


Qty.	Description																		
1	<p><b>SRG.30.30 .517.25.5.1B</b></p>  <p>Note! Product picture may differ from actual product</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.</p> <p>The squirrel-cage induction motor is protected against overload by means of three bi-metallic thermal switches (PTO) in the motor windings.</p> <p>The products are equipped with IE3 motor components.</p> <p>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.</p> <p>The secondary seal between the gearbox and the motor is made of carbon/aluminium oxide.</p> <p>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.</p> <p>The gearbox incorporates tapered roller bearings absorbing the axial force from the propeller.</p> <p>Motors range from 0.8 to 24 kW.</p> <p>A wide range of accessories made of stainless steel AISI 304/316 steel ensure easy installation and long trouble-free operation.</p> <p>Technical:</p> <table> <tr> <td>Maximum flow:</td><td>200 l/s</td></tr> <tr> <td>Propeller speed:</td><td>517 rpm</td></tr> <tr> <td>Gear ratio:</td><td>5.600</td></tr> <tr> <td>Propeller diameter:</td><td>300 mm</td></tr> <tr> <td>Number of propeller blades:</td><td>3</td></tr> <tr> <td>Max. propeller blade angle:</td><td>25 deg.</td></tr> <tr> <td>Rated head:</td><td>0.75 m</td></tr> <tr> <td>Primary shaft seal:</td><td>2X RADIAL LIP SEALS</td></tr> <tr> <td>Testing standard:</td><td>ISO9906:2012 3B</td></tr> </table> <p>Materials:</p>	Maximum flow:	200 l/s	Propeller speed:	517 rpm	Gear ratio:	5.600	Propeller diameter:	300 mm	Number of propeller blades:	3	Max. propeller blade angle:	25 deg.	Rated head:	0.75 m	Primary shaft seal:	2X RADIAL LIP SEALS	Testing standard:	ISO9906:2012 3B
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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: Maximum installation depth: 20 m Fits column profile tube, size: 60/60 mm</p> <p>Liquid: Liquid temperature range: 5 .. 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m<sup>3</sup></p> <p>Electrical data: Power input - P1: 3.4 kW Rated power - P2: 3 kW Mains frequency: 50 Hz Rated voltage: 3 x 400-415 V Voltage tolerance: +6/-10 % Max starts per hour: 20 Rated current: 5.8 A Starting current: 62 A Cos phi - power factor: 0.86 Cos phi - p.f. at 3/4 load: 0.81 Cos phi - p.f. at 1/2 load: 0.72 Rated speed: 2870 rpm Motor efficiency at full load: 89.6 % Motor efficiency at 3/4 load: 90.2 % Motor efficiency at 1/2 load: 89.7 % Number of poles: 2 Start. method: star/delta Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): H Explosion proof: no Ex-protection standard: NO PTO (THERMAL SWITCH) Power cable type: S1BN8-F 11G1,5 Length of power cable: 10 m Power plug: No plug</p> <p>Controls: Moisture sensor: without moisture sensors Water-in-oil sensor: with water-in-oil sensor</p> <p>Others:</p>



Company name:

Created by:

Phone:

Date:

02/01/2026

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1	Net weight: 112 kg