

Qty. Description

1 SP 46-13



Note! Product picture may differ from actual product

Product No.: [15A01913](#)

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 22 kW MS6000 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
 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: 46 m³/h
 Rated head: 114 m
 Shaft seal for motor: CER/CARNBR
 Approvals on nameplate: CE, GOST2
 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
 Motor: Stainless steel
 DIN W.-Nr. 1.4301
 AISI 304

Installation:

Pump outlet: RP4
 Motor diameter: 6 inch

Electrical data:

Motor type: MS6000
 Rated power - P2: 22 kW
 Power (P2) required by pump: 22 kW



Company name:

Created by:

Phone:

Date:

08/08/2022

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1	Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 49.5-47.5-46.5 A Starting current: 480-530-560 % Cos phi - power factor: 0.86-0.84-0.82 Rated speed: 2850-2870-2880 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Built-in temp. transmitter: yes Motor No: 78195518 Windings: Enamelled Others: Minimum efficiency index, MEI ≥: 0.40 ErP status: EuP Standalone/Prod. Net weight: 104 kg Gross weight: 142 kg Shipping volume: 0.338 m³ Danish VVS No.: 388340130 Country of origin: GB Custom tariff no.: 84137029
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