

LSC

Residue Dewatering Pump

Residue Dewatering Pump that Can Pump Water Down to a Minimum Level of 1 mm



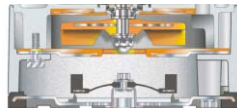
Individual Features

Flow-Thru Design

An excellent cooling effect for the motor can be achieved at low water levels. The top discharge port enables the pump to be installed in narrow locations.

Low Water Draining Mechanism

A unique structure enables the pump to drain water down to a minimum water level of 1 mm. A proprietary valve seat and newly developed swing valve prevent the reverse-flow of water once it is sucked in.



Rubber Lining Base Plate

The base plate is provided with a rubber lining to prevent scratching of floor surfaces.

Multi-Directional Hose Coupling

Discharge can be converted to horizontal direction. Notched bolt holes enable the hose coupling to be removed by merely loosening the cap nuts.

Simple Structure

The pump section can be disassembled and reassembled using a single 13-mm box wrench.

Major Standard Specifications

Discharge Bore		mm	25	
Motor Output		kW	0.48	
Pumping Fluid	Type of Fluid	Residual Water, Paddies		
	Fluid Temperature	0 to 40°C		
Pump	Structure	Impeller	Semi-vortex	
		Shaft Seal	Double Mechanical Seal (with Oil Lifter)	
		Bearing	Double-shielded Ball Bearing	
	Materials	Impeller	Urethane Rubber	
		Casing	Synthetic Rubber	
		Suction Cover	Urethane Rubber	
Bottom Plate		Steel Plate + Synthetic Rubber		
Outer Cover	Steel Plate			
Shaft Seal	Silicon Carbide			
Motor	Type, Pole		Dry Type Submersible Induction Motor, 2-pole	
	Class of Insulation		Class-E	
	Phase/Voltage		Single-phase/ 110V, 220V, 230V, 240V	
	Starting Method		Capacitor Run	
	Protection Device (Built-in)		Miniature Thermal Protector	
	Lubricant		Turbine Oil (ISO VG32)	
	Materials	Frame	Aluminium Alloy Casting	
		Shaft	403 Stainless Steel	
Cable		PVC		

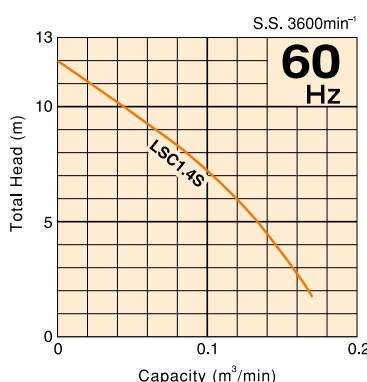
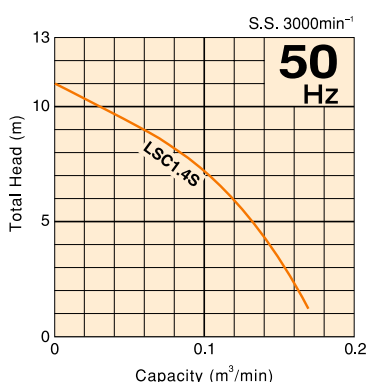
Applications

Ideal for complete drainage of flat surfaces where a sump is not available. Rooftops, parking lots, utility pits, basements, plant maintenance, pools

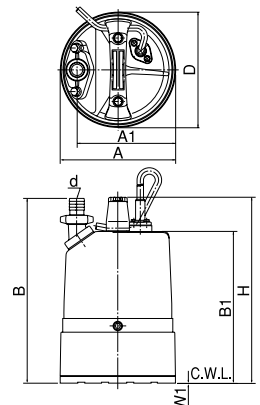
Standard Accessories

- Hose Band 1pc
- ϕ 25 mm Hose Coupling with Union Hose Band 1set

Performance Curves



Dimensions



C.W.L. : Continuous Running Water Level

Standard Specifications 50/60Hz

Discharge Bore mm	Model	Motor Output kW	Phase	Starting Method	Dry Weight kgs	Cable Length m	Dimensions mm						C.W.L. mm	
							d	A	A1	B	B1	D		H
25	LSC1.4S	0.48	Single	Capacitor Run	12	5	25	196	169	316	258	196	316	1

● Dry weight excluding cable