

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

Sl. 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	57	60	63	66	
					DISCHARGE IN LPM																					
1	MHB 1	2.0 / 1.5	50 x 40	DISCHARGE IN LPM	685	620	535	252																		
2	MHB 2	2.0 / 1.5	50 x 50		715	665	480	204																		
3	MHB 30	3.0 / 2.2	50 x 40		*	*	*	496	468	386	252															
4	MHB 39	3.0/2.2	50 x 40		*	*	*	*	*	378	356	328	280	196												
5	MHB 18	3.0 / 2.2	65 x 50		*	*	*	534	414	216																
6	MHB 3	3.0 / 2.2	65 x 50		792	762	726	660	570	445	170															
7	MHB 33	3.0 / 2.2	65 x 50		*	*	*	*	*	*	*	384	336	246												
8	MHB 31	5.0 / 3.7	50 x 40		*	*	*	*	628	584	468	360														
9	MHB 19	5.0 / 3.7	65 x 50		*	*	*	*	660	612	536	420														
10	MHB 4	5.0 / 3.7	65 x 50		*	*	*	726	714	708	684	564														
11	MHB 4HH	5.0 / 3.7	65 x 50		*	*	*	*	*	*	765	726	654	504												
12	MHB 36	5.0 / 3.7	65 x 50		*	*	*	*	*	*	*	*	762	650	372											
13	MHB 32	5.0 / 3.7	65 x 65		*	*	*	746	682	546	402															
14	MHB 5	5.0 / 3.7	75 x 65		*	*	1089	972	408																	
15	MHB 20	5.0 / 3.7	75 x 65		1520	1420	1314	1180	1010	702																
16	MHB 20HH	5.0 / 3.7	75 x 65		*	*	*	*	1080	1044	936															
17	MHB 38	5.0 / 3.7	100 x 100		1608	1542	1446	1308	1110	858																
18	MHB 21	7.5 / 5.5	65 x 50		*	*	*	*	*	1120	998	890	627													
19	MHB 6	7.5 / 5.5	65 x 50		*	*	*	*	*	*	*	888	732	672	408											
20	MHB 6HH	7.5 / 5.5	65 x 50		*	*	*	*	*	*	*	*	*	744	726	690	624	474								
21	MHB 7	7.5 / 5.5	75 x 65		*	*	1400	1320	1020	870	485															
22	MHB 22	7.5 / 5.5	75 x 65		*	*	1248	1188	1128	1068	1002	924	756													
23	MHB 8	7.5 / 5.5	75 x 75		*	*	*	1324	1268	1189	968															
24	MHB 34	7.5 / 5.5	100 x 75		*	1842	1600	1468	980																	
25	MHB 23	7.5 / 5.5	100 x 75		*	*	*	1386	1140	1032	720															
28	MHB 24	10.0 / 7.5	65 x 50		*	*	*	*	*	*	*	954	920	864	780	650										
27	MHB 9	10.0 / 7.5	65 x 50		*	*	*	*	*	*	*	798	792	774	756	738	714	678	570	168						
28	MHB 10	10.0 / 7.5	75 x 65		*	*	*	*	*	*	*	1230	1210	1190	1164	1056	816									
29	MHB 11	10.0 / 7.5	75 x 75		*	*	*	*	*	1400	1332	1268	980													
30	MHB 35	10.0 / 7.5	100 x 75		*	*	1860	1742	1140																	
31	MHB 25	10.0 / 7.5	100 x 75		*	*	*	*	1596	1502	1322	980														
32	MHB 37	10.0 / 7.5	100 x 75		*	*	*	*	*	1494	1470	1434	1380	1290	1128	858										
33	MHB 12	12.5 / 9.3	65 x 50		*	*	*	*	*	*	*	*	*	*	*	*	*	*	810	804	792	774	708	576	360	
34	MHB 13	12.5 / 9.3	75 x 65		*	*	*	*	*	*	1730	1630	1520	1400	1260	980										
35	MHB 26	12.5 / 9.3	75 x 65		*	*	*	*	*	*	*	*	*	1260	1180	1060	900	640								
36	MHB 14	12.5 / 9.3	100 x 75		*	*	*	*	*	1452	1396	1248	1050													
37	MHB 27	12.5 / 9.3	100 x 75		*	*	*	*	*	*	*	1960	1680	1420	1280	1060	780									
38	MHB 15	15.0 / 11.0	65 x 50		*	*	*	*	*	*	*	*	*	*	*	*	*	870	858	846	834	810	780	684		
39	MHB 28	15.0 / 11.0	75 x 65		*	*	*	*	*	*	*	*	1270	1198	1112	1036	952									
40	MHB 16	15.0 / 11.0	75 x 65		*	*	*	*	*	*	*	*	*	*	1086	1062	1032	996	930	840	630					
41	MHB 29	15.0 / 11.0	100 x 75		*	*	*	*	*	*	*	*	1332	1308	1260	1188	1080	948	870							
42	MHB 17	15.0 / 11.0	100 x 75		*	*	*	*	*	*	1680	1674	1656	1614	1518	1356	1068									

* DENOTES OVER LOADING REGION