



### 4" Borewell Submersible Pumpsets - VR Series

HP Range : 3.0 - 7.5 hp  
Discharge : 330 - 10 lpm  
Head Range : 7 - 508 Mts  
Category : Cat 'B'  
Speed : 2880 rpm

PERFORMANCE OF "MAHENDRA" VR SERIES WATER COOLED SUBMERSIBLE PUMPSETS  
SUITABLE FOR 4" (100mm) BOREWELL AT 2880 RPM WITH 220 VOLTS SINGLE PHASE  
(3 HP ONLY) (OR) 415 VOLTS THREE PHASE, AC, 50 HZ SUPPLY

S.No.	PUMP MODEL	HP/KW	No. Of STAGES	DELI.SIZE (mm)	DISCHARGE IN LPM	TOTAL HEAD IN METRES												
						20	30	40	50	60	70	80	90	100				
9	VR 42H3/24	3.0/2.2	24	40	TOTAL HEAD IN METRES	168	156	144	132	105	81	63	33	18				
10	VR 42H3/32	4.0/3.0	32	40		224	208	192	176	140	108	84	44	24				
11	VR 42H3/40	5.0/3.7	40	40		280	260	240	220	175	135	105	55	30				
12	VR 42H3/48	6.0/4.5	48	40		336	318	282	264	210	162	126	66	36				
13	VR 43/25	3.0/2.2	25	40		142	139	132	123	109	92	75	57	23				
14	VR 43/30	3.0/2.2	30	40	170	166	158	148	130	110	90	68	28					
					DISCHARGE IN LPM	40	60	80	100	120	140	160	180	200				
15	VR 44/24	3.0/2.2	24	40	TOTAL HEAD IN METRES	134	126	110	88	70	38	26						
16	VR 44/32	4.0/3.0	32	40		179	168	147	118	94	51	35						
17	VR 44/37	5.0/3.7	37	40		207	194	170	136	109	59	40						
18	VR 44/45	6.0/4.5	45	40		252	236	207	166	132	72	49						
19	VR 44/54	7.5/5.5	54	40		302	284	248	199	159	86	58						
20	VR 45/12	3.0/2.2	12	40	TOTAL HEAD IN METRES	71	66	60	56	46	37	28	16	7				
21	VR 45/15	3.0/2.2	15	40		89	82	76	70	58	47	34	20	8				
22	VR 45/19	4.0/3.0	19	40		113	104	96	88	73	59	43	25	10				
23	VR 45/22	5.0/3.7	22	40		131	121	112	102	85	69	50	29	12				
24	VR 45/25	5.0/3.7	25	40		149	137	127	116	97	78	57	33	14				
25	VR 45/30	6.0/4.5	30	40	179	164	152	139	116	94	68	40	17					
26	VR 45/35	7.5/5.5	35	40	209	191	177	162	135	110	79	47	20					
27	VR 47/12	3.0/2.2	12	50	TOTAL HEAD IN METRES	73	70	68	63	57	51	45	37	30				
28	VR 47/18	4.0/3.0	18	50		110	105	102	95	86	77	68	56	45				
29	VR 47/21	5.0/3.7	21	50		128	123	119	111	101	90	80	65	53				
30	VR 47/25	6.0/4.5	25	50		153	146	141	132	120	107	95	78	63				
31	VR 47/28	7.5/5.5	28	50		171	164	158	148	134	120	106	87	70				
32	VR 47/30	7.5/5.5	30	50	183	176	169	159	144	129	114	93	75					
					DISCHARGE IN LPM	60	90	120	150	180	210	270	300	330				
33	VR 49/9	3.0/2.2	9	50	TOTAL HEAD IN METRES	45	42	41	36	34	33	27	23	22				
34	VR 49/12	4.0/3.0	12	50		60	56	55	48	45	44	36	31	30				
35	VR 49/14	5.0/3.7	14	50		70	66	64	56	53	51	42	36	35				
36	VR 49/17	6.0/4.5	17	50		85	80	77	68	64	62	51	43	42				

Note: 125mm(5") Borewell motor also available in 5.0, 6.0 & 7.5 HP models.