



Company name:

Created by:

Phone:

Date:

02/01/2026

Qty.	Description
1	<p><b>SRG.30.30 .517.25.5.1B</b></p>  <p><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: <a href="#">98798027</a></p> <p>The Grundfos range of horizontal submersible SRG recirculation pumps is designed for pumping return sludge in wastewater treatment plants and other applications where large flow rates are required at a low head. The recirculation pumps are equipped with a gear-driven energy-efficient impeller. The squirrel-cage induction motor is protected against overload by means of three bi-metallic thermal switches (PTO) in the motor windings. The products are equipped with IE3 motor components. To prevent ingress of the surrounding liquid, the SRG recirculation pumps have two radial FKM rubber lip seals in combination with a ceramic wear ring and a mechanical shaft seal made of silicon carbide/silicon carbide or tungsten carbide/tungsten carbide, depending on size. The secondary seal between the gearbox and the motor is made of carbon/aluminium oxide. The oil-filled gearbox is monitored for ingress of water by a leak sensor incorporated as standard. The sensor can trigger an alarm signal and/or switch off the motor by means of an external Grundfos relay, type ALR-20/A, supplied as an optional accessory. The gearbox incorporates tapered roller bearings absorbing the axial force from the propeller. Motors range from 0.8 to 24 kW. A wide range of accessories made of stainless steel AISI 304/316 steel ensure easy installation and long trouble-free operation.</p> <p><b>Technical:</b></p> <p>Maximum flow: 200 l/s</p> <p>Propeller speed: 517 rpm</p> <p>Gear ratio: 5.600</p> <p>Propeller diameter: 300 mm</p> <p>Number of propeller blades: 3</p> <p>Max. propeller blade angle: 25 deg.</p> <p>Rated head: 0.75 m</p> <p>Primary shaft seal: 2X RADIAL LIP SEALS</p> <p>Testing standard: ISO9906:2012 3B</p> <p><b>Materials:</b></p>



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1	<p>Motor: Cast iron EN-GJL-250</p> <p>Propeller: 1.4408</p> <p>Hub: AISI 1.4408</p> <p>Flange: Stainless steel DIN W.-Nr. 1.4306</p> <p>Paint thickness: 450 micrometre</p> <p>Installation:</p> <p>Maximum installation depth: 20 m</p> <p>Fits column profile tube, size: 60/60 mm</p> <p>Liquid:</p> <p>Liquid temperature range: 5 .. 40 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p>Electrical data:</p> <p>Power input - P1: 3.4 kW</p> <p>Rated power - P2: 3 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 400-415 V</p> <p>Voltage tolerance: +6/-10 %</p> <p>Max starts per hour: 20</p> <p>Rated current: 5.8 A</p> <p>Starting current: 62 A</p> <p>Cos phi - power factor: 0.86</p> <p>Cos phi - p.f. at 3/4 load: 0.81</p> <p>Cos phi - p.f. at 1/2 load: 0.72</p> <p>Rated speed: 2870 rpm</p> <p>Motor efficiency at full load: 89.6 %</p> <p>Motor efficiency at 3/4 load: 90.2 %</p> <p>Motor efficiency at 1/2 load: 89.7 %</p> <p>Number of poles: 2</p> <p>Start. method: star/delta</p> <p>Enclosure class (IEC 34-5): IP68</p> <p>Insulation class (IEC 85): H</p> <p>Explosion proof: no</p> <p>Ex-protection standard: NO PTO (THERMAL SWITCH)</p> <p>Power cable type: S1BN8-F 11G1,5</p> <p>Length of power cable: 10 m</p> <p>Power plug: No plug</p> <p>Controls:</p> <p>Moisture sensor: without moisture sensors</p> <p>Water-in-oil sensor: with water-in-oil sensor</p> <p>Others:</p>



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1	Net weight: 112 kg