

Performance of "Mahendra" RTM series "B" class monobloc pumpsets at 2880 RPM with 415 volts, three phase, AC, 50 Hz supply

SI. No.	PUMP MODEL	HP /KW	PIPE SIZE mm	TOTAL HEAD IN METRES	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54		
					DISCHARGE IN LPM																		
1	RTM 45	2.0 / 1.5	50 x 50	DISCHARGE IN LPM	456	438	414	384	345	294	216												
2	RTM 50	3.0 / 2.2	65 x 50		786	696	600	504															
3	RTM 60	3.0 / 2.2	65 x 50		*	*	*	612	568	510	456	318											
4	RTM 65	3.0 / 2.2	75 x 65		*	*	886	834	732	594													
5	RTM 75	5.0 / 3.7	75 x 65		*	946	900	858	762	624													
6	RTM 100	5.0 / 3.7	65 x 50		*	*	*	*	636	576	534	504	384										
7	RTM 110	5.0 / 3.7	65 x 50		*	*	*	*	*	832	765	708	624	402									
8	RTM 38	5.0/3.7	100 x 75		1470	1416	1296	1080	876														
9	RTM 120	7.5 / 5.5	65 x 50		*	*	*	*	*	*	852	822	774	708	618	360							
10	RTM 130	7.5 / 5.5	75 x 65		*	*	*	1264	1180	1122	1020	894											
11	RTM 80	7.5 / 5.5	100 x 75		*	1416	1362	1302	1200														
12	RTM 180	10.0 / 7.5	65 x 50		*	*	*	*	*	*	*	*	*	*	*	*	864	852	840	804	624	450	
13	RTM 140	10.0 / 7.5	75 x 65		*	*	*	*	*	*	*	1092	1086	1080	1056	984	708						
14	RTM 90	10.0 / 7.5	100 x 75		*	*	*	1660	1524	1422	1290	1122											

* DENOTES OVER LOADING REGION

Performance of "Mahendra" monobloc pumpsets at 2880 RPM with 400 volts, AC, 50 Hz supply

SI. No.	MODEL	HP/KW	PIPE SIZE mm	TOTAL HEAD IN MTRS	6	9	12	15	18	21	24	27
					DISCHARGE IN LPM							
1	RTM 38 F2	5.0/3.7	100X75	DISCHARGE IN LPM	1470	1416	1296	1080	876			
2	RTM 50 F2	3.0/2.2	65 X 50		786	696	600	504				
3	RTM 60 F2	3.0/2.2	65 X 50		*	*	*	568	510	456	318	
4	RTM 65 F2	3.0/2.2	75 X 65		*	*	834	732	594			
5	RTM 75 F2	5.0/3.7	75 X 65		*	946	900	858	762	624		
6	RTM 100 F2	5.0/3.7	65 X 50		*	*	*	*	576	534	504	384

* DENOTES OVER LOADING REGION