



Company name:

Created by:

Phone:

Date: 08/08/2022

Qty.	Description																																								
1	<p><b>SP 5A-44</b></p>  <p><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: <b>05101K44</b></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 4 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 not fitted with a temperature sensor. If temperature monitoring is desired, a Pt1000 sensor can be fitted.</p> <p>The motor is for direct-on-line starting (DOL).</p> <p><b>Liquid:</b></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><b>Technical:</b></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>180 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><b>Materials:</b></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><b>Installation:</b></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><b>Electrical data:</b></p> <table><tr><td>Motor type:</td><td>MS4000</td></tr><tr><td>Rated power - P2:</td><td>4 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:	180 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:	4 kW
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:	180 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:	4 kW																																								



Company name:

Created by:

Phone:

Date:

08/08/2022

Qty.	Description
1	<p>Power (P2) required by pump: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 9.75-9.60-9.80 A Starting current: 460-500-530 % Cos phi - power factor: 0.85-0.80-0.77 Rated speed: 2850-2865-2875 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Built-in temp. transmitter: no Motor No.: 79194510 Windings: Enamelled</p> <p>Others:</p> <p>Minimum efficiency index, MEI <math>\geq</math>: 0.50 ErP status: EuP Standalone/Prod. Net weight: 37.5 kg Gross weight: 43.1 kg Shipping volume: 0.074 m<sup>3</sup> Danish VVS No.: 388315440 Swedish RSK No.: 5852808 Norwegian NRF no.: 9040881 Country of origin: GB Custom tariff no.: 84137029</p>