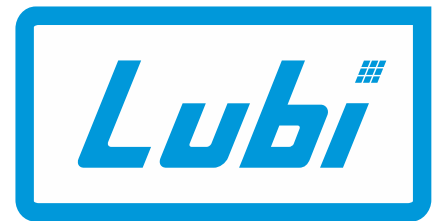


MDH SERIES

Centrifugal Monoblock Pumpset

IS : 9079



PUMPS



* Selected Models Only



Pumping Solution

Salient Features

- + The laminations are non-oriented silicon steel & confirms to IS-648.
- + Volute, Impeller, Adaptor, Stator body, Endshield is made of close grained cast iron of high tensile strength and has a very smooth surface finish resulting in low friction losses.
- + Motor windings are vacuum impregnated with synthetic varnish for better moisture resistance.
- + Superior mechanical shaft seal for longer life and effective sealing against water leakage.
- + The electric rotor is pressure die cast & uses electric grade aluminium.
- + Grease Lubricated anti-friction ball bearings are fitted at both ends to withstand radial and axial loads.
- + Better insulating materials are used so that pumpset can withstand high temperature rise.

- + All components are manufactured from materials as per standard specification.
- + They are precisely machined on modern machine tools to give you years of reliable operation.

Applications

- + Residential Bungalows
- + Community Water Supply
- + Construction Site
- + Apartment
- + Small Farms
- + Lawns & Gardens
- + Car Washing
- + Sprinklers
- + Hotels & Hospitals

Performance Table

'B' Class Insulation, 50 Hz., 230 V (±10%) for Single Phase, 2880 RPM

Model	K.W.	H.P.	Size SuccDel mm	Head in Metres																			
				4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
				Discharge in L.P.M.																			
MDH-12*	0.37	0.5	25 x 25			110	105	100	90	80	45	⁰ (19 Mtr)											
MDH-12 SV	0.37	0.5	25 x 25			110	105	100	90	80	45	⁰ (19 Mtr)											
MDH-12H	0.37	0.5	25 x 25				125	120	117	115	98	80	70	⁰ (26 Mtr)									
MDH-12D	0.37	0.5	32 x 25					152	140	130	125	120	80	⁰ (23 Mtr)									
MDH-28	0.37	0.5	40 x 40		245	210	220	120	⁰ (13 Mtr)														
MDH-28H	0.37	0.5	40 x 40		270	240	200	160	90	⁰ (15 Mtr)													
MDH-28HL	0.37	0.5	40 x 40				300	200	100	⁰ (15 Mtr)													
MDH 30	0.37	0.5	50 X 50	285	235	155	⁰ (11 Mtr)																
MDH 12M	0.55	0.75	25 X 25				125	122	118	115	98	82	75	28	⁰ (26 Mtr)								
MDH-14*	0.75	1.0	32 x 25							159	156	153	150	140	113	85	60						
MDH-14H*	0.75	1.0	25 x 25							159	156	153	150	120	105	80	60	25	⁰ (33 Mtr)				
MDH-13*	0.75	1.0	40 x 40				335	320	280	250	200	150	⁰ (21 Mtr)										
MDH 13L	0.75	1.0	40 X 40	285	265	250	215	185	150	115	75	⁰ (19 Mtr)											
MDH-18*	0.75	1.0	50 x 40		400	380	320	240	120	⁰ (16 Mtr)													
MDH 18L	0.75	1.0	50 X 40	403	360	335	270	212	50	⁰ (17 Mtr)													
MDH-17*	0.75	1.0	50 x 50		490	440	440	350	180	⁰ (15 Mtr)													
MDH-17L	0.75	1.0	50 x 50	420	365	300	235	140	⁰ (17 Mtr)														
MDH 40L	0.75	1.0	65 X 50		450	345	270	⁰ (13 Mtr)															
MDH-44	0.75	1.0	75 x 75	750	630	540	290	⁰ (11 Mtr)															
MDH-15B*	1.10	1.5	50 x 40				365	330	300	285	250	195	150	⁰ (23 Mtr)									
MDH-19*	1.10	1.5	40 x 40					240	230	220	210	200	185	170	150	130	⁰ (29 Mtr)						
MDH 20B	1.10	1.5	50 X 50		450	293	240	160	75	⁰ (17 Mtr)													
MDH-33*	1.10	1.5	65 x 50			550	500	460	420	310	⁰ (17 Mtr)												
MDH 34	1.10	1.5	25 X 25									124	123	122	113	104	90	72	45	18	⁰ (38 Mtr)		
MDH-39	1.10	1.5	75 x 75	820	750	650	550	350	⁰ (13 Mtr)														
MDH 316	1.50	2.0	50 X 50		500	465	430	390	360	310	250	215	⁰ (23 Mtr)										
MDH-35	1.50	2.0	25 x 25									124	123	122	120	116	114	102	90	70	46	20	⁰ (42 Mtr)
MDH-22*	1.50	2.0	40 x 40						250	245	240	235	230	220	200	180	130	75	⁰ (34 Mtr)				
MDH-23*	1.50	2.0	50 x 40			355	350	343	340	335	320	310	280	250	200	120	⁰ (29 Mtr)						
MDH-54	1.50	2.0	50 x 40							455	425	365	340	325	285	250	175	⁰ (33 Mtr)					
MDH-16H	1.50	2.0	50 x 50				500	450	400	340	280	180	⁰ (21 Mtr)										
MDH-24*	1.50	2.0	65 x 50				550	520	510	470	400	275	⁰ (21 Mtr)										
MDH-24H	1.50	2.0	65 x 50				350	345	340	330	315	290	250	170	⁰ (25 Mtr)								
MDH-21C*	1.50	2.0	75 x 65		880	800	740	650	500	⁰ (15 Mtr)													
MDH-21*	1.50	2.0	75 x 75	960	870	780	660	480	⁰ (14 Mtr)														
MDH-21E	1.50	2.0	75 x 75	900	810	700	550	360	⁰ (13 Mtr)														
MDH-51	1.50	2.0	100x100	1120	960	800	600	400	⁰ (14 Mtr)														
MDH-52	1.50	2.0	75 x 75	1030	1000	930	835	690	540	380	⁰ (17 Mtr)												
MDH-246	2.20	3.0	75 x 75	1035	1010	960	840	700	550	400	⁰ (17 Mtr)												
MDH-43	2.20	3.0	75 x 75				1000	880	750	600	⁰ (18 Mtr)												
MDH-247	2.20	3.0	50 x 50					555	550	530	510	480	450	400	360	310	260	200	⁰ (33 Mtr)				
MDH-47	2.20	3.0	50 x 50					520	490	450	420	390	340	290	250	160	⁰ (30 Mtr)						
MDH-48	2.20	3.0	65 x 50						640	590	550	490	440	330	⁰ (26 Mtr)								
MDH-53	2.20	3.0	100x100			1080	1030	900	710	500	⁰ (18 Mtr)												

- Also available in 2Ø & 3Ø suitable for 415 V. ■ All pump with * are ISI Marked. ■ Kindly select pumps in the range of discharge shown in bold figure.
- All 1Ø & 2Ø are available with imported thermal Overload protector (Except MDH-17 & MDH-217).

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