TSURUMI PUMP

LSC SERIES
Residual Water - Dewatering Pump

SPECIFICATIONS

LSC1.4S

✓ FEATURES

- Semi-open, Ductile Iron impeller with replaceable / adjustable wearplate and built in check valve allows for residual water removal down to 0.04" of an inch.
- Double inside mechanical seals with silicon carbide faces, running in an oil filled chamber and further protected by a lip seal running against a replaceable, 403 stainless steel shaft sleeve, provides for the most durable seal design available.
- Highly efficient, continuous duty, air filled, copper wound motor with class E insulation minimizes the cost of operation.
- Built in thermal & amperage Sensing protector prevents motor failure due to overloading or accidental run -dry conditions.
- Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours extend operational life.
- Top discharge, flow-thru design enables operation at low water levels for extended periods.

✓ APPLICATIONS

- Residential, commercial, industrial residual drainage.
- Basement sump pump (does not require a sump).
- Decorative waterfalls and fountains.

✓ SPECIFICATIONS

LSC SERIES		STANDARD	OPTIONS
Discharge Size		3/4" NPT (19mm)	
Horsepower Range		2/3 HP (0.40-1.5kW)	
Performance Range	Capacity	13.2 - 45.0 GPM (0.05 - 0.17m³/min)	
	Head	12.1 - 39.0ft. (3.70 - 11.89m)	
Maximum Water Temperature		104F° (40C°)	
Materials of Construction	Casing	Ethylene Propylene Rubber	
	Impeller	Urethane Rubber	
	Shaft	403 Stainless Steel	
	Motor Frame	Aluminum Alloy	
	Fastners	304 Stainless Steel	
Mechanical Seal		Silicon Carbide	
Elastomers		NBR (Nitrile Butadiene Rubber)	
Impeller Type		Semi-Vortex, Solids Handling	
Solids Handling Capability		0.236" (6.0mm)	
Bearings		Prelubricated, Double Shielded	
Motor Nomenclature	Type, Speed, Hz	Air Filled, 3600RPM, 60Hz	
	Voltage, Phase	115 /230V, 1 Phase	
	Insulation	Class E	
Accessories		Submersible Power Cable, 20' (6.2m)	Length as required
Operational Mode		Manual	