

Performance of "Mahendra" KR series submersible pumsets suitable for 4" (100 mm) borewell at 2880 RPM with 220 volts, single phase (or) 415 volts three phase, AC, 50 Hz supply

Sl. No	PUMP MODEL	H.P./K.W	No.OF STAGES	PIPE SIZE mm	DIS-CHARGE IN LPM	6	9	12	15	18	21	24	27	30	
1	KR38/13	0.5/0.37	13	32	TOTAL HEAD IN MTRS	63	62	55	52	45	39	21	13	6	
2	KR38/18	0.75/0.55	18	32		90	86	80	72	64	54	29	15	9	
3	KR38/25	1.0/0.75	25	32		116	101	90	84	74	63	34	22	10	
					DISCHARGE IN LPM	<b>12</b>	<b>18</b>	<b>24</b>	<b>30</b>	<b>36</b>	<b>42</b>	<b>48</b>	<b>54</b>	<b>60</b>	
4	KR40/08	0.5/0.37	8	32	TOTAL HEAD IN MTRS	39	38	34	31	27	22	15	7	2	
5	KR40/13	0.75/0.55	13	32		63	61	55	50	44	36	24	11	3	
6	KR40/16	1.0/0.75	16	32		78	75	68	62	54	44	30	14	4	
7	KR40/18	1.0/0.75	18	32		88	84	77	70	61	50	34	16	5	
8	KR40/25	1.5/1.1	25	32		122	117	106	97	84	69	47	22	6	
9	KR40/36	2.0/1.5	36	40		176	168	152	140	121	99	68	32	9	
10	KR41/07	0.50/0.37	7	32		39	38	36	34	32	30	26	20	17	
11	KR41/10	0.75/0.55	10	32		56	54	51	48	46	43	38	29	24	
12	KR41/12	1.0/0.75	12	32		67	65	62	58	55	51	45	34	29	
13	KR41/18	1.5/1.1	18	32		100	98	93	87	82	77	67	51	44	
14	KR41/21	1.5/1.1	21	32		117	114	108	102	96	90	78	60	51	
15	KR41/23	2.0/1.5	23	40		128	125	118	112	105	96	85	66	56	
16	KR41/27	2.0/1.5	27	40		150	147	139	131	123	116	100	77	66	
						DISCHARGE IN LPM	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>
17	KR42H/7	0.5/0.37	7	32		TOTAL HEAD IN MTRS	48	46	43	39	35	30	26	21	16
18	KR42H/10	0.75/0.55	10	32			69	66	62	56	51	43	37	30	23
19	KR42H/14	1.0/0.75	14	32	97		92	87	78	71	62	52	40	32	
20	KR42H/21	1.5/1.1	21	32	145		138	129	117	105	90	78	63	48	
21	KR42H/28	2.0/1.5	28	40	193		184	172	156	140	120	104	84	64	
					DISCHARGE IN LPM	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>	<b>100</b>	
22	KR42H3/6	0.75/0.55	6	32	TOTAL HEAD IN MTRS	42	40	35	33	27	21	17	8	3	
23	KR42H3/7	1.0/0.75	7	32		49	46	41	39	32	25	19	9	4	
24	KR42H3/8	1.0/0.75	8	32		56	53	47	44	36	28	22	10	4	
25	KR42H3/12	1.5/1.1	12	32		84	80	71	66	54	42	33	15	6	
26	KR43/05	0.50/0.37	5	32		26	25	24	23	18	16	13	8	4	
27	KR43/07	0.75/0.55	7	32		37	35	34	32	25	22	18	11	7	
28	KR43/10	1.0/0.75	10	32		52	50	48	45	35	32	26	15	11	
29	KR 43/12	1.0/0.75	12	32		69	67	64	60	52	44	36	28	12	
30	KR43/15	1.5/1.1	15	32		85	83	79	74	65	55	45	34	14	
31	KR42H3/16	2.0/1.5	16	40		112	106	94	88	72	56	44	22	12	
32	KR43/19	2.0/1.5	19	40		108	105	101	94	83	70	57	43	18	
						DISCHARGE IN LPM	<b>40</b>	<b>60</b>	<b>80</b>	<b>100</b>	<b>120</b>	<b>140</b>	<b>160</b>	<b>180</b>	<b>200</b>
33	KR44/06	0.75/0.55	6	40	TOTAL HEAD IN MTRS	34	32	28	22	18	10	7			
34	KR44/08	1.0/0.75	8	40		45	41	39	29	23	13	10			
35	KR44/12	1.5/1.1	12	40		67	63	55	44	35	19	13			
36	KR44/16	2.0/1.5	16	40		90	84	74	59	44	26	17			
37	KR45/5	1.0/0.75	5	40		29	27	25	23	20	15	12	7	3	
38	KR45/7	1.5/1.1	7	40		42	38	36	33	27	22	16	9	4	
39	KR47/6	1.5/1.1	6	50		35	34	32	30	28	24	22	18	14	
40	KR45/10	2.0/1.5	10	40		59	55	51	46	39	31	23	14	6	
41	KR47/8	2.0/1.5	8	50		47	45	42	40	37	32	29	23	18	
42	KR47/9	2.0/1.5	9	50		53	51	48	45	42	36	33	26	21	
						DISCHARGE IN LPM	<b>60</b>	<b>90</b>	<b>120</b>	<b>150</b>	<b>180</b>	<b>210</b>	<b>270</b>	<b>300</b>	<b>330</b>
43	KR49/5	1.5/1.1	5	50	TOTAL HEAD IN MTRS	25	24	23	20	19	18	15	13	12	
44	KR49MG/5	1.5/1.1	5	50		22	21	20	18	17	14	12	9	6	
45	KR49/6	2.0/1.5	6	50		29	28	27	24	23	22	18	15	14	
46	KR49/7	2.0/1.5	7	50		35	32	31	27	26	25	20	17	16	
47	KR49MG/7	2.0/1.5	7	50		30	29	28	26	24	20	15	13	9	