

**Qty. Description**

1 SP 3A-45



Note! Product picture may differ from actual product

Product No.: [10101K45](#)

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:	3 m <sup>3</sup> /h
Rated head:	210 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



Company name:

Created by:

Phone:

Date:

08/08/2022

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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 ≥:	0.70
	ErP status:	EuP Standalone/Prod.
	Net weight:	36.5 kg
	Gross weight:	42.1 kg
	Shipping volume:	0.067 m <sup>3</sup>
	Danish VVS No.:	388313450
	Swedish RSK No.:	5852987
	Finnish LVI No.:	4762660
	Norwegian NRF no.:	9040862
	Country of origin:	GB
	Custom tariff no.:	84137029