

Date: 14/11/2018

Position | Qty. | Description

1

SP 14-6



Product No.: 98699340

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: 14 m³/h
Rated head: 25.3 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

Motor: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Installation:

Pump outlet: RP2 Motor diameter: 4 inch

Electrical data:

Motor type: MS402
Type of motor: CSCR
Rated power - P2: 1.5 kW
Power (P2) required by pump: 1.5 kW



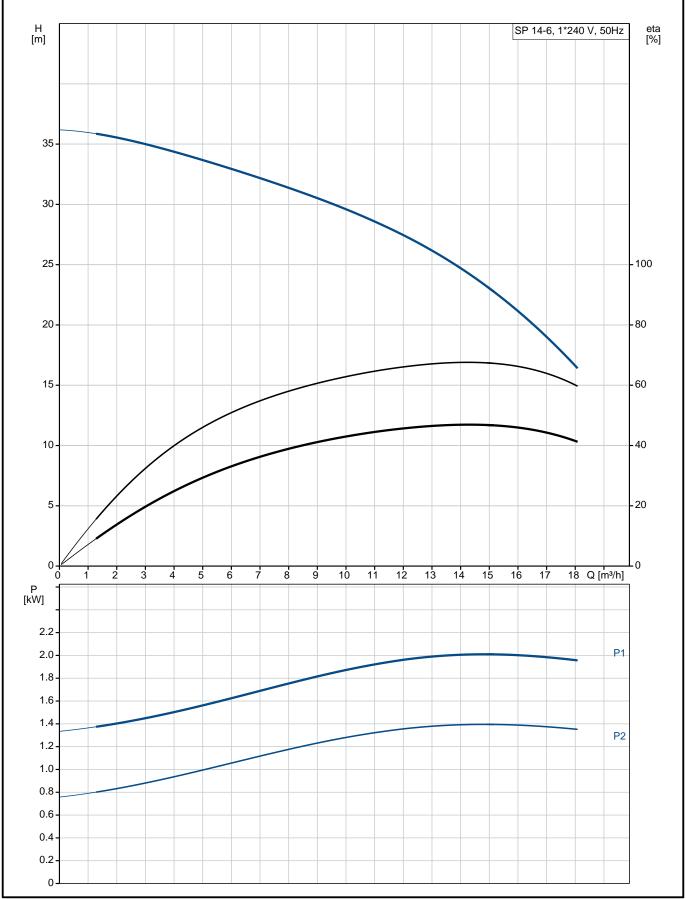
Date: 14/11/2018

Position City Description	
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: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): Built-in temp. transmitter: no Others: Minimum efficiency index, MEI =: 0.50 ErP status: EuP Standalone/Prod. Net weight: 20.2 kg Gross weight: 21.9 kg	
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Net weight: 20.2 kg Gross weight: 21.9 kg	
Gross weight: 21.9 kg	
Shipping volume: 21.9 kg Shipping volume: 0.016 m³	
Snipping volume: 0.016 m³	



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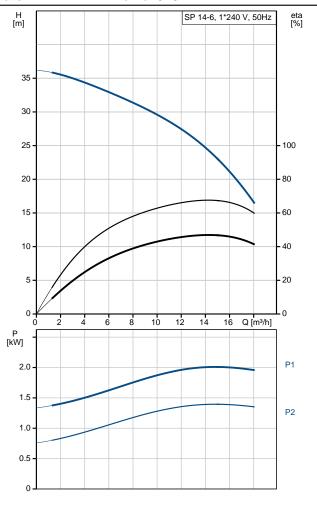
98699340 SP 14-6 50 Hz





Date: 14/11/2018

Description	Value
General information:	
Product name:	SP 14-6
Product No:	98699340
EAN number:	5712600111639
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	14 m³/h
Rated head:	25.3 m
Stages:	6
Impeller reduc.:	NONE
Shaft seal for motor:	LIPSEAL
Approvals on nameplate:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Model:	A
Valve:	YFS
Motor version:	T40
Materials:	
Pump:	Stainless steel
	EN 1.4301
	AISI 304
Impeller:	Stainless steel
ппрепет.	EN 1.4301
	AISI 304
Motor:	Stainless steel
WOOT.	DIN WNr. 1.4301
	AISI 304
Installation:	AISI 304
Pump outlet:	RP2
Motor diameter:	4 inch
Liquid:	4 111011
	Water
Pumped liquid: Maximum liquid temperature:	40 °C
Max liquid t at 0.15 m/sec:	40 °C
· · · · · · · · · · · · · · · · · · ·	20 °C
Liquid temperature during operation:	
Density:	998.2 kg/m³
Electrical data:	MC400
Motor type:	MS402
Type of motor:	CSCR
Applic. motor:	NEMA
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:	no
Motor No:	79243106
Others:	
Minimum efficiency index, MEI =:	0.50
ErP status:	EuP Standalone/Prod.





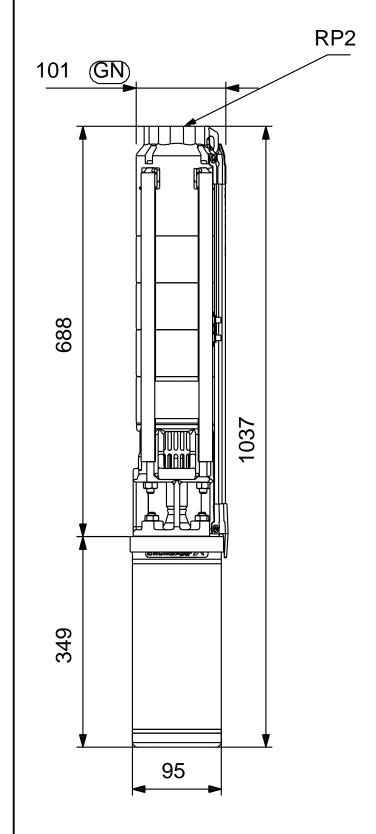
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Description	Value
Net weight:	20.2 kg
Gross weight:	21.9 kg
Shipping volume:	0.016 m ³



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98699340 SP 14-6 50 Hz

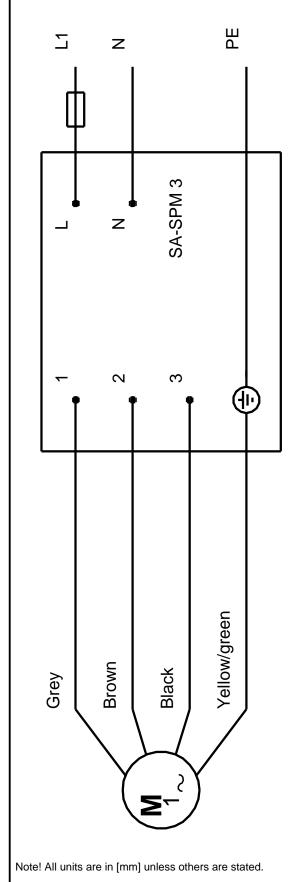


Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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