Date:     08/08/2022       Oty     Description       1     SP 17-10       Image: Second		GRUNDF	N S	Company n Created by: Phone:				
1       SP 17-10         1       SP 17-10         1       Notel Product picture may differ from actual product         Product No::       12A01910         Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All stee         components are made in stainless steple. EN 1.4301 (AISI 304). Intensures high corrosive resistance. This pum         carries drinking water approval.         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 officionery. Suitable for tomperatures up to 40 °C.         The motor is fird with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.         The motor is for direct-on-line starting (DOL).         Liquid:         Pumped liquid:       Water         Liquid it 0.15 m/sec:       40 °C         Max liquid 1 at 0.15 m/sec:       17 m?h         Rated flow:       11 m         Shaf				Date:	08/08/2022			
Notel Product picture may differ from actual product         Product No:       12A01910         Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All steed components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This pump carries of thinking water approval.         The pump is filted with a 5.5 kW MS4000 metor with sand shield, mechanical shaft seal, water-tubricated journal bearings and a volume compensating diaphagm. The motor is a cancel type submersible motor offering good mechanical stability and high efficiency. Suitable for temperatures up to 40 °C.         The motor is firted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, mabbles temperature monitoring.         The motor is firted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, mabbles temperature monitoring.         Liquidi       Pumpe liquidi:       Water         Liquid ut at 0.15 m/sec:       40 °C.         Kateid flow:       17 m <sup>3</sup> /h         Rated flow:       16 00906:2012 3B         Motor version:       Tel         Pump:       Stainless steel         EN 1.4301       AIS 1304         Motor version:       Tel         Materials: <td< td=""><td>Qty.</td><td>Description</td><td></td><td></td><td></td></td<>	Qty.	Description						
Product No.: 12A01910         Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All steed components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This pump carries drinking water approval.         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.         The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.         The motor is for direct-on-line starting (DDL).         Liquid:         Pumped liquid ta 0.15 m/sec:       40 °C.         Selected liquid temperature:       20 °C         Density:       998.2 kg/m²         Technical:       Pump speed on which pump data are based:         Pump solution:       17 m?/n         Rated flow:       17 m?/n         Rated flow:       1640         Motor version:       T40         Motor version:       T40         Materials:       Pump:         Stainless steel       EN 1.4301         Alst 304       Alst 304         Motor version:       T40         Materials:       Pump: <t< td=""><td>1</td><td>SP 17-10</td><td></td><td></td><td></td></t<>	1	SP 17-10						
Product No.: 12A01910         Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All steed components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This pump carries drinking water approval.         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.         The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.         The motor is for direct-on-line starting (DDL).         Liquid:         Pumped liquid to 15 m/sec:       40 °C.         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Technical:       Pump speed on which pump data are based:         Pump shaft beach motor:       17 m³/h         Rated flow:       17 m³/h         Rated flow:       160906:2012 3B         Motor version:       T40         Materials:       Pump:         Stall sold       AISI 304         Motor:       Stalless steel         DiN WNr. 1.4301       AISI 304         Motor:       Stalless steel         DiN WNr. 1.4301								
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.         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.         The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.         The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.         The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.         Liquid:         Pumped liquid:       Water         Liquid max temp:       40 °C         Max liquid t at 0.15 m/sec:       20 °C         Density:       998.2 kg/m³         Technical:       Pump speed on which pump data are based:       2900 rpm         Rated head:       81 m         Shaft seal for motor:       HM/CER         Approvals on nameplate:       CE,EAC         Curve tolerance:       ISO9906:2012 3B <t< td=""><td></td><td></td><td>Note! Product pictur</td><td>e may differ from ac</td><td>tual product</td></t<>			Note! Product pictur	e may differ from ac	tual product			
components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This pump carries drinking water approval. 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. The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring. The motor is for direct-on-line starting (DOL). Liquid: Pumped liquid: Water Liquid max temp: 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2900 rpm Rated flow: 17 m³/h Rated flow: 17 m³/h Rated flow: 17 m³/h Rated flow: 180906:2012 3B Motor version: T40 Materials: Pump: Stainless steel EN 1.4301 AISI 304 Impeller: Stainless steel EN 1.4301 AISI 304 Installation: Pump outlet: RP2 1/2		Product No.: 12A01910						
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. The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring. The motor is for direct-on-line starting (DOL). Liquid: Pumped liquid: Water Liquid max temp: 40 °C Max liquid t at 0.15 m/sec: 40 °C Selected liquid temperature: 20 °C Density: 988.2 kg/m <sup>a</sup> Technical: Pump speed on which pump data are based: 2900 rpm Rated flow: 17 m <sup>a</sup> /h Rated flow: CLEAC Curve tolerance: ISO9906:2012 3B Motor version: T40 Materials: Pump: Stainless steel EN 1.4301 AISI 304 Impeller: Stainless steel EN 1.4301 AISI 304 Impeller: R12 Stainless steel DIN WNr. 1.4301 AISI 304 Installation: Pump outlet: RP2 1/2		<ul> <li>components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This p carries drinking water approval.</li> <li>The pump is fitted with a 5.5 kW MS4000 motor with sand shield, mechanical shaft seal, water-lubricated journ bearings and a volume compensating diaphragm. The motor is a canned type submersible motor offering goo mechanical stability and high efficiency. Suitable for temperatures up to 40 °C.</li> <li>The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.</li> </ul>						
MP204 control panel, enables temperature monitoring. The motor is for direct-on-line starting (DOL). Liquid: 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/m <sup>3</sup> Technical: Pump speed on which pump data are based: 2900 rpm Rated flow: 17 m <sup>3</sup> /h Rated head: 81 m Shaft seal for motor: HM/CER Approvals on nameplate: CE,EAC Curve tolerance: ISO9906:2012 3B Motor version: T40 Materials: Pump: Stainless steel EN 1.4301 AISI 304 Impeller: Stainless steel EN 1.4301 AISI 304 Installation: Pump outlet: RP2 1/2								
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         Technical:       Pump speed on which pump data are based: 2900 rpm         Rated flow:       17 m³/h         Rated flow:       17 m³/h         Rated head:       81 m         Shaft seal for motor:       HM/CER         Approvals on nameplate:       CE,EAC         Curve tolerance:       ISO9906:2012 3B         Motor version:       T40         Materials:       Pump:         Pump:       Stainless steel         EN 1.4301       AISI 304         Motor:       Stainless steel         EN 1.4301       AISI 304         Motor:       Stainless steel         DIN WNr. 1.4301       AISI 304         Pump outlet:       RP2 1/2								
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         Technical:       Pump speed on which pump data are based:         Pump speed on which pump data are based:       2900 rpm         Rated flow:       17 m³/h         Rated head:       81 m         Shaft seal for motor:       HM/CER         Approvals on nameplate:       CE,EAC         Curve tolerance:       ISO9906:2012 3B         Motor version:       T40         Materials:       Pump:         Pump:       Stainless steel         EN 1.4301       AISI 304         Impeller:       Stainless steel         EN 1.4301       AISI 304         Motor:       Stainless steel         DIN WNr. 1.4301       AISI 304         Motor:       Pump outlet:       RP2		Liquid:						
Max liquid t at 0.15 m/sec:       40 °C         Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Technical:       Pump speed on which pump data are based:       2900 rpm         Rated flow:       17 m³/h         Rated head:       81 m         Shaft seal for motor:       HM/CER         Approvals on nameplate:       CE_EAC         Curve tolerance:       ISO9906:2012 3B         Motor version:       T40         Materials:       Pump:         Pump:       Stainless steel         EN 1.4301       AISI 304         Impeller:       Stainless steel         EN 1.4301       AISI 304         Motor:       Stainless steel         DIN WNr. 1.4301       AISI 304         Installation:       Pump outlet:         Pump outlet:       RP2 1/2			Water					
Selected liquid temperature:       20 °C         Density:       998.2 kg/m³         Technical:								
Density:       998.2 kg/m³         Technical:       Pump speed on which pump data are based: 2900 rpm         Rated flow:       17 m³/h         Rated flow:       17 m³/h         Rated head:       81 m         Shaft seal for motor:       HM/CER         Approvals on nameplate:       CE_EAC         Curve tolerance:       ISO9906:2012 3B         Motor version:       T40         Materials:       Pump:         Pump:       Stainless steel         EN 1.4301       AISI 304         Motor:       Stainless steel         EN 1.4301       AISI 304         Motor:       Stainless steel         Din WNr. 1.4301       AISI 304								
Pump speed on which pump data are based: 2900 rpm         Rated flow:       17 m³/h         Rated head:       81 m         Shaft seal for motor:       HW/CER         Approvals on nameplate:       CE,EAC         Curve tolerance:       ISO9906:2012 3B         Motor version:       T40         Materials:       Pump:         Pump:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         DIN WNr. 1.4301         AISI 304         Impeller:       Stainless steel         DIN WNr. 1.4301         AISI 304         Pump outlet:       RP2 1/2								
Rated head:81 mShaft seal for motor:HM/CERApprovals on nameplate:CE,EACCurve tolerance:ISO9906:2012 3BMotor version:T40Materials:Pump:Stainless steelEN 1.4301AISI 304Impeller:Stainless steelEN 1.4301AISI 304Motor:Stainless steelDIN WNr. 1.4301AISI 304Installation:Pump outlet:RP2 1/2		Pump speed on which pump da		rpm				
Shaft seal for motor:       HM/CER         Approvals on nameplate:       CE,EAC         Curve tolerance:       ISO9906:2012 3B         Motor version:       T40         Materials:       Pump:         Pump:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         EN 1.4301         AISI 304         Motor:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         EN 1.4301         AISI 304         Motor:       Stainless steel         DIN WNr. 1.4301         AISI 304         Installation:         Pump outlet:       RP2 1/2								
Curve tolerance:       ISO9906:2012 3B         Motor version:       T40         Materials:       Pump:         Pump:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         DIN WNr. 1.4301         AISI 304         Installation:         Pump outlet:       RP2 1/2								
Motor version:       T40         Materials:								
Pump:       Stainless steel         EN 1.4301         AISI 304         Impeller:       Stainless steel         EN 1.4301         AISI 304         Motor:       Stainless steel         DIN WNr. 1.4301         AISI 304         Installation:         Pump outlet:       RP2 1/2								
EN 1.4301 AISI 304 Impeller: Stainless steel EN 1.4301 AISI 304 Motor: Stainless steel DIN WNr. 1.4301 AISI 304 Installation: Pump outlet: RP2 1/2		Materials:						
Impeller: Stainless steel EN 1.4301 AISI 304 Motor: Stainless steel DIN WNr. 1.4301 AISI 304 Installation: Pump outlet: RP2 1/2		Pump:	EN 1.4301					
Motor: Stainless steel DIN WNr. 1.4301 AISI 304 Installation: Pump outlet: RP2 1/2		Impeller:	Stainless steel EN 1.4301					
Pump outlet: RP2 1/2		Motor:	Stainless steel DIN WNr. 1.4301					
		Electrical data:						

Power (P2) required by pump:

MS4000

5.5 kW

5.5 kW

Motor type:

Rated power - P2:



Company name: Created by: Phone:

		Date:	08/08/2022	
Description				
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			
nsulation class (IEC 85):	F			
Built-in temp. transmitter:	yes			
Motor No:	79195511			
Nindings:	Enamelled			
Others:				
Minimum efficiency index, MEI	≥: 0.70			
ErP status:	EuP Standalone/Prod	L		
Net weight:	44.6 kg			
Gross weight:	70.3 kg			
Shipping volume:	0.2 m <sup>3</sup>			
Danish VVS No.:	388336100			
Finnish LVI No.:	4762723			
	GB			
Country of origin: Custom tariff no.:	84137029			
	04137029			