

Performance of "Mahendra" VR Series submersible pumpsets suitable for 4" (100mm) Borewell at 2880 rpm with 220 volts, single phase (upto 3 hp), (or) 415 volts three phase, AC, 50 Hz supply.

Sl. No.	PUMP MODEL	H.P./K.W.	No.OF STAGES	PIPE SIZE mm	DISCHARGE IN LPM	12	18	24	30	36	42	48	54	60			
						TOTAL HEAD IN MTRS									10	15	20
1	VR40/45	3.0/2.2	45	40	TOTAL HEAD IN MTRS	220	210	190	175	151	124	85	40	11			
2	VR41/30	3.0/2.2	30	40		167	163	154	146	137	126	111	86	73			
3	VR41/33	3.0/2.2	33	40		183	179	170	160	151	141	126	94	80			
4	VR41/40	4.0/3.0	40	40		223	217	206	194	183	171	148	114	97			
5	VR41/44	4.0/3.0	44	40		245	239	226	214	201	189	163	126	107			
					DISCHARGE IN LPM	10	15	20	25	30	35	40	45	50			
6	VR42H/42	3.0/2.2	42	40	TOTAL HEAD IN MTRS	290	276	258	234	210	180	156	126	96			
					DISCHARGE IN LPM	20	30	40	50	60	70	80	90	100			
7	VR42H3/24	3.0/2.2	24	40	TOTAL HEAD IN MTRS	168	156	144	132	105	81	63	33	18			
8	V42H3/32	4.0/3.0	32	40		224	208	192	176	140	108	84	44	24			
9	VR42H3/40	5.0/3.7	40	40		280	260	240	220	175	135	105	55	30			
10	VR42H3/48	6.0/4.5	48	40		336	318	282	264	210	162	126	66	36			
11	VR43/22	3.0/2.2	22	40		125	122	116	109	95	81	66	50	21			
12	VR43/25	3.0/2.2	25	40		142	139	132	123	109	92	75	57	23			
13	VR43/30	3.0/2.2	30	40		170	166	158	148	130	110	90	68	28			
14	VR43/40	4.0/3.0	40	40		227	222	211	197	174	147	120	92	37			
					DISCHARGE IN LPM	40	60	80	100	120	140	160	180	200			
15	VR44/24	3.0/2.2	24	40	TOTAL HEAD IN MTRS	134	126	110	88	70	38	26					
16	VR44/32	4.0/3.0	32	40		179	168	147	118	94	51	35					
17	VR44/40	5.0/3.7	40	40		224	210	184	147	117	64	43					
18	VR44/45	6.0/4.5	45	40		252	236	207	165	130	72	49					
19	VR45/12	3.0/2.2	12	40		71	66	60	56	46	37	28	16	7			
20	VR45/15	3.0/2.2	15	40		89	82	76	70	58	47	34	20	8			
21	VR45/19	4.0/3.0	19	40		113	104	96	88	73	59	43	25	10			
22	VR45/22	5.0/3.7	22	40		131	121	112	102	85	69	50	29	12			
23	VR45/25	5.0/3.7	25	40		149	137	127	116	97	78	57	33	14			
24	VR 45/30	6.0/4.5	30	40		179	164	152	139	116	94	68	40	17			
25	VR47/12	3.0/2.2	12	50		71	68	63	60	56	48	44	35	27			
26	VR47/18	4.0/3.0	18	50		106	102	95	90	84	72	66	52	41			
27	VR47/24	5.0/3.7	24	50	141	135	126	120	111	96	87	69	54				
28	VR 47/28	6.0/4.5	28	50	164	157	147	140	130	112	101	80	63				
					DISCHARGE IN LPM	60	90	120	150	180	210	270	300	330			
29	VR49/9	3.0/2.2	9	50	TOTAL HEAD IN MTRS	45	42	41	36	34	33	27	23	22			
30	VR49/12	4.0/3.0	12	50		60	56	55	48	45	44	36	31	30			
31	VR49/14	5.0/3.7	14	50		70	66	64	56	53	51	42	36	35			
32	VR 49/17	6.0/4.5	17	50		85	80	77	68	64	62	51	43	42			
33	VR 49MG/9	3.0/2.2	9	50		39	37	36	33	31	26	19	17	11			
34	VR 49MG/12	4.0/3.0	12	50		52	50	48	44	41	35	26	22	15			
35	VR 49MG/15	5.0/3.7	15	50		61	58	56	51	48	41	30	26	17			
36	VR 49MG/18	6.0/4.5	18	50		74	70	68	62	58	50	36	32	21			

NOTE : THE ABOVE CHART CONTAINS COMMON MOVING MODELS. WE CAN ALSO SUPPLY PUMPS WITH VARIOUS STAGE COMBINATIONS