



Company name:

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Date: 08/08/2022

Qty.	Description																																								
1	<p>SP 5A-52</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: 05171K52</p> <p>Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All steel components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This pump carries drinking water approval.</p> <p>The pump is fitted with a 5.5 kW MS4000 motor with sand shield, mechanical shaft seal, water-lubricated journal bearings and a volume compensating diaphragm. The motor is a canned type submersible motor offering good mechanical stability and high efficiency. Suitable for temperatures up to 40 °C.</p> <p>The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.</p> <p>The motor is for direct-on-line starting (DOL).</p> <p>Liquid:</p> <table><tr><td>Pumped liquid:</td><td>Water</td></tr><tr><td>Liquid max temp:</td><td>40 °C</td></tr><tr><td>Max liquid t at 0.15 m/sec:</td><td>40 °C</td></tr><tr><td>Selected liquid temperature:</td><td>20 °C</td></tr><tr><td>Density:</td><td>998.2 kg/m³</td></tr></table> <p>Technical:</p> <table><tr><td>Pump speed on which pump data are based:</td><td>2900 rpm</td></tr><tr><td>Rated flow:</td><td>5 m³/h</td></tr><tr><td>Rated head:</td><td>213 m</td></tr><tr><td>Shaft seal for motor:</td><td>HM/CER</td></tr><tr><td>Approvals on nameplate:</td><td>CE,EAC</td></tr><tr><td>Curve tolerance:</td><td>ISO9906:2012 3B</td></tr><tr><td>Motor version:</td><td>T40</td></tr><tr><td>Specification for shaft end:</td><td>CYLINDRICAL</td></tr></table> <p>Materials:</p> <table><tr><td>Pump:</td><td>Stainless steel EN 1.4301 AISI 304</td></tr><tr><td>Impeller:</td><td>Stainless steel EN 1.4301 AISI 304</td></tr><tr><td>Motor:</td><td>Stainless steel DIN W.-Nr. 1.4301 AISI 304</td></tr></table> <p>Installation:</p> <table><tr><td>Pump outlet:</td><td>Rp1 1/2</td></tr><tr><td>Motor diameter:</td><td>4 inch</td></tr></table> <p>Electrical data:</p> <table><tr><td>Motor type:</td><td>MS4000</td></tr><tr><td>Rated power - P2:</td><td>5.5 kW</td></tr></table>	Pumped liquid:	Water	Liquid max temp:	40 °C	Max liquid t at 0.15 m/sec:	40 °C	Selected liquid temperature:	20 °C	Density:	998.2 kg/m³	Pump speed on which pump data are based:	2900 rpm	Rated flow:	5 m³/h	Rated head:	213 m	Shaft seal for motor:	HM/CER	Approvals on nameplate:	CE,EAC	Curve tolerance:	ISO9906:2012 3B	Motor version:	T40	Specification for shaft end:	CYLINDRICAL	Pump:	Stainless steel EN 1.4301 AISI 304	Impeller:	Stainless steel EN 1.4301 AISI 304	Motor:	Stainless steel DIN W.-Nr. 1.4301 AISI 304	Pump outlet:	Rp1 1/2	Motor diameter:	4 inch	Motor type:	MS4000	Rated power - P2:	5.5 kW
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1	<p>Power (P2) required by pump: 5.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 13.0-13.0-13.4 A Starting current: 480-530-550 % Cos phi - power factor: 0.85-0.81-0.76 Rated speed: 2850-2860-2870 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Built-in temp. transmitter: yes Motor No: 79195511 Windings: Enamelled</p> <p>Others:</p> <p>Minimum efficiency index, MEI \geq: 0.50 ErP status: EuP Standalone/Prod. Net weight: 48 kg Gross weight: 82.1 kg Shipping volume: 0.238 m³ Norwegian NRF no.: 9040882 Country of origin: GB Custom tariff no.: 84137029</p>