

Date: 13/11/2018

Position | Qty. | Description | 1 | SP 1A-50



Note! Product picture may differ from actual product

Product No.: 08102E50

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 1.5 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
Maximum liquid temperature: 40 °C
Max liquid t at 0.15 m/sec: 40 °C
Liquid temperature during operation: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2900 rpm

Rated flow: 1 m³/h
Rated head: 175 m
Shaft seal for motor: LIPSEAL
Approvals on nameplate: CE,EAC

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 Stainless steel

Motor: Stainless steel
DIN W.-Nr. 1.4301

AISI 304

Installation:

Pump outlet: Rp1 1/4
Motor diameter: 4 inch



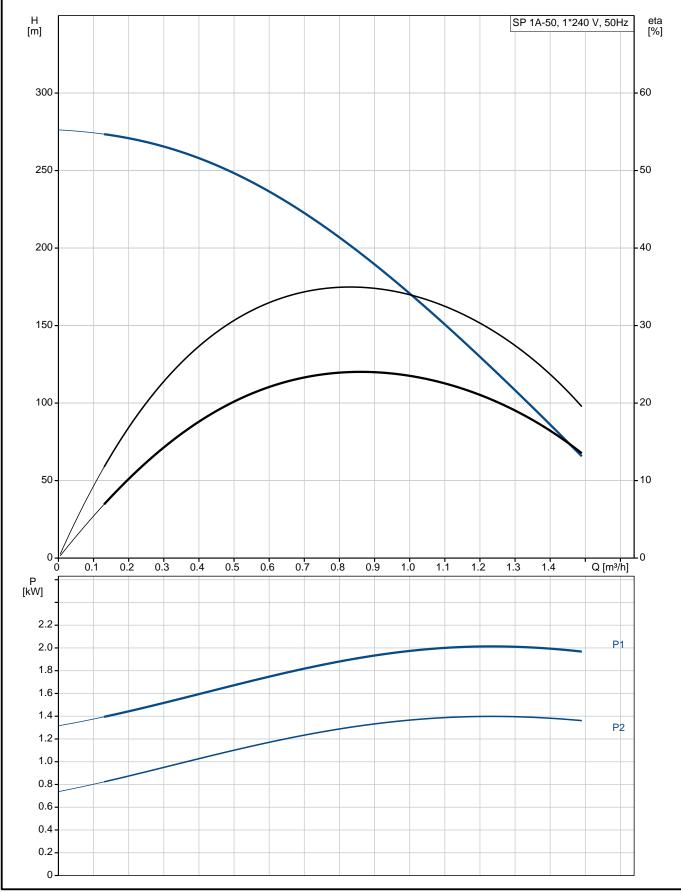
Date: 13/11/2018

Description City Description				Date:	13/11/2018	
Motor type: Type of motor: CSCR Rated power - P2: Power (P2) required by pump: 1.5 kW Mains frequency: Rated voltage: 1 x 240 V Rated current: 9.8 A Starting current: 450 % Cos phi - power factor: 0.98 Rated speed: 2860 rpm Start. method: Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): Built-in temp. transmitter: Minimum efficiency index, MEI =: 0.70 ErP status: Net weight: 29.8 kg Gross weight: 34.6 kg	Position	Qty.	Description			
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Net weight: 29.8 kg Gross weight: 34.6 kg			Minimum efficiency index, MEI =: 0.70			
Gross weight: 34.6 kg						



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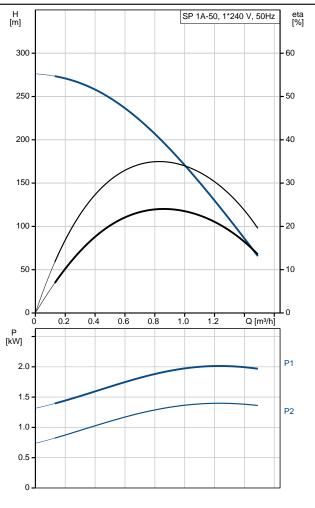
08102E50 SP 1A-50 50 Hz





Date: 13/11/2018

Description	Value
General information:	
Product name:	SP 1A-50
Product No:	08102E50
EAN number:	5700391257032
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	1 m³/h
Rated head:	175 m
Stages:	50
Impeller reduc.:	NONE
Shaft seal for motor:	LIPSEAL
Approvals on nameplate:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Model:	A
Valve:	YES
Motor version:	T40
Materials:	140
	Ctoinlana at!
Pump:	Stainless steel
	EN 1.4301
lana allana	AISI 304
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Motor:	Stainless steel
	DIN WNr. 1.4301
	AISI 304
Installation:	
Pump outlet:	Rp1 1/4
Motor diameter:	4 inch
Liquid:	
Pumped liquid:	Water
Maximum liquid temperature:	40 °C
Max liquid t at 0.15 m/sec:	40 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	MS402
Type of motor:	CSCR
Applic. motor:	GRUNDFOS
Rated power - P2:	1.5 kW
Power (P2) required by pump:	1.5 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 240 V
Rated current:	9.8 A
Starting current:	450 %
Cos phi - power factor:	0.98
Rated speed:	2860 rpm
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	В
Motor protec:	NONE
Thermal protec:	external
Built-in temp. transmitter:	
Motor No:	no 79243106
	19243100
Others:	0.70
Minimum efficiency index, MEI =: ErP status:	0.70
	EuP Standalone/Pr





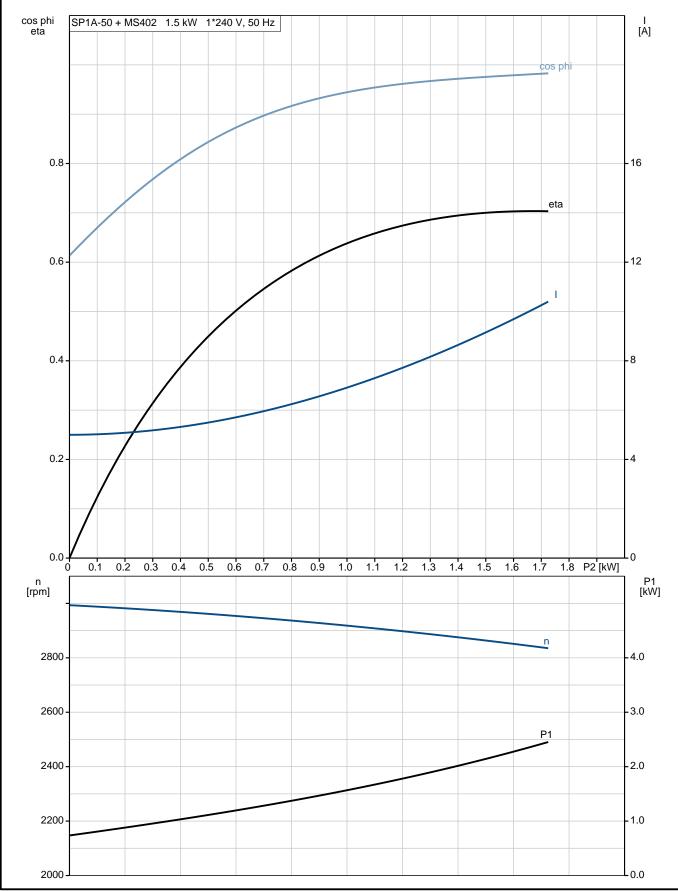
Date: 13/11/2018

Description	Value
Net weight:	29.8 kg
Gross weight:	34.6 kg
Shipping volume:	66.8 m³



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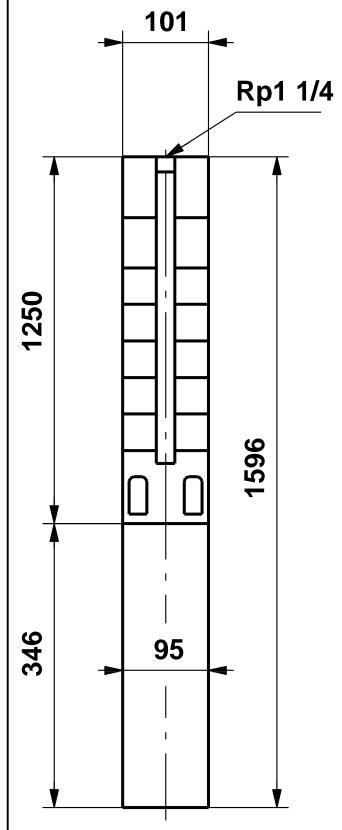
08102E50 SP 1A-50 50 Hz





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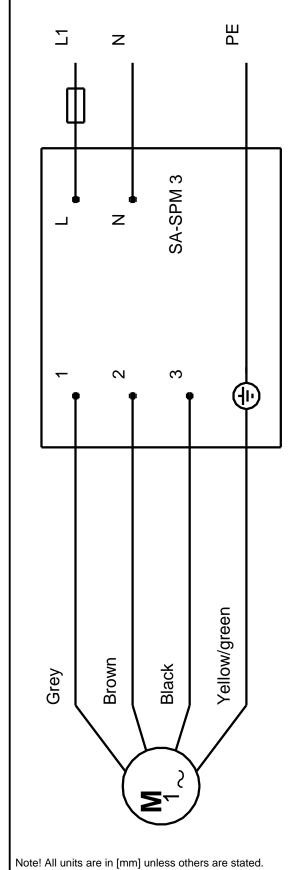


Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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08102E50 SP 1A-50 50 Hz



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