

Performance of “Mahendra” MSB series monobloc pumpsets at 1440 RPM with 415 volts, three phase, AC, 50 Hz supply

Sl. No.	PUMP MODEL	HP / KW	PIPE SIZE mm	TOTAL HEAD IN METRES	6	8	10	12	15	18	21	24	27	30	33	36	39	
					DISCHARGE IN LPM													
1	MSB 23	2.0 / 1.5	50 x 50	DISCHARGE IN LPM	689	678	564	435										
2	MSB 1	2.0 / 1.5	65 x 50		774	729	654	444										
3	MSB 2	3.0 / 2.2	65 x 50		906	876	825	756	462									
4	MSB 31	3.0 / 2.2	65 x 50		*	892	856	796	520	280								
5	MSB 24	3.0 / 2.2	65 x 50		*	*	*	836	792	646								
6	MSB 3	3.0 / 2.2	75 x 65		1120	1096	984	810	360									
7	MSB 4	3.0 / 2.2	100 x 75		1432	1368	1186	840										
8	MSB 5	3.0 / 2.2	100 x 100		1512	1424	1116	720										
9	MSB 6	5.0 / 3.7	65 x 50		1080	1026	968	804										
10	MSB 25	5.0 / 3.7	65 x 50		*	*	*	936	864	702								
11	MSB 26	5.0 / 3.7	65 x 50		*	*	*	*	980	924	846	698						
12	MSB 27	5.0 / 3.7	75 x 65		1342	1298	1214	1160	810									
13	MSB 7	5.0 / 3.7	75 x 65		*	*	*	1180	972	780								
14	MSB 8	5.0 / 3.7	75 x 75		1388	1326	1268	1188	834									
15	MSB 9	5.0 / 3.7	100 x 75		1622	1562	1386	1266	1084									
16	MSB 10	5.0 / 3.7	100 x 100		2376	1980	1512											
17	MSB 28	5.0 / 3.7	125 x 100		2420	2124	1524											
18	MSB 11	7.5 / 5.5	65 x 50		*	*	*	*	*	1224	1148	1032	924	822	460			
19	MSB 12	7.5 / 5.5	75 x 65		*	*	*	1302	1284	980	722	460						
20	MSB 30	7.5 / 5.5	75 x 75		*	*	*	*	1480	1300	1024	780						
21	MSB 13	7.5 / 5.5	100 x 75		*	*	*	2076	1928	1422	990	420						
22	MSB 14	7.5 / 5.5	100 x 100		*	*	*	2162	1966	1760								
23	MSB 15	7.5 / 5.5	125 x 100		2964	2400	2124	1800										
24	MSB 16	7.5 / 5.5	125 x 125		3300	2580	1380											
25	MSB 39	7.5 / 5.5	150 x 125		3420	2700	1440											
28	MSB 40	7.5 / 5.5	150 x 150		3585	2835	1590											
27	MSB 17	10.0 / 7.5	65 x 50		*	*	*	*	*	*	1242	1104	948	912	798	680	448	
28	MSB 32	10.0 / 7.5	75 x 65		*	*	*	*	*	1480	1372	1234	964	510				
29	MSB 18	10.0 / 7.5	100 x 75		*	*	*	*	*	1962	1640	1440	1160					
30	MSB 19	10.0 / 7.5	100 x 100		*	*	*	*	*	2278	2112	1344						
31	MSB 20	10.0 / 7.5	125 x 125		3488	2960	2240	1586										
32	MSB 29	10.0 / 7.5	150 x 125		3720	3540	1680											
33	MSB 41	10.0 / 7.5	150 x 150		4050	3180	1800											

* DENOTES OVER LOADING REGION