

**Qty. Description**

1 SP 1A-42



Note! Product picture may differ from actual product

Product No.: [08101K42](#)

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 1.1 kW MS402 motor with sand shield, lip 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:	1 m <sup>3</sup> /h
Rated head:	146 m
Shaft seal for motor:	LIPSEAL
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:	MS402
Rated power - P2:	1.1 kW

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1	Power (P2) required by pump: 1.1 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 3.25-3.40-3.65 A Starting current: 480-480-470 % Cos phi - power factor: 0.76-0.72-0.65 Rated speed: 2850-2860-2870 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): B Built-in temp. transmitter: no Motor No: 79192005 Windings: Enamelled  Others: Minimum efficiency index, MEI $\geq$ : 0.70 ErP status: EuP Standalone/Prod. Net weight: 18.5 kg Gross weight: 26.9 kg Shipping volume: 0.022 m <sup>3</sup> Danish VVS No.: 388311420 Swedish RSK No.: 5850291 Norwegian NRF no.: 9040807 Country of origin: GB Custom tariff no.: 84137029
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