Company name:
Created by:
Phone:

Date: 16/10/2017

Position	Qty.	Description
	1	**SP 2A-33**

Note! Product picture may differ from actual product

Product No.: 09002E33

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:

Speed for pump data:	2900 rpm
Rated flow:	2 m³/h
Rated head:	131 m
Shaft seal for motor:	LIPSEAL
Curve tolerance:	ISO9906:2012 3B

Materials:

Pump:	Stainless steel EN 1.4301
Impeller:	Stainless steel EN 1.4301
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
Type of motor:	CSCR
Rated power - P2:	1.5 kW

Company name:
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Position	Qty.	Description
		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): B Built-in temp. transmitter: no **Others:** Minimum efficiency index, MEI ≥: 0.70 ErP status: EuP Standalone/Prod. Net weight: 19.8 kg Gross weight: 21.6 kg Shipping volume: 16 m³

Company name:
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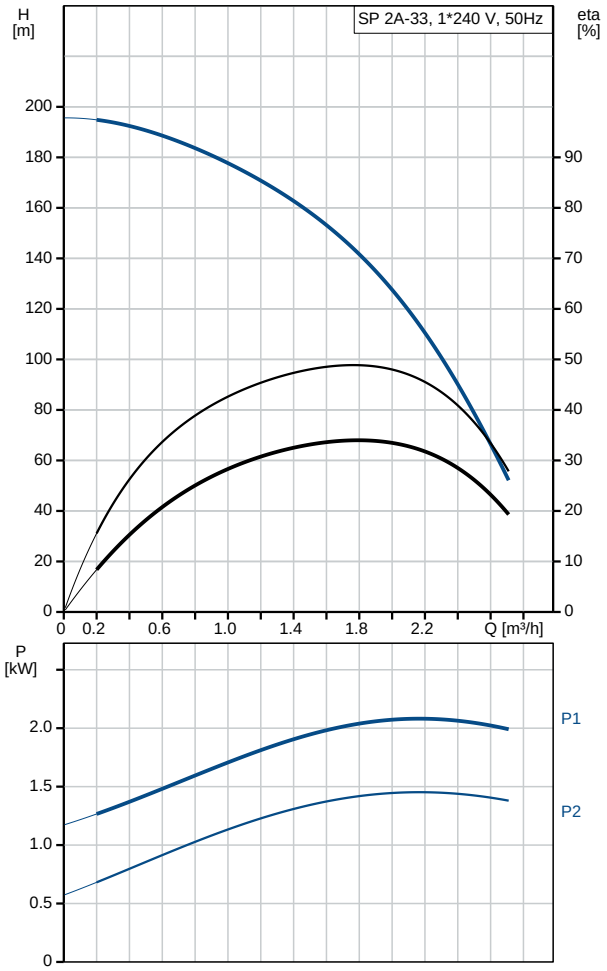
Date: 16/10/2017

Description	Value
General information:	
Product name:	SP 2A-33
Product No:	09002E33
EAN number:	5700391122361
Technical:	
Speed for pump data:	2900 rpm
Rated flow:	2 m³/h
Rated head:	131 m
Shaft seal for motor:	LIPSEAL
Curve tolerance:	ISO9906:2012 3B
Pump type:	SP2A
Stages:	33
Model:	A
Valve:	pump with built-in non-return valve
Materials:	
Pump:	Stainless steel
	EN 1.4301
Impeller:	Stainless steel
	EN 1.4301
Motor:	Stainless steel
	DIN W.-Nr. 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:	NEMA
Rated power - P2:	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):	B
Motor protec:	NONE
Thermal protec:	external
Built-in temp. transmitter:	no
Motor No:	79243106
Others:	
Minimum efficiency index, MEI ≥:	0.70
ErP status:	EuP Standalone/Prod.



Company name:
Created by:
Phone:

Date: 16/10/2017

Description	Value
Net weight:	19.8 kg
Gross weight:	21.6 kg
Shipping volume:	16 m³