

# LSC

Residue Dewatering Pump

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



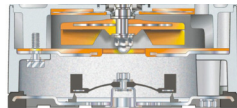
### Individual Features

#### 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, Puddles		
	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	Carbon Steel + Urethane Rubber	
Bottom Plate		Carbon Steel + Synthetic Rubber		
Outer Cover	Carbon Steel			
Shaft Seal	Silicon Carbide			
Motor	Type, Pole		Dry Type Submersible Induction Motor, 2-pole	
	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 Die-casting	
		Shaft	403 Stainless Steel	
Cable		PVC		

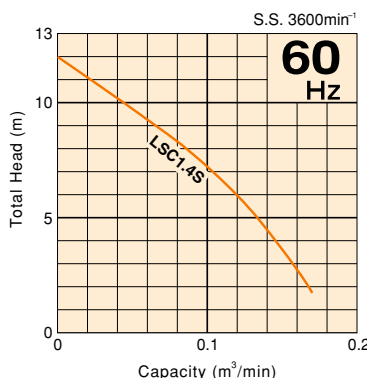
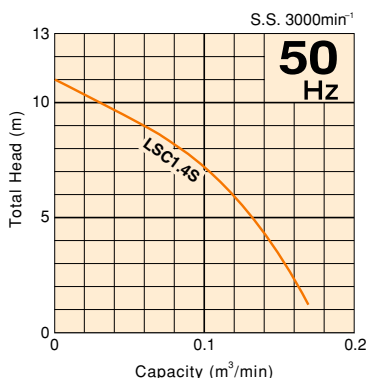
### Applications

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

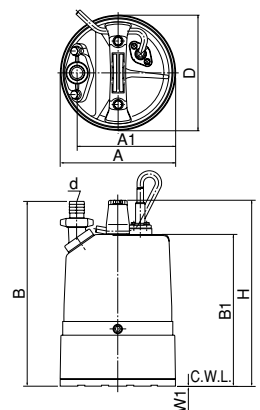
### Standard Accessories

- Hose Band ..... 1pc.
- $\phi$ 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