MDH SERIES

Centrifugal Monoblock Pumpset

SELECTED MODELS ONLY

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IS : 9079

CM/L - 7524069

Lubi ®©

PUMPS



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Description

"LUBI" brand single phase Monoblock pumpsets are manufactured in reference to IS : 9079 and motor with reference IS : 996 & IEC 34-I, Special care and quality control measures are adopted to give efficiency and reliable operation for years. Some special features are outlined below.

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 with stand 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.

Standard Motor

- The motor is totally enclosed and fan cooled (TEFC)
- Motor with specification of IS : 996 & IEC : 34-I
- Class 'B' insulation is used.
- The stainless steel shaft is ground finished.
- The motors are of the Run capacitor design giving high starting torque.
- 2 - Pole induction motor.
- Input supply condition in single phase-230V, Three Phase 415V (50 Hz).
- Voltage Range 170V-240V (Single Phase), 300V-415V (Three Phase)

Applications

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

MDH

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

Model	K.W.	H.P.	Size SucxDel 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* / 12C / 12SV / 312	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 (24 Mtr)									
MDH-12D	0.37	0.5	32 x 25					152	140	130	125	120	80	0 (23 Mtr)									
MDH-28 / 28P / 28SV / 28SVP / 328	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 / 28HLSV	0.37	0.5	40 x 40				300	200	100	0 (15 Mtr)													
MDH-30 / 30P	0.37	0.5	50 X 50	285	235	155	0 (10 Mtr)																
MDH-12M	0.55	0.75	25 X 25				125	122	118	115	98	82	75	28	0 (26 Mtr)								
MDH-14* / 14S / 314	0.75	1.0	32 x 25							159	156	153	150	140	113	85	60	0 (32 Mtr)					
MDH-14H* /314H	0.75	1.0	25 x 25							159	156	153	150	120	105	80	60	25	0 (33 Mtr)				
MDH-13* / 213 / 313	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* / 218 / 318	0.75	1.0	50 x 40		400	380	320	240	120	0 (16 Mtr)													
MDH-18H	0.75	1.0	50 X 40				340	300	270	240	200	100	0 (21.5 Mtr)										
MDH-18L	0.75	1.0	50 X 40	403	360	335	270	212	50	0 (16 Mtr)													
MDH-17K / 17KP	0.75	1.0	50 x 50			320	260	175	0 (13.4 Mtr)														
MDH-17* / 17S / 17P / 217 / 317	0.75	1.0	50 x 50		490	440	440	350	180	0 (15 Mtr)													
MDH-17L / 17LV	0.75	1.0	50 x 50	420	365	300	235	140	0 (14 Mtr)														
MDH-40L / 40	0.75	1.0	65 X 50		450	345	270	0 (12 Mtr)															
MDH-44 / 44P / 244	0.75	1.0	75 x 75	750	630	540	290	0 (11 Mtr)															
MDH-15B* / 15BS / 215 / 315	1.10	1.5	50 x 40				365	330	300	285	250	195	150	0 (23 Mtr)									
MDH-19* / 319	1.10	1.5	40 x 40					240	230	220	210	200	185	170	150	130	0 (29 Mtr)						
MDH-20B / 20S / 20 / 220 / 320	1.10	1.5	50 X 50		450	293	240	160	75	0 (16 Mtr)													
MDH-220H	1.10	1.5	50 X 50				480	450	400	325	225	0 (19.3 Mtr)											
MDH-33* /33L / 233 / 303	1.10	1.5	65 x 50			550	500	460	420	310	0 (17 Mtr)												
MDH-34 / 334	1.10	1.5	25 X 25									124	123	122	113	104	90	72	45	18	0 (38 Mtr)		
MDH-39 / 39L / 339	1.10	1.5	75 x 75	820	750	650	550	350	0 (13 Mtr)														
MDH-106 / 316	1.50	2.0	50 X 50		500	465	430	390	360	310	250	215	0 (22 Mtr)										
MDH-35 / 335	1.50	2.0	25 x 25									124	123	122	120	116	114	102	90	70	46	20	0 (42 Mtr)
MDH-22* / 322	1.50	2.0	40 x 40						250	245	240	235	230	220	200	180	130	75	0 (34 Mtr)				
MDH-23* / 223 / 323	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-56	1.50	2.0	50 x 40				435	430	420	410	400	390	370	340	300	225	100	0 (31.5 Mtr)					
MDH-16H / 106H / 216H / 316H	1.50	2.0	50 x 50				500	450	400	340	280	180	0 (21 Mtr)										
MDH-24* / 204 / 324	1.50	2.0	65 x 50				550	520	510	470	400	275	0 (21 Mtr)										
MDH-24H / 204H	1.50	2.0	65 x 50				350	345	340	330	315	290	250	170	0 (25 Mtr)								
MDH-24L	1.50	2.0	65 x 50						550	480	380	230	0 (21.8 Mtr)										
MDH-55	1.50	2.0	75 x 75	840	800	700	625	375	0 (14 Mtr)														
MDH-21C* / 201C / 201CP / 221C	1.50	2.0	75 x 65		880	800	740	650	500	0 (15 Mtr)													
MDH-21L	1.50	2.0	75 x 75	870	800	740	650	490	0 (13.2 Mtr)														
MDH-21* / 21S / 201 / 201P / 321	1.50	2.0	75 x 75	960	870	780	660	480	0 (14 Mtr)														
MDH-21E / 221E	1.50	2.0	75 x 75	900	810	700	550	360	0 (13 Mtr)														
MDH-21H / 201H	1.50	2.0	75 x 75			970	860	700	560	200	0 (17 Mtr)												
MDH-201B	1.50	2.0	75 x 75				1000	880	700	580	200	0 (18.4 Mtr)											
MDH-51 / 501	1.50	2.0	100x100	1120	960	800	600	400	0 (14 Mtr)														
MDH-52 / 502	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-242	2.20	3.0	75 x 75		880	840	800	750	650	580	400	0 (19.5 Mtr)											
MDH-43 / 243 / 343 / 403	2.20	3.0	75 x 75				1000	880	750	600	0 (18 Mtr)												
MDH-245	2.20	3.0	50 x 40							500	485	470	430	390	360	325	275	0 (32 Mtr)					
MDH-47 / 247	2.20	3.0	50 x 50									470	450	425	375	325	250	140	0 (33 Mtr)				
MDH-48 / 248	2.20	3.0	65 x 50						500	470	410	330	250	0 (23.5 Mtr)									
MDH-53 / 253 / 353 / 503	2.20	3.0	100x100			1080	1030	900	710	500	0 (18 Mtr)												

Note :

- Also available in 2Ø & 3Ø suitable for 415 V.
- All 1Ø & 2Ø are available with imported thermal Overload protector (Except 3HP Models).
- All pump with * are ISI Marked.
- 3 Star Model : MDH-12SV, MDH-20S, MDH-21S, MDH-15BS
- 5 Star Models : MDH-17S
- SV- Standard Voltage, H- High Head, L- Low Voltage, E- Economical, P- Pulley

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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.

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