



Submersible Portable Dewatering Pump

LB-1500

New LB model

Fits in an 8inch (200mm)

pipe !

LB-1500 is designed portable and to be suitable for well dewatering. Its diameter is 187mm as well as the conventional LB-series, and it can be installed in an 8inch (200mm) pipe. The pump has a built-in starting capacitor, and no special starter is required. The simple structure makes it easy to disassemble and reassemble which saves the time and cost for the maintenance.



Slim Body
 $\phi 187\text{mm}$

2-pole
1.5kW

Light Weight
Portable



Application

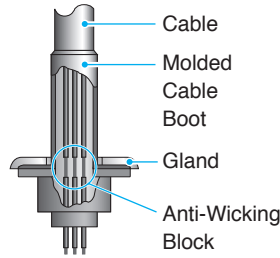
- Well Dewatering
- Dewatering from a detention pond
- Draining storm water and puddle
- Draining seeping water in a cofferdam
- Draining ground water and sand carrying water at a construction site

LB-1500

Features

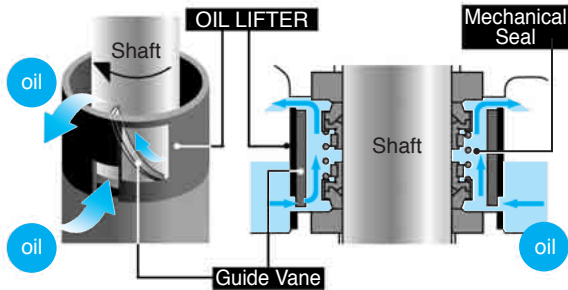
Anti-wicking Block

Gaps between lead cores are sealed to prevent ingress of water into the motor caused by water traveling along lead cores by capillary action.



OIL LIFTER (patent pending)

The OIL LIFTER mechanism functions to supply oil to the top seal faces even if the lubricant in the oil chamber falls below the rated value, and to stably lubricate and cool the seal faces. This unique mechanism helps extend the service life of the mechanical seal.



Dual Inside Mechanical Shaft Seal

A double-face mechanical seal is located in an oil chamber and is lubricated and cooled by the oil. Unlike systems in which a mechanical seal is installed in the pump casing, the seal does not rely on lubrication by the pumped media. This eliminates premature wear or corrosion of the seal caused by lubrication of pumped media.



Major Standard Specifications

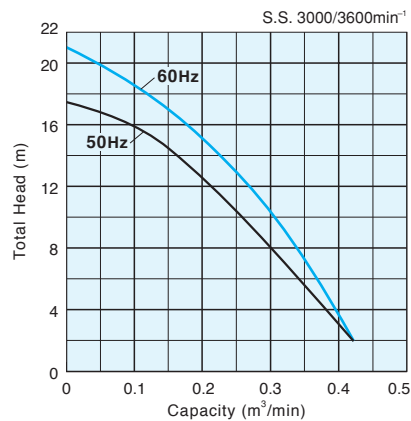
Discharge Bore		mm	50(80)	
Motor Output		kW	1.5	
Pumping Liquid	Type of Liquid	Rain, Spring, Ground, Sand Carrying Water		
	Liquid Temperature	0 to 40°C		
Pump	Parts	Impeller	Semi-Open	
		Shaft Seal	Double Mechanical Seal (with Oil Lifter)	
		Bearing	Double-Shielded Ball Bearing	
	Materials	Impeller	Chromium Iron Casting	
		Casing	Rubber	
		Shaft Seal	SiC	
Motor	Type, Pole	Dry Type Submersible Induction Motor, 2-Pole		
	Class of Insulation	Class B		
	Phase/Voltage *	Single-phase/ 110V, 200V, 220V, 230V, 240V		
	Motor Protector (Built-in)	Circle Thermal Protector		
	Lubricant	Turbine Oil (ISO VG32)		
	Materials	Frame	Aluminium Die Casting	
		Shaft	Stainless Steel 403	
Cable		PVC Sheath		

* Three-phase model available upon request

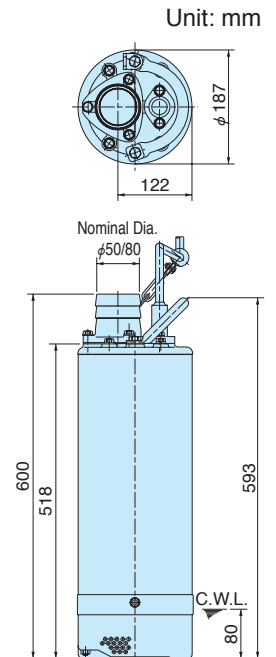
Standard Accessories

- Cabtyre cable1pc
- Hose coupling1pc
- Hose band1pc

Performance Curves



Dimensions



C.W.L. : Continuous Running Water Level

Standard Specifications 50/60Hz

Discharge Bore mm	Motor Output kW	Speed (S.S.) min ⁻¹	Starting Method	Performance		Dry Weight kg	Cable Length m
				Max. Head m	Max. Capacity m ³ /min.		
50(80)	1.5	3000/3600	Capacitor Start	17.5/21.0	0.42	32	10

- 80 mm discharge bore available upon request
- Dry weight excluding cable

We reserve the right to change the specifications and designs for improvement without prior notice.

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