



Vertical Openwell Submersible Pumpset - TCM Series

HP Range : 3 - 35 hp
Discharge : 2400 - 200 lpm
Head Range : 3 - 190 Mts
Category : Cat 'B'
Speed : 2880 rpm

PERFORMANCE OF "MAHENDRA" TCM SERIES VERTICAL OPENWELL RADIAL FLOW SUBMERSIBLE PUMPSET AT 2880 RPM WITH 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																		
						200	250	300	350	400	450	500	550	600	650	700	750	800	850	900				
1	TCM 0302	3.0/2.2	2	65		32	29	28	27	24	20	17	15	11	7	3								
2	TCM 0502	5.0/3.7	2	65				37	36	35	33	31	29	26	24	20	17	14	10					
3	TCM 0503	5.0/3.7	3	65		48	44	42	41	36	31	26	23	17	11	5								
4	TCM 555	5.0/3.7	3	65		50	47	45	41	37	32	28												
5	TCM 0702	7.5/5.5	2	65			48	47	46	45	44	42	40	37	33	29	23	12						
6	TCM 0703	7.5/5.5	3	65				56	54	53	50	47	44	39	36	30	26	21	15					
7	TCM 0704	7.5/5.5	4	65		60	58	55	52	50	47	44	40	36	32	26	22	16	12					
8	TCM 775	7.5/5.5	4	65		76	71	66	59	50	41	33												
9	TCM 1004	10.0/7.5	4	65		76	75	74	72	70	66	62	57	53	48	43	37	30	24	17				
10	TCM 10110	10.0/7.5	6	65		100	94	84	75	64	54	42												
11	TCM 1205	12.5/9.3	5	65		95	93	92	90	87	82	77	71	66	60	53	46	37	30	21				
12	TCM 1207	12.5/9.3	7	65		112	102	98	95	84	72	60	53	39	25	11								
13	TCM 12120	12.5/9.3	7	65		117	110	98	88	75	63	49												
14	TCM 1506	15/11	6	65				111	108	105	99	93	87	78	72	60	51	42	30					
15	TCM 1508	15/11	8	65			128	117	112	109	96	83	69	61	45	29	13							
16	TCM 2008	20/15	8	65				148	144	140	132	124	116	104	96	80	68	56	40					
17	TCM 2509	25/18.5	9	65		171	169	167	164	159	151	142	132	122	110	95	81	66	49	23				
18	TCM 2510	25/18.5	10	65		190	188	185	182	177	168	158	147	135	122	106	90	73	54	26				



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PERFORMANCE OF "MAHENDRA" TCM SERIES VERTICAL OPENWELL MIXED FLOW SUBMERSIBLE PUMPSET AT 2880 RPM WITH 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											
						400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	
19	TCM 0702M	7.5/5.5	2	100		32	31	29	25	19	12						
20	TCM 1001	10.0/7.5	1	100		22	21	20	19	18	16	15	13	10			
21	TCM 1002	10.0/7.5	2	100		35	33	30	28	21	16	12					
22	TCM 1202	12.5/9.3	2	100		43	40	36	34	31	27	24	20	15			
23	TCM 1203	12.5/9.3	3	100		48	46	44	38	28	19	14	8				
24	TCM 1204	12.5/9.3	4	100		62	58	53	47	39	30	12					
25	TCM 1502	15/11	2	100		44	41	38	36	34	30	26	21	18			
26	TCM 1503	15/11	3	100		53	50	47	43	32	24	18	9				
27	TCM 1504	15/11	4	100		64	60	58	51	37	25	19	12				
28	TCM 1505	15/11	5	100		72	68	64	55	45	35	9					
29	TCM 2002	20/15	2	100			43	40	38	36	34	32	26	24	22	20	
30	TCM 2003	20/15	3	100		65	61	57	54	50	43	38	30	25			
31	TCM 2004	20/15	4	100		70	66	63	58	42	32	24	12				
32	TCM 2005	20/15	5	100		80	75	72	64	46	31	23	13				
33	TCM 2006	20/15	6	100		102	95	87	78	64	52	37					
34	TCM 2502	25/18.5	2	100			50	48	44	42	40	37	34	30	25	23	
35	TCM 2503	25/18.5	3	100			62	58	55	51	46	44	42	34	30	21	
36	TCM 2504	25/18.5	4	100		82	80	72	68	62	54	48	40	30			
37	TCM 2505	25/18.5	5	100		87	82	79	72	53	40	30	15				
38	TCM 2506	25/18.5	6	100		104	95	89	84	48	38	28	20				
39	TCM 3003	30/22	3	100			64	60	57	54	51	48	39	36	33	30	
40	TCM 3004	30/22	4	100		87	83	76	72	68	60	52	42	36			
41	TCM 3005	30/22	5	100		105	98	90	85	78	68	60	50	38			
42	TCM 3006	30/22	6	100		110	105	95	87	63	48	36	18				
43	TCM 3503	35/26	3	100			75	72	66	63	60	56	51	45	39	35	
44	TCM 3504	35/26	4	100			93	90	88	84	80	75	68	62	57	43	
45	TCM 3505	35/26	5	100		108	107	95	90	83	73	64	52	42			
46	TCM 3506	35/26	6	100		129	120	108	102	93	81	72	60	45			