

Performance of "Mahendra" KRJ series oil cooled submersible pumpsets suitable for 4" (100mm) Borewell at 2880 RPM with 220 volts, single phase AC, 50 Hz supply.

Sl. No.	PUMP MODEL	HP / KW	No. of Stages	PIPE SIZE mm	Discharge in LPM	6	9	12	15	18	21	24	27	30
1	KRJ38/13	0.5/0.37	13	32	TOTAL HEAD IN METRES	63	62	55	52	45	39	21	13	6
2	KRJ38/18	0.75/0.55	18	32		90	86	80	72	64	54	29	15	9
3	KRJ38/25	1.0/0.75	25	32		116	101	90	84	74	63	34	22	10
					Discharge in LPM	12	18	24	30	36	42	48	54	60
4	KRJ40/08	0.5/0.37	8	32	TOTAL HEAD IN METRES	39	38	34	31	27	22	15	7	2
5	KRJ40/13	0.75/0.55	13	32		63	61	55	50	44	36	24	11	3
6	KRJ40/16	1.0/0.75	16	32		78	75	68	62	54	44	30	14	4
7	KRJ40/18	1.0/0.75	18	32		88	84	77	70	61	50	34	16	5
8	KRJ41/07	0.50/0.37	7	32		39	38	36	34	32	30	26	20	17
9	KRJ41/10	0.75/0.55	10	32		56	54	51	48	46	43	38	29	24
10	KRJ41/12	1.0/0.75	12	32		67	65	62	58	55	51	45	34	29
					Discharge in LPM	10	15	20	25	30	35	40	45	50
11	KRJ42H/7	0.5/0.37	7	32	TOTAL HEAD IN METRES	48	46	43	39	35	30	26	21	16
12	KRJ42H/10	0.75/0.55	10	32		69	66	62	56	51	43	37	30	23
13	KRJ42H/14	1.0/0.75	14	32		97	92	87	78	71	62	52	40	32
14	KRJ42H/18	1.5/1.1	18	32		124	118	112	100	91	80	69	51	41
15	KRJ42H/21	1.5/1.1	21	32		145	138	129	117	105	90	78	63	48
					Discharge in LPM	20	30	40	50	60	70	80	90	100
16	KRJ42H3/6	0.75/0.55	6	32	TOTAL HEAD IN METRES	42	40	35	33	27	21	17	8	3
17	KRJ42H3/7	1.0/0.75	7	32		49	46	41	39	32	25	19	9	4
18	KRJ42H3/8	1.0/0.75	8	32		56	53	47	44	36	28	22	10	4
19	KRJ42H3/12	1.5/1.1	12	32		84	80	71	66	54	42	33	15	6
20	KRJ43/05	0.50/0.37	5	32		26	25	24	23	18	16	13	8	4
21	KRJ43/07	0.75/0.55	7	32		37	35	34	32	25	22	18	11	7
22	KRJ43/10	1.0/0.75	10	32		52	50	48	45	35	32	26	15	11
23	KRJ43/12	1.0/0.75	12	32		69	67	64	60	52	44	36	28	12
24	KRJ43/15	1.5/1.1	15	32		85	83	79	74	65	55	45	34	14
						Discharge in LPM	40	60	80	100	120	140	160	180
25	KRJ44/06	0.75/0.55	6	40	TOTAL HEAD IN METRES	34	32	28	22	18	10	7		
26	KRJ44/08	1.0/0.75	8	40		45	41	39	29	23	13	10		
27	KRJ44/12	1.5/1.1	12	40		67	63	55	44	35	19	13		
28	KRJ45/5	1.0/0.75	5	40		29	27	25	23	20	15	12	7	3
29	KRJ45/7	1.5/1.1	7	40		42	38	36	33	27	22	16	9	4
30	KRJ47/6	1.5/1.1	6	50		35	34	32	30	28	24	22	18	14
					Discharge in LPM	60	90	120	150	180	210	270	300	330
31	KRJ49/5	1.5/1.1	5	50	TOTAL HEAD IN METRES	25	24	23	20	19	18	15	13	12