

**Qty. Description**

1 SP 2A-55



Note! Product picture may differ from actual product

Product No.: [09101K55](#)

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 3 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/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 2900 rpm  
 Rated flow: 2 m<sup>3</sup>/h  
 Rated head: 219 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: 3 kW

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1	Power (P2) required by pump: 3 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 7.70-7.85-8.10 A Starting current: 460-490-500 % Cos phi - power factor: 0.82-0.77-0.73 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: 79194508 Windings: Enamelled  Others: Minimum efficiency index, MEI $\geq$ : 0.70 ErP status: EuP Standalone/Prod. Net weight: 37.6 kg Gross weight: 42.4 kg Shipping volume: 0.068 m <sup>3</sup> Danish VVS No.: 388312550 Swedish RSK No.: 5852806 Norwegian NRF no.: 9040821 Country of origin: GB Custom tariff no.: 84137029
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