

LBM SERIES

Self Priming Mud Pumps 50 Hz



SALIENT FEATURES

- Voltage Range from : 180V to 240V - for single phase and 300V to 440V - for three phase.
- Quick automatic self priming action.
- Repairs possible without disturbing the pipe connections.
- Non-clogging impeller to handle suspended solids.
- Portable when fitted on trolley/trailer.
- No need for foot valve.
- Perfect alignment due to monobloc construction.
- Efficiency at par with internationally available pumps.
- Models in 3 phase A. C. power supply are also available with IP-55 protection on request.
- Class of insulation 'F'
- Solid partial handling size from 7 mm to 15 mm.
- 1 HP Model available with Mechanical seal & other are with gland packing.

CONSTRUCTION

Standard Supply :

- Impeller : Cast Iron
- Delivery Casing : Cast Iron
- Motor Body : Cast Iron
- Shaft : Carbon Steel
- Shaft Sleeve : Bronze / S.S. 410

Optional Supply :

- Impeller : Bronze
- Shaft : Stainless Steel
- Shaft Sleeve : Chrome Steel

STANDARD FEATURES

- Withstand wide voltage fluctuations.
- Long life : due to replaceable wearing parts.
- Dynamically balanced rotating parts.
- Easy maintenance and spares availability.
- Designed for automatic air release during priming.
- Grease lubricated deep groove ball bearings.
- Models are with IP-44 protection.

RANGE

- Head : Up to 24 meters
- Capacity : Up to 870 Litres per Minute
- Power Rating : 0.75 kW to 3.7 kW (1.0 HP to 5.0 HP)

APPLICATIONS

- Where self priming action is required.
- Marine - Pumping water from docks, ports, vessels.
- Industrial - Pumping petroleum products, chemical effluents, Sewage, ash-water etc.
- Civil construction - Dewatering foundations, trenches and pits.
- Mobile Machinery - Cooling water for marine engines and shovels.
- Public utilities - Sewage pumping.

PERFORMANCE

Models			H.P.	kW	Suc. x Del. Size in mm	RPM	Solid Passage in mm	Head in Metres									
1-Phase	3-Phase	Bare Pump						6	8	10	12	14	16	18	20	22	24
-	LBM-305	-	0.5	0.37	40 x 40	2880	7		144	108	72						
LBM-110	LBM-310	LBM-10	1.0	0.75	40 x 40	2880	7	264	240	198	138	60					
LBM-115	-	-	1.5	1.10	50 x 50	2880	7			340	300	250	210	140			
-	LBM-320	LBM-20	2.0	1.50	40 x 40	2880	10			348	306	252	186	90			
LBM-130	LBM-330	LBM-30	3.0	2.20	50 x 50	2880	10			470	410	400	380	348	250	160	120
-	LBM-355	LBM-55	5.0	3.70	80 x 80	1440	15			870	750	570	300				

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



ISO 9001

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