



Description

■ **LBH**

Lubi 2880 RPM Centrifugal Monoblock pumpsets are manufactured as per IS : 9079 with strict quality control for years of efficient and reliable operation.

Salient Features

- Monoblock are designed to withstand voltage drops to 320 volts.
- Better insulating materials are used so that monoblock can withstand high temperature rise.
- High operating efficiencies of the monoblock result into greater water discharge rate and lower power bills.
- The "back pullout" facility enables the monoblock to be serviced without disturbing the pipe work.
- 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.
- All Monoblock windings are vacuum impregnated with synthetic varnish for better moisture resistance.
- All rotating components and assemblies are dynamically balanced to ensure long bearing life and vibration free smooth operation
- All monoblock are fully tested as per the specification prior to despatch.

Material of Construction

Pump Casing	: It is made of close grained cast iron of high tensile strength and has a very smooth surface finish for low friction losses.
Impeller	: It is enclosed and is made of close grained cast iron with a very smooth surface finish for high efficiency.
Stuffing Box	: It is water lubricated and is sufficiently deep. It is Packed with graphite Packings. (For LBH & LBL Series)
Mechanical Seal	: Superior Mechanical Shaft Seal for longer life & effective sealing against water leakage. (For LBI Series)
Flanges	: Companion Flanges are provided for connecting the suction and delivery pipes.
Stator Frame	: It is made of close grained cast iron and has adequate numbers of cooling fins to keep the stator temperature rise within limits.
Stator	: Vacuum Impregnated with polyester base copper wire and insulation.
Rotor	: Rotor is aluminium die-casted. Rotor shaft is made of carbon steel and is of adequate size to transmit power to the impeller. It is provided with a replacable bronze shaft sleeve to protect the shaft from wear.
Fan	: It is made of Cast Iron and is designed to give a good air flow over the stator frame.
Bearings	: They are grease lubricated and of ample size to withstand radial and axial thrust loads.
Terminal Box	: It is of ample size to facilitate easy wiring.

Applications

- Irrigation of Fields / Farms
- Community water supply
- Industries
- Housing complexes
- Fire Fighting system

LBH Series - 2880 RPM

"A" Class Insulation, 50Hz, 415V (-15% & +6%), Three Phase

Pump Type	H.P.	Size in mm	Head in Metres																							
			8	10	12	14	16	18	20	22	24	26	28	30	32	36	40	42	44	48	50	54	58	62		
			Discharge in L.P.M.																							
LBH-1A	2.00	50 x 50		470	465	460	450	400	300																	
LMH-30	3.00	65 x 50	800	750	630	570	500	400																		
LBH-33 *	3.00	50 x 38					430	420	400	370	320	270														
LBH-2	3.00	65 x 50					680	660	600	520	360															
LBH-2H	3.00	65 x 50					770	750	700	630	575	450														
LBH-1	3.00	65 x 50		650	630	600	530	450	400	330																
LBH-2A *	3.00	65 x 65		800	760	700	600	500																		
LBH-3	3.00	80 x 65		920	880	800	720	600	480	330																
LBH-36	5.00	50 x 38														370	360	340	300	260	230	200				
LBH-46H	5.00	65 x 50														650	620	610	600	500	450	360				
LBH-46	5.00	65 x 50										570	560	550	540	500	370									
LBH-6	5.00	65 x 50							830	820	780	680	600													
LBH-4 *	5.00	65 x 50					900	830	770	700	560															
LBH-4A *	5.00	65 x 65					970	900	820	760	630															
LBH-5H	5.00	80 x 65					1040	1020	980	900	680															
LBH-5	5.00	80 x 65					1010	980	850	680	580															
LBH-5A	5.00	80 x 80			790	780	770	750	700	650																
LBH-6B	5.00	100 x 80		1400	1350	1260	940	800	650																	
LBH-37	7.50	50 x 38															395	390	386	385	380	378	375	360		
LBH-37A	7.50	65 x 50														700	690	670	660	570	520					
LBH-37H	7.50	65 x 50															820	818	815	810	805	760	720	500		
LBH-48	7.50	65 x 50															800	780	750	700	500					
LBH-48H	7.50	65 x 50															800	800	760	720	660	636				
LBH-8	7.50	65 x 65															940	830	760	680	560					
LBH-9H	7.50	80 x 65															1130	1100	1080	1070	1020	900				
LBH-9	7.50	80 x 65															1200	1150	1120	950	750					
LBH-9A	7.50	80 x 80						1460	1440	1400	1310	1200	1130	1060	950	600										
LBH-10	7.50	100 x 80			1660	1630	1560	1440	1300	1200	1050															

- Note :**
- H-High head model.
 - All pumps with * are ISI marked.
 - Please select pumps in the range of discharge shown in bold figure.

"A" Class Insulation, 50Hz, 415V (-15% & +6%) Three Phase, 2880 RPM

Pump Type	H.P.	Size in mm	Head in Metres																			
			16	18	20	22	24	26	28	30	32	36	40	42	44	48	50	54	58	62	66	70
			Discharge in L.P.M.																			
LBH-41A	10.00	65 x 50														810	805	800	790	750	700	570
LBH-41AH	10.00	65 x 50															700	660	600	550	520	
LBH-14H	10.00	65 x 50											1030	1020	960	880	730					
LBH-14HS	10.00	65 x 50											830	825	825	810	700	630				
LBH-14	10.00	65 x 50											840	840	820	810	800	790	600			
LBH-17 *	10.00	65 x 50											1050	980	900	830	600					
LBH-11H	10.00	80 x 65							1420	1410	1390	1260	1060	900	720							
LBH-11HL	10.00	80 x 65					1505	1495	1480	1460	1450	1360	1050									
LBH-11	10.00	80 x 65					1150	1140	1120	1100	1060	950	700									
LBH-15	10.00	80 x 80				1315	1310	1300	1290	1260	1200	1060										
LBH-12H	10.00	100 x 80				1540	1520	1480	1400	1360	1300	1080										
LBH-12HL	10.00	100 x 80			1800	1700	1500	1300	1200	1120												
LBH-12	10.00	100 x 80	1510	1470	1400	1300	1200	1100	900													

Pump Type	H.P.	Size in mm	Head in Metres																			
			26	28	32	36	40	42	44	48	50	54	58	62	66	70	74	78	82	86	90	
			Discharge in L.P.M.																			
LBH-49H	12.50	65 x 50									790	785	780	770	750	690	500					
LBH-18H	12.50	65 x 50							960	960	960	920	760									
LBH-20H	12.50	80 x 65				1510	1440	1380	1270													
LBH-20A	12.50	80 x 80		1470	1440	1390	1200	1090	920													
LBH-22H	12.50	100 x 80	1850	1800	1700	1600	1450															
LBH-21A	12.50	100 x 100	1760	1680	1500	1220																
LBH-47	15.00	65 x 50																425	415	405	400	360
LBH-24 *	15.00	65 x 50								970	965	960	940	850	750							
LBH-24H	15.00	65 x 50									970	970	960	935	900	720						
LBH-25	15.00	80 x 65				1600	1500	1400	1310	1100	950											
LBH-29	15.00	100 x 80			2100	2000	1780	1650	1500	1100												
LBH-29A	15.00	100 x 100			2350	2180	1680	1400														
LBH-40	20.00	65 x 50											1340	1290	1170	1050	870	630	430			
LBH-32	20.00	80 x 65						1710	1700	1680	1660	1560	1405	1150								
LBH-31	20.00	100 x 80				2170	2100	2000	1900	1640	1500											
LBH-30	20.00	100 x 100			2300	2220	2050	1850	1700													
LBH-38A	25.00	100 x 80				2300	2100	1900	1800	1700	1420											
LBH-38B	25.00	125 x 100		2200	2150	1900	1700	1450														
LBH-43	30.00	80 x 65										1480	1470	1450	1390	1300	1070					
LBH-44	30.00	100 x 80					2150	2100	2050	1990	1900	1720										
LBH-45	30.00	125 x 100			2520	2280	1980	1740	1500													

Note :

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“B” Class Insulation, 50Hz, 415V (-15% & +6%) Three Phase, 2880 RPM

Pump Type	H.P.	Size in mm	Head in Metres													
			12	14	16	18	20	22	24	26	28	30	32	36	40	42
			Discharge in L.P.M.													
LBH-2	3.00	65 x 50					600	520	360							
LBH-1 *	3.00	65 x 50	630	600	530	450	400	330								
LBH-2A *	3.00	65 x 65	760	700	600	500										
LBH-6	5.00	65 x 50							780	680	600	500				
LBH-4 *	5.00	65 x 50			900	830	770	700	560							
LBH-4A *	5.00	65 x 65			970	900	820	760	630							
LBH-5	5.00	80 x 65	1170	1140	1070	1000	920	810	650							
LBH-5A	5.00	80 x 80		780	770	750	700	650								
LBH-8	7.50	65 x 50										940	830	760	680	560
LBH-7	7.50	65 x 65										1100	1050	980	870	
LBH-9	7.50	80 x 65					990	900	780	630						
LBH-11	10.0	80 x 65									1050	1020	970	880	550	

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.