.00	32	32	22	197	192	180	165	148	130	110	90
22	KSIL/KCIL2-23	3.00	4.00	32	32	23	204	201	188	173	155	137	117	97
23	KSIL/KCIL2-24	3.00	4.00	32	32	24	214	210	197	181	163	144	120	105
24	KSIL/KCIL2-25	3.00	4.00	32	32	25	223	219	205	189	168	151	125	107
25	KSIL/KCIL2-26	3.00	4.00	32	32	26	232	228	214	198	178	158	130	110

# KIRLOSKAR PUMPS

PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 3 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY															
S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr								
		kW	HP	SUC.	DEL.		1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0
							TOTAL HEAD IN METRES								
1	KSIL/KCIL3-2	0.37	0.5	32	32	2	13	12	12	11	11	11	10	8	8
2	KSIL/KCIL3-3	0.37	0.5	32	32	3	19	19	18	17	16	16	15	14	12
3	KSIL/KCIL3-4	0.37	0.5	32	32	4	25	24	23	22	20	19	18	17	14
4	KSIL/KCIL3-5	0.37	0.5	32	32	5	31	31	29	27	25	24	22	20	17
5	KSIL/KCIL3-6	0.55	0.75	32	32	6	37	36	35	33	30	29	28	24	21
6	KSIL/KCIL3-7	0.55	0.75	32	32	7	43	42	40	37	35	33	31	28	24
7	KSIL/KCIL3-8	0.75	1.0	32	32	8	51	48	47	44	41	39	37	33	28
8	KSIL/KCIL3-9	0.75	1.0	32	32	9	56	54	51	48	45	43	40	36	30
9	KSIL/KCIL3-10	0.75	1.0	32	32	10	62	60	57	54	50	48	45	40	33
10	KSIL/KCIL3-11	1.1	1.5	32	32	11	69	66	63	60	56	53	50	44	38
11	KSIL/KCIL3-12	1.1	1.5	32	32	12	75	72	69	65	61	58	55	48	41
12	KSIL/KCIL3-13	1.1	1.5	32	32	13	80	78	74	70	65	62	58	51	44
13	KSIL/KCIL3-15	1.1	1.5	32	32	15	92	89	85	80	73	70	66	58	49
14	KSIL/KCIL3-17	1.5	2.0	32	32	17	107	104	100	94	87	83	79	70	59
15	KSIL/KCIL3-19	1.5	2.0	32	32	19	119	116	111	104	97	93	88	77	65
16	KSIL/KCIL3-21	2.2	3.0	32	32	21	133	129	124	117	109	104	99	88	75
17	KSIL/KCIL3-23	2.2	3.0	32	32	23	146	141	135	128	119	114	108	95	81
18	KSIL/KCIL3-25	2.2	3.0	32	32	25	158	153	146	138	128	123	117	102	87
19	KSIL/KCIL3-27	2.2	3.0	32	32	27	170	164	157	148	138	132	125	110	93
20	KSIL/KCIL3-29	2.2	3.0	32	32	29	182	176	168	159	147	140	133	118	100
21	KSIL/KCIL3-31	3	4.0	32	32	31	197	191	183	173	161	153	146	128	110
22	KSIL/KCIL3-33	3	4.0	32	32	33	210	203	194	183	170	162	152	137	116
23	KSIL/KCIL3-36	3	4.0	32	32	36	228	221	211	200	185	177	168	149	126

PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 4 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY															
S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr								
		kW	HP	SUC.	DEL.		1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	
							TOTAL HEAD IN METRES								
1	KSIL/KCIL4-2	0.37	0.50	32	32	2	19	18	17	15	13	10	8	6	
2	KSIL/KCIL4-3	0.55	0.75	32	32	3	28	27	26	24	20	18	14	10	
3	KSIL/KCIL4-4	0.75	1.00	32	32	4	38	36	34	32	27	24	18	13	
4	KSIL/KCIL4-5	1.10	1.50	32	32	5	47	45	43	40	34	31	23	17	
5	KSIL/KCIL4-6	1.10	1.50	32	32	6	56	54	52	48	41	37	28	20	
6	KSIL/KCIL4-7	1.50	2.00	32	32	7	66	63	61	56	48	43	34	24	
7	KSIL/KCIL4-8	1.50	2.00	32	32	8	74	72	70	64	55	50	38	27	
8	KSIL/KCIL4-9	2.20	3.00	32	32	9	86	81	78	72	63	56	44	32	
9	KSIL/KCIL4-10	2.20	3.00	32	32	10	96	90	87	81	71	62	50	34	
10	KSIL/KCIL4-11	2.20	3.00	32	32	11	105	99	95	88	78	68	53	39	
11	KSIL/KCIL4-12	2.20	3.00	32	32	12	114	108	104	95	85	75	57	41	
12	KSIL/KCIL4-13	3.00	4.00	32	32	13	123	117	113	103	93	82	63	45	
13	KSIL/KCIL4-14	3.00	4.00	32	32	14	136	126	122	112	101	89	69	48	
14	KSIL/KCIL4-15	4.00	5.50	32	32	15	142	135	131	120	108	95	73	52	
15	KSIL/KCIL4-16	4.00	5.50	32	32	16	152	144	140	129	115	101	78	55	
16	KSIL/KCIL4-17	4.00	5.50	32	32	17	163	153	149	137	122	108	83	62	
17	KSIL/KCIL4-18	4.00	5.50	32	32	18	175	162	158	145	129	115	89	65	
18	KSIL/KCIL4-19	4.00	5.50	32	32	19	183	171	168	153	137	122	95	67	
19	KSIL/KCIL4-20	4.00	5.50	32	32	20	192	180	176	161	144	127	99	72	
20	KSIL/KCIL4-21	4.00	5.50	32	32	21	203	190	184	169	152	132	103	75	
21	KSIL/KCIL4-22	4.00	5.50	32	32	22	211	200	192	178	160	138	108	79	

# KIRLOSKAR PUMPS

**PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 5 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY**

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr						
		kW	HP	SUC.	DEL.		1	2	3	4	5	6	7
							TOTAL HEAD IN METRES						
1	KSIL/KCIL5-2	0.37	0.5	32	32	2	13	12	12	10	9	7	6
2	KSIL/KCIL5-3	0.55	0.75	32	32	3	19	19	18	16	15	12	10
3	KSIL/KCIL5-4	0.55	0.75	32	32	4	26	25	24	22	19	16	14
4	KSIL/KCIL5-5	0.75	1	32	32	5	33	32	30	28	24	22	18
5	KSIL/KCIL5-6	1.1	1.5	32	32	6	40	38	37	34	31	27	23
6	KSIL/KCIL5-7	1.1	1.5	32	32	7	46	45	42	40	36	32	27
7	KSIL/KCIL5-8	1.1	1.5	32	32	8	53	51	48	45	41	36	31
8	KSIL/KCIL5-9	1.5	2	32	32	9	60	59	56	53	48	44	37
9	KSIL/KCIL5-10	1.5	2	32	32	10	67	65	62	59	54	48	41
10	KSIL/KCIL5-11	2.2	3	32	32	11	74	73	70	66	61	54	47
11	KSIL/KCIL5-12	2.2	3	32	32	12	81	79	76	72	66	59	51
12	KSIL/KCIL5-13	2.2	3	32	32	13	88	85	82	78	71	64	55
13	KSIL/KCIL5-14	2.2	3	32	32	14	95	92	89	83	77	69	60
14	KSIL/KCIL5-15	2.2	3	32	32	15	101	99	95	89	82	74	63
15	KSIL/KCIL5-16	2.2	3	32	32	16	108	105	101	95	87	78	68
16	KSIL/KCIL5-18	3	4	32	32	18	122	119	115	109	100	90	78
17	KSIL/KCIL5-20	3	4	32	32	20	135	132	127	120	111	100	87
18	KSIL/KCIL5-22	4	5.5	32	32	22	150	147	142	134	124	112	97
19	KSIL/KCIL5-24	4	5.5	32	32	24	163	160	154	146	135	122	106
20	KSIL/KCIL5-26	4	5.5	32	32	26	176	173	166	157	146	132	115
21	KSIL/KCIL5-29	4	5.5	32	32	29	198	194	188	178	165	149	131

**PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 10 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY**

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr					
		kW	HP	SUC.	DEL.		2	4	6	8	10	12
							TOTAL HEAD IN METRES					
1	KSIL/KCIL10-1	0.37	0.5	42	42	1	10	10	9	8	7	5
2	KSIL/KCIL10-2	0.75	1	42	42	2	20	20	19	18	15	12
3	KSIL/KCIL10-3	1.1	1.5	42	42	3	30	30	29	26	23	18
4	KSIL/KCIL10-4	1.5	2	42	42	4	40	40	40	36	32	26
5	KSIL/KCIL10-5	2.2	3	42	42	5	51	51	50	46	40	33
6	KSIL/KCIL10-6	2.2	3	42	42	6	61	61	59	55	48	39
7	KSIL/KCIL10-7	3.0	4	42	42	7	72	72	70	65	56	46
8	KSIL/KCIL10-8	3.0	4	42	42	8	82	82	80	74	64	53
9	KSIL/KCIL10-9	3.0	4	42	42	9	92	92	89	82	70	59
10	KSIL/KCIL10-10	4.0	5.5	42	42	10	102	102	100	93	80	66
11	KSIL/KCIL10-12	4.0	5.5	42	42	12	122	122	119	110	95	79
12	KSIL/KCIL10-14	5.5	7.5	42	42	14	143	142	140	130	113	94
13	KSIL/KCIL10-16	5.5	7.5	42	42	16	163	163	159	148	128	106
14	KSIL/KCIL10-18	7.5	10	42	42	18	185	184	182	169	147	123
15	KSIL/KCIL10-20	7.5	10	42	42	20	206	204	201	188	164	136
16	KSIL/KCIL10-22	7.5	10	42	42	22	226	226	221	206	181	147

# KIRLOSKAR PUMPS

**PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 15 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY**

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr						
		kW	HP	SUC.	DEL.		TOTAL HEAD IN METRES						
							3	6	9	12	15	18	21
1	KSIL/KCIL15-1	1.1	1.5	65	65	1	15	13	13	12	11	10	9
2	KSIL/KCIL15-2	2.2	3	65	65	2	28	27	26	25	23	21	18
3	KSIL/KCIL15-3	3	4	65	65	3	42	41	40	38	35	32	28
4	KSIL/KCIL15-4	4	5.5	65	65	4	58	55	55	51	47	43	38
5	KSIL/KCIL15-5	4	5.5	65	65	5	70	68	66	64	58	53	48
6	KSIL/KCIL15-6	5.5	7.5	65	65	6	83	82	80	77	71	64	58
7	KSIL/KCIL15-7	5.5	7.5	65	65	7	98	96	94	89	83	75	65
8	KSIL/KCIL15-8	7.5	10	65	65	8	112	110	108	103	96	86	75
9	KSIL/KCIL15-9	7.5	10	65	65	9	125	123	120	115	108	97	84
10	KSIL/KCIL15-10	11	15	65	65	10	140	138	136	129	120	109	95
11	KSIL/KCIL15-12	11	15	65	65	12	168	165	162	155	142	130	114
12	KSIL/KCIL15-14	11	15	65	65	14	194	192	188	180	166	151	130
13	KSIL/KCIL15-17	15	20	65	65	17	237	234	230	219	205	185	160

**PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 20 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY**

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr						
		kW	HP	SUC.	DEL.		TOTAL HEAD IN METRES						
							4	8	12	16	20	24	28
1	KSIL/KCIL20-1	1.1	1.5	65	65	1	13	13	13	12	11	9	7
2	KSIL/KCIL20-2	2.2	3	65	65	2	28	28	27	25	23	19	15
3	KSIL/KCIL20-3	4.0	5	65	65	3	43	43	42	39	36	30	23
4	KSIL/KCIL20-4	5.5	7.5	65	65	4	58	57	56	53	48	41	32
5	KSIL/KCIL20-5	5.5	7.5	65	65	5	73	72	70	66	60	52	40
6	KSIL/KCIL20-6	7.5	10	65	65	6	87	84	83	80	72	62	49
7	KSIL/KCIL20-7	7.5	10	65	65	7	102	100	97	93	84	72	57
8	KSIL/KCIL20-8	11.0	15	65	65	8	117	116	113	107	96	85	67
9	KSIL/KCIL20-10	15.0	20	65	65	10	146	144	140	132	120	105	83
10	KSIL/KCIL20-12	15.0	20	65	65	12	175	174	169	161	144	127	101
11	KSIL/KCIL20-14	15.0	20	65	65	14	204	202	197	187	168	147	117
12	KSIL/KCIL20-17	18.5	25	65	65	17	249	247	241	229	210	181	144

# KIRLOSKAR PUMPS

**PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 32 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY**

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr					
		kW	HP	SUC.	DEL.		15	20	25	32	35	40
							TOTAL HEAD IN METRES					
1	KSIL/KCIL32-1-1	1.5	2.0	74	74	1	15	14	13	10	8	5
2	KSIL/KCIL32-1	2.2	3.0	74	74	1	18	17	16	13	12	9
3	KSIL/KCIL32-2-2	3.0	4.0	74	74	2	31	30	27	21	18	12
4	KSIL/KCIL32-2	4.0	5.5	74	74	2	37	36	32	27	25	20
5	KSIL/KCIL32-3-2	5.5	7.5	74	74	3	50	47	44	37	31	23
6	KSIL/KCIL32-3	5.5	7.5	74	74	3	56	53	49	44	38	30
7	KSIL/KCIL32-4-2	7.5	10.0	74	74	4	69	65	60	51	44	32
8	KSIL/KCIL32-4	7.5	10.0	74	74	4	75	71	66	59	51	40
9	KSIL/KCIL32-5-2	11.0	15.0	74	74	5	89	85	78	65	59	45
10	KSIL/KCIL32-5	11.0	15.0	74	74	5	95	90	84	71	65	52
11	KSIL/KCIL32-6-2	11.0	15.0	74	74	6	107	102	95	80	71	55
12	KSIL/KCIL32-6	11.0	15.0	74	74	6	113	108	100	86	78	62
13	KSIL/KCIL32-7-2	15.0	20.0	74	74	7	127	121	112	95	85	67
14	KSIL/KCIL32-7	15.0	20.0	74	74	7	133	126	118	101	92	74
15	KSIL/KCIL32-8-2	15.0	20.0	74	74	8	145	138	128	108	98	77
16	KSIL/KCIL32-8	15.0	20.0	74	74	8	151	144	134	115	104	83
17	KSIL/KCIL32-9-2	18.5	25.0	74	74	9	165	158	147	124	112	89
18	KSIL/KCIL32-9	18.5	25.0	74	74	9	171	163	152	131	119	96
19	KSIL/KCIL32-10-2	18.5	25.0	74	74	10	184	175	163	138	125	99
20	KSIL/KCIL32-10	18.5	25.0	74	74	10	190	181	169	145	133	106
21	KSIL/KCIL32-11-2	22.0	30.0	74	74	11	203	194	181	154	140	112
22	KSIL/KCIL32-11	22.0	30.0	74	74	11	209	200	187	161	147	118
23	KSIL/KCIL32-12-2	22.0	30.0	74	74	12	222	212	197	168	152	121
24	KSIL/KCIL32-12	22.0	30.0	74	74	12	227	217	203	176	160	128
25	KSIL/KCIL32-13-2	30.0	40.0	74	74	13	244	233	218	187	169	136
26	KSIL/KCIL32-13	30.0	40.0	74	74	13	250	239	224	193	177	145
27	KSIL/KCIL32-14-2	30.0	40.0	74	74	14	263	251	234	201	183	146
28	KSIL/KCIL32-14	30.0	40.0	74	74	14	269	258	241	207	188	156

**PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 45 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY**

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr						
		kW	HP	SUC.	DEL.		25	30	35	40	45	50	55
							TOTAL HEAD IN METRES						
1	KSIL/KCIL45-1-1	3.0	4.0	80	80	1	20	20	18	17	15	13	11
2	KSIL/KCIL45-1	4.0	5.5	80	80	1	24	23	22	21	19	18	15
3	KSIL/KCIL45-2-2	5.5	7.5	80	80	2	41	39	37	34	31	27	22
4	KSIL/KCIL45-2	7.5	10.0	80	80	2	49	47	45	42	39	35	31
5	KSIL/KCIL45-3-2	11.0	15.0	80	80	3	66	64	61	57	52	46	40
6	KSIL/KCIL45-3	11.0	15.0	80	80	3	74	71	68	64	60	54	48
7	KSIL/KCIL45-4-2	15.0	20.0	80	80	4	91	88	84	79	72	65	56
8	KSIL/KCIL45-4	15.0	20.0	80	80	4	99	95	91	86	80	73	64
9	KSIL/KCIL45-5-2	18.5	25.0	80	80	5	118	113	107	101	93	84	73
10	KSIL/KCIL45-5	18.5	25.0	80	80	5	122	120	115	108	100	92	81
11	KSIL/KCIL45-6-2	22.0	30.0	80	80	6	142	137	131	122	113	103	90
12	KSIL/KCIL45-6	22.0	30.0	80	80	6	149	144	138	130	121	111	98
13	KSIL/KCIL45-7-2	30.0	40.0	80	80	7	168	163	156	147	135	123	109
14	KSIL/KCIL45-7	30.0	40.0	80	80	7	176	171	163	155	144	132	116
15	KSIL/KCIL45-8-2	30.0	40.0	80	80	8	193	187	179	168	155	142	126
16	KSIL/KCIL45-8	30.0	40.0	80	80	8	200	194	187	176	164	149	134
17	KSIL/KCIL45-9-2	30.0	40.0	80	80	9	217	211	202	189	174	159	142
18	KSIL/KCIL45-9	30.0	40.0	80	80	9	226	219	210	199	185	170	151
19	KSIL/KCIL45-10-2	37.0	50.0	80	80	10	242	236	225	212	196	179	159
20	KSIL/KCIL45-10	37.0	50.0	80	80	10	251	243	233	220	205	187	166
21	KSIL/KCIL45-11-2	45.0	60.0	80	80	11	273	264	253	238	222	201	179
22	KSIL/KCIL45-11	45.0	60.0	80	80	11	281	272	261	246	230	209	187
23	KSIL/KCIL45-12-2	45.0	60.0	80	80	12	298	289	276	261	242	220	195
24	KSIL/KCIL45-12	45.0	60.0	80	80	12	306	296	284	268	251	229	204
25	KSIL/KCIL45-13-2	45.0	60.0	80	80	13	323	313	300	283	263	239	212



# KIRLOSKAR PUMPS

**PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 64 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY**

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr					
		kW	HP	SUC.	DEL.		30	40	50	64	70	80
							TOTAL HEAD IN METRES					
1	KSIL/KCIL64-1-1	4.0	5.5	100	100	1	20	19	18	14	12	9
2	KSIL/KCIL64-1	5.5	7.5	100	100	1	27	26	24	21	20	17
3	KSIL/KCIL64-2-2	7.5	10.0	100	100	2	40	38	36	29	26	19
4	KSIL/KCIL64-2-1	11.0	15.0	100	100	2	48	46	43	37	35	29
5	KSIL/KCIL64-2	11.0	15.0	100	100	2	55	53	50	44	42	36
6	KSIL/KCIL64-3-2	15.0	20.0	100	100	3	68	66	60	53	49	40
7	KSIL/KCIL64-3-1	15.0	20.0	100	100	3	76	72	68	60	56	47
8	KSIL/KCIL64-3	18.5	25.0	100	100	3	84	80	76	68	64	56
9	KSIL/KCIL64-4-2	18.5	25.0	100	100	4	96	93	87	76	68	59
10	KSIL/KCIL64-4-1	22.0	30.0	100	100	4	104	100	95	84	79	68
11	KSIL/KCIL64-4	22.0	30.0	100	100	4	112	107	102	91	86	75
12	KSIL/KCIL64-5-2	30.0	40.0	100	100	5	126	122	115	101	94	81
13	KSIL/KCIL64-5-1	30.0	40.0	100	100	5	134	129	122	109	102	88
14	KSIL/KCIL64-5	30.0	40.0	100	100	5	141	136	129	116	109	96
15	KSIL/KCIL64-6-2	30.0	40.0	100	100	6	154	148	140	124	115	99
16	KSIL/KCIL64-6-1	37.0	50.0	100	100	6	162	156	148	132	124	108
17	KSIL/KCIL64-6	37.0	50.0	100	100	6	170	163	155	139	131	116
18	KSIL/KCIL64-7-2	37.0	50.0	100	100	7	182	176	166	147	138	119
19	KSIL/KCIL64-7-1	37.0	50.0	100	100	7	190	183	173	155	145	126
20	KSIL/KCIL64-7	45.0	60.0	100	100	7	202	194	184	165	155	136
21	KSIL/KCIL64-8-2	45.0	60.0	100	100	8	214	207	196	174	163	140
22	KSIL/KCIL64-8-1	45.0	60.0	100	100	8	222	214	203	181	170	148

**PERFORMANCE CHART FOR KCIL / KSIL PUMPSETS - 90 SERIES, AT RATED VOLTAGE OF 415 VOLTS, 50 HZ FREQUENCY, THREE PHASE A.C. POWER SUPPLY**

S. No.	Pump Model	Power Rating		Pipe Size (mm)		No of Stages	DISCHARGE IN m <sup>3</sup> /hr						
		kW	HP	SUC.	DEL.		50	60	70	80	90	100	110
							TOTAL HEAD IN METRES						
1	KSIL/KCIL90-1-1	5.5	7.5	100	100	1	21	20	18	16	14	11	7
2	KSIL/KCIL90-1	7.5	10.0	100	100	1	26	25	24	22	20	18	14
3	KSIL/KCIL90-2-2	11.0	15.0	100	100	2	43	41	38	35	30	24	17
4	KSIL/KCIL90-2	15.0	20.0	100	100	2	55	52	49	46	43	38	32
5	KSIL/KCIL90-3-2	18.5	25.0	100	100	3	72	68	64	58	52	44	35
6	KSIL/KCIL90-3	22.0	30.0	100	100	3	85	80	76	71	65	59	51
7	KSIL/KCIL90-4-2	30.0	40.0	100	100	4	102	97	91	85	76	66	54
8	KSIL/KCIL90-4	30.0	40.0	100	100	4	114	109	103	96	89	80	69.5
9	KSIL/KCIL90-5-2	37.0	50.0	100	100	5	131	125	118	109	99	87	72
10	KSIL/KCIL90-5	37.0	50.0	100	100	5	142	136	129	121	111	101	87
11	KSIL/KCIL90-6-2	45.0	60.0	100	100	6	161	154	145	135	123	108	92
12	KSIL/KCIL90-6	45.0	60.0	100	100	6	175	166	156	146	135	123	108

**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.

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