



Centrifugal Monobloc - MHB Series 2880 Rpm, "A" Class, Three Phase

Description MHB

HP Range : 3-10 hp
Discharge : 1842 - 168 lpm
Head Range : 6 - 54 Mts
Insulation : Class 'A'
Speed : 2880 rpm

PERFORMANCE OF "MAHENDRA" MHB SERIES MONOBLOC AT 2880 RPM WITH 415 VOLTS, THREE PHASE, AC, 50 Hz SUPPLY

S.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	
1	MHB 30	3.0 / 2.2	50 x 40	DISCHARGE IN LPM	*	*	*	496	468	386	252											
2	MHB 39	3.0 / 2.2	50 x 40		*	*	*	*	*	378	356	328	280	196								
3	MHB 3	3.0 / 2.2	65 x 50		792	762	726	660	570	445	170											
4	MHB 33	3.0 / 2.2	65 x 50		*	*	*	*	*	*	*	384	336	246								
5	MHB 31	5.0 / 3.7	50 x 40		*	*	*	*	628	584	468	360										
6	MHB 4	5.0 / 3.7	65 x 50		*	*	*	950	918	877	800	675										
7	MHB 4HH	5.0 / 3.7	65 x 50		*	*	*	*	*	*	765	726	654	504								
8	MHB 36	5.0 / 3.7	65 x 50		*	*	*	*	*	*	*	*	762	650	372							
9	MHB 20	5.0 / 3.7	75 x 65		1520	1420	1314	1180	1010	702												
10	MHB 20 HH	5.0 / 3.7	75 x 65		*	*	*	*	1080	1044	936											
11	MHB 38	5.0 / 3.7	100 x 100		1608	1542	1446	1308	1110	858												
12	MHB 21	7.5 / 5.5	65 x 50		*	*	*	*	*	1120	998	890	627									
13	MHB 6	7.5 / 5.5	65 x 50		*	*	*	*	*	*	*	*	888	732	672	408						
14	MHB 6HH	7.5 / 5.5	65 x 50		*	*	*	*	*	*	*	*	*	*	744	726	690	624	474			
15	MHB 22	7.5 / 5.5	75 x 65		*	*	1248	1188	1128	1068	1002	924	756									
16	MHB 34	7.5 / 5.5	100 x 75		*	1842	1600	1468	980													
17	MHB 23	7.5 / 5.5	100 x 75		*	*	*	1386	1140	1032	720											
18	MHB 24	10.0 / 7.5	65 x 50		*	*	*	*	*	*	*	*	954	920	864	780	650					
19	MHB 9	10.0 / 7.5	65 x 50		*	*	*	*	*	*	*	*	798	792	774	756	738	714	678	570	168	
20	MHB 10	10.0 / 7.5	75 x 65		*	*	*	*	*	*	*	*	1230	1210	1190	1164	1056	816				

* DENOTES OVER LOADING REGION



Centrifugal Monobloc - MHB & MSB Series 2880 Rpm, "A" Class, Three Phase

Description	MHB	MSB
HP Range	: 3-10 hp	2-10 hp
Discharge	: 1842 - 168 lpm	4050 - 280 lpm
Head Range	: 6 - 54 Mts	6 - 39 Mts
Insulation	: Class 'A'	Class 'A'
Speed	: 2880 rpm	1440 rpm

PERFORMANCE OF "MAHENDRA" MHB SERIES MONOBLOC AT 2880 RPM WITH 415 VOLTS, THREE PHASE, AC, 50 Hz SUPPLY

S.No.	PUMP MODEL	HP/kW	PIPE SIZE (mm)	TOTAL HEAD IN METRES	DISCHARGE IN LPM																		
					6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54		
21	MHB 11	10.0 / 7.5	75 x 75	DISCHARGE IN LPM	*	*	*	*	*	1400	1332	1268	980										
22	MHB 35	10.0 / 7.5	100 x 75		*	*	1860	1742	1140														
23	MHB 25	10.0 / 7.5	100 x 75		*	*	*	*	1596	1502	1322	980											
24	MHB 37	10.0 / 7.5	100 x 75		*	*	*	*	*	1494	1470	1434	1380	1290	1128	858							

PERFORMANCE OF "MAHENDRA" MSB SERIES MONOBLOC AT 1440 RPM WITH 415 VOLTS, THREE PHASE, AC, 50 Hz SUPPLY

S.No.	PUMP MODEL	HP/kW	PIPE SIZE (mm)	TOTAL HEAD IN METRES	DISCHARGE IN LPM															
					6	8	10	12	15	18	21	24	27	30	33	36	39			
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											

* DENOTES OVER LOADING REGION



Centrifugal Monobloc - MSB Series 2880 Rpm, "B" Class, Three Phase

Description MSB

HP Range : 2-10 hp
Discharge : 4050 - 280 lpm
Head Range : 6 - 39 Mts
Insulation : Class 'A'
Speed : 1440 rpm

PERFORMANCE OF "MAHENDRA" MSB SERIES MONOBLOC AT
1440 RPM WITH 415 VOLTS, THREE PHASE, AC, 50 Hz SUPPLY

S.No.	PUMP MODEL	HP/kW	PIPE SIZE (mm)	TOTAL HEAD IN METRES	DISCHARGE IN LPM												
					6	8	10	12	15	18	21	24	27	30	33	36	39
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										
26	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



Centrifugal Monobloc - RTM Series 2880 Rpm, "B" Class, Three Phase

Description **RTM**

HP Range : 3 - 5.0 hp
Discharge : 946 - 318 lpm
Head Range : 6 - 33 Mts
Insulation : Class 'B'
Speed : 2880 rpm



Horizontal Openwell Submersible Pumpset - OVM Series

HP Range : 3 - 20 hp
Discharge : 4000 - 120 lpm
Head Range : 2 - 56 Mts
Category : Cat 'B'
Speed : 1440 & 2880 rpm

PERFORMANCE OF "MAHENDRA" RTM SERIES "B" CLASS MONOBLOC AT 2880 RPM WITH 415 VOLTS, THREE PHASE, AC, 50 Hz SUPPLY

S.No.	PUMP MODEL	HP/kW	PIPE SIZE (mm)	TOTAL HEAD IN METRES	6	9	12	15	18	21	24	27	30	33
1	RTM 50	3.0 / 2.2	65 x 50	DISCHARGE IN LPM	786	696	600	504						
2	RTM 60	3.0 / 2.2	65 x 50		*	*	*	612	568	510	456	318		
3	RTM 65	3.0 / 2.2	75 x 65		*	*	886	834	732	594				
4	RTM 75	5.0 / 3.7	75 x 65		*	946	900	858	762	624				
5	RTM 100	5.0 / 3.7	65 x 50		*	*	*	*	636	576	534	504	384	
6	RTM 110	5.0 / 3.7	65 x 50		*	*	*	*	*	832	765	708	624	402

PERFORMANCE OF "MAHENDRA" OVM SERIES HORIZONTAL OPENWELL SUBMERSIBLE PUMPSETS AT 2880 RPM WITH 415 VOLTS, THREE PHASE, AC, 50 Hz SUPPLY

S.No.	PUMP MODEL	HP/kW	DELI. SIZE (mm)	TOTAL HEAD IN METRES	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
1	OVM 12	3.0 / 2.2	50	DISCHARGE IN LPM	820	800	780	740	640	620	530	500	400	300	120											
2	OVM 3HH	3.0 / 2.2	50		*	*	*	*	*	*	*	420	405	390	360	335	300	260	205	120						
3	OVM 30	3.0 / 2.2	65		1140	1032	960	906	810	720	552															
4	OVM 31	3.0 / 2.2	75		1248	1164	1086	882	732	534																
5	OVM 14	5.0 / 3.7	50		1100	1090	1080	1040	990	930	910	890	840	820	730	630	490									
6	OVM 24	5.0 / 3.7	50		*	*	*	*	*	690	678	675	665	653	640	630	620	610	575	544	515	485	454	354		
7	OVM 4HH	5.0 / 3.7	50		*	*	*	*	*	*	*	*	*	*	475	465	445	425	410	380	353	330	280	230	195	150
8	OVM 20	5.0 / 3.7	65		1500	1464	1416	1338	1242	1146	1020	876	732	504												
9	OVM 5	5.0 / 3.7	75		1608	1488	1344	1236	1128	1014	876	732	486													
10	OVM 38	6.5 / 4.8	50		*	1002	984	960	930	870	834	798	756	714	678	624	558	480	396	270						

* DENOTES OVER LOADING REGION