

SPECIFICATIONS	Model	LSC1.4S	LSC-series								
			0.48kW, 1-phase								
<p><b>Type of Pump</b> Submersible residue drainage pump for construction works, floodwater drainage, and cleaning works, etc.</p> <p><b>Type of Fluid</b> Stormwater, groundwater, wash water, and sand-carrying water</p> <p>Temperature: 0 to 40°C</p> <p><b>Discharge Bore &amp; Connection</b> 25mm, Multi-directional Hose Coupling with Union</p> <p><b>Motor Output</b> 0.48kW</p> <p><b>Power Supply</b> Single-phase</p> <p><b>Starting Method</b> Capacitor Run</p> <p><b>Motor</b> Continuous-duty rated, dry-type induction motor</p> <p>Insulation Class: E Degree of Protection: IP68</p> <p>No. of Poles &amp; Speed (Synchronous Speed) 2-pole, 3000/3600min<sup>-1</sup> (50/60Hz)</p> <p>Power Supply Voltages &amp; Rated Currents</p> <table><tr><td>50Hz</td><td>60Hz</td></tr><tr><td>220V – 3.1A</td><td>110V – 6.1A</td></tr><tr><td>230V – 2.9A</td><td>220V – 3.0A</td></tr><tr><td>240V – 2.7A</td><td></td></tr></table> <p><b>Power Cable</b> Sheath: H07RN-F Standard Length: 10m 100 to 240V supply: 1 x 3 x 1.00mm<sup>2</sup>, O.D. 9.0mm</p> <p><b>Dry Weight</b> (excluding cable) 12kg</p>		50Hz	60Hz	220V – 3.1A	110V – 6.1A	230V – 2.9A	220V – 3.0A	240V – 2.7A		<p><b>Impeller</b> Vortex impeller deigned for “high-gap structure”, made of urethane rubber</p> <p><b>Cable Entry with Anti-Wicking Block</b> Watertight cable entry with strain-relief device. The anti-wicking block prevents water incursion due to capillary action should the power cable be damaged or the end submerged.</p> <p><b>Bearing</b> Permanently lubricated, deep-groove, double-shielded C3 ball bearings</p> <p><b>Shaft</b> 403 stainless steel</p> <p><b>Shaft Seal</b> (Mechanical Seal) Furnished with a double-face mechanical seal located in oil chamber. Both upper and lower seal faces always run in a clean environment.</p> <p>Upper Seal Face: Ceramic + Carbon Lower Seal Face: SiC + Ceramic</p> <p><b>V-Ring</b> Used as a “Dust Seal”, it protects the mechanical seal from abrasive particles.</p> <p><b>OIL LIFTER</b> Equipped in oil chamber. It forcibly supplies lubricating oil to the mechanical seal and continues to supply the oil to the upper seal faces even if lubricant falls below the rated volume.</p> <p>Type of Lubricating Oil &amp; Volume Turbine Oil (ISO VG32), 155ml</p> <p><b>Motor Protection Device</b> A miniature thermal protector is embedded in winding of the motor. Directly cuts the motor circuit if excessive heat builds up in the motor.</p>	
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220V – 3.1A	110V – 6.1A										
230V – 2.9A	220V – 3.0A										
240V – 2.7A											
<div>Optional Accessory</div> <p>Multi-directional Male Threaded Coupling</p>											
TSURUMI MANUFACTURING CO., LTD.											