LSC

Submersible Residue Dewatering Pump

Original residual dewatering pump capable of pumping water down to a minimum level of 1 mm

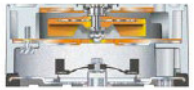
Individual Features

Light, Strong Materials

Light but strong materials such as aluminium die castings and water-resistant special synthetic rubber are used on the entire pump.

Low-water level Draining Mechanism

A pump sump is not required, and water can be drained down to a minimum level of 1 mm. A proprietary seal valve seat and newly developed swing valve do not allow reverse flow of water once it is sucked in.



Cooling System/Discharge Port

<Flow-through design>

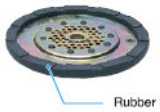
Pumped water cools the motor, which enables the unit to run continuously even the pump body is exposed in air.

Discharge Direction Can Be Selected

The direction that the discharge port faces can be changed to the top or the side by a single 13-mm box wrench, preventing folding and bending of the hose when the pump is installed horizontally. The hose coupling has notched bolt holes, which means that it can be removed by merely loosening the hexagon cap nuts.

Base Plate with Rubber Lining Enables Use on FRP Tanks

The base plate is provided with a rubber lining to prevent scratching even if the pump is used on FRP or PVC floor surfaces.



Common Features

- Cable entry with anti-wicking block
- High-grade bearings for high-temperature operation
- Integrated high-performance motor
- Built-in motor protector
- Oil-bath type double-mechanical seal featuring enhanced stable shaft sealing effect overprolonged use
- Service life of mechanical seal extended by OIL LIFTER (patent pending)
- Mechanical seal protected from corrosive particles in priming fluid by V-ring
- Impeller lock minimized by semi-vortex design

Major Standard Specifications

Item		Discharge bore size mm	25
Pumping fluid	Type of fluid		Cleaning water, Water on floor, Puddles
	Liquid temperature		0~40°C
Pump	Components	Impeller	Semi-Vortex
		Shaft seal	Double mechanical seal
		Bearing	Shielded ball bearing
	Materials	Impeller	Urethane rubber
		Casing	Ethylene propylene rubber
		Suction cover	Urethane rubber
		Shaft seal (mechanical seal)	Silicon Carbide
Motor	Type, poles		Dry-type submersible induction motor, 2 poles
	Insulation		Class E
	Phase/Voltage		Single-phase/110V, 200V, 220V, 230V, 240V
	Motor protector(Built-in)		Miniature protector
	Lubricant		Turbine oil (ISO VG32)
	Materials	Frame	Aluminium alloy casting
		Shaft	Stainless steel #403
		Cable	PVC Sheath
Discharge connection			Hose coupling

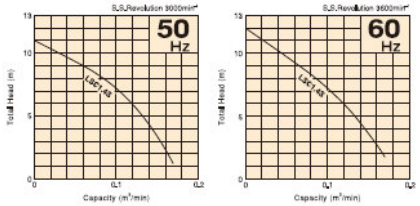
Standard Accessories

- Cablyre cable ·····1pc
- Hose band ·····1pc
- φ 25mm union, and hose coupling ·····1set

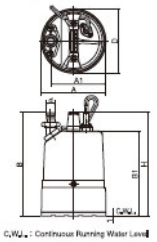
Optional Specifications

- Extended cable

Performance Curves



Dimensions



Specifications 50/60Hz

Discharge Bore mm	Model	Motor Output kW	Phase	Max. Head m	Starting Method	Dry Weight kgs	Length of Cablyre Cable m	Dimensions mm							C.W.L. mm
								d	A	A1	B	B1	D	H	W1
25	LSC1.4S	0.48	Single	11/12	Capacitor Run	12	5	25	196	168	316	258	196	316	1

● Dry weight of the pump excluding cable.

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

TSURUMI MANUFACTURING CO.,LTD.

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