

Qty. Description

1 SP 3A-52



Note! Product picture may differ from actual product

Product No.: [10101K52](#)

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 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.

The motor is not fitted with a temperature sensor. If temperature monitoring is desired, a Pt1000 sensor can be fitted.

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: 3 m³/h
 Rated head: 243 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

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: Rp1 1/4
 Motor diameter: 4 inch

Electrical data:

Motor type: MS4000
 Rated power - P2: 4 kW

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1	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 Others: Minimum efficiency index, MEI \geq : 0.70 ErP status: EuP Standalone/Prod. Net weight: 43 kg Gross weight: 48.6 kg Shipping volume: 0.067 m ³ Danish VVS No.: 388313520 Swedish RSK No.: 5852988 Finnish LVI No.: 4762670 Norwegian NRF no.: 9040863
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