



## 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
- Apartment
- Small Farms
- Lawns & Gardens
- Car Washing
- Sprinklers
- Hotels & Hospitals

# Centrifugal Monoblock Pumpset

Single Phase

**Agriculture**  
S.E.R.I.E.S.

## '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	44	46
				Discharge in L.P.M.																					
MDH-12*	0.37	0.5	25 x 25			110	105	100	90	80	45														
MDH-12H	0.37	0.5	25 x 25				125	120	117	115	98	80	70												
MDH-12D	0.37	0.5	32 x 25					152	140	130	125	120	80												
MDH-28	0.37	0.5	40 x 40		245	210	220	120																	
MDH-28H	0.37	0.5	40 x 40		270	240	200	160	90																
MDH-28HL	0.37	0.5	40 x 40			290	250	170	60																
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							
MDH-14S	0.75	1.0	25 x 25								100	95	85	80	70	60	50	35							
MDH-13*	0.75	1.0	40 x 40				310	320	280	250	200	150													
MDH-18*	0.75	1.0	50 x 40		400	380	320	240	120																
MDH-17	0.75	1.0	50 x 50		490	440	440	350	180																
MDH-44	0.75	1.0	75 x 75	720	650	550	450																		
MDH-34	1.10	1.5	25 x 25						140	135	135	135	135	135	132	132	131	130	120	60	40	15			
MDH-19*	1.10	1.5	40 x 40			260	250	240	230	220	210	200	185	170	150	130									
MDH-33*	1.10	1.5	65 x 50			550	500	460	420	310															
MDH-39	1.10	1.5	75 x 75	820	750	650	550	350																	
MDH-35	1.50	2.0	25 x 25											135	132	130	126	120	118	115	110	105	100	80	30
MDH-22*	1.50	2.0	40 x 40		260	258	257	255	250	245	240	235	230	220	200	180	130	75							
MDH-23*	1.50	2.0	50 x 40			355	350	343	340	335	320	310	280	250	200	120									
MDH-16H	1.50	2.0	50 x 50				500	450	400	340	280	180													
MDH-24*	1.50	2.0	65 x 50				550	520	510	470	400	275													
MDH-24H	1.50	2.0	65 x 50		362	358	350	345	340	330	315	290	250	170											
MDH-21C	1.50	2.0	75 x 65		880	800	740	650	500																
MDH-21	1.50	2.0	75 x 75	960	870	780	660	480																	
MDH-21E	1.50	2.0	75 x 75	900	810	700	550	360																	
MDH-49	1.50	2.0	100 x 100	1340	1120	920	650	300																	
MDH-42	2.20	3.0	75 x 65	880	840	775	730	650	580	500															
MDH-47	2.20	3.0	50 x 50					520	500	490	450	425	390	350	320	245	220	125							
MDH-48	2.20	3.0	65 x 50					550	500	450	400	300	250												

**Note :**

- Also available in 2Ø & 3Ø suitable for 415 V.
- All 1Ø & 2Ø are available with imported thermal Overload protector (Except MDH-17 & MDH-217).
- All pump with \* are ISI Marked.