

**Qty. Description**

1 SP 17-5



Note! Product picture may differ from actual product

Product No.: [12A01905](#)

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  
 Maximum liquid temperature: 40 °C  
 Max liquid t at 0.15 m/sec: 40 °C  
 Selected liquid temperature: 20 °C  
 Density at selected liquid temperature: 998.2 kg/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 2900 rpm  
 Rated flow: 17 m<sup>3</sup>/h  
 Rated head: 40 m  
 Shaft seal for motor: HM/CER  
 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 1/2  
 Motor diameter: 4 inch

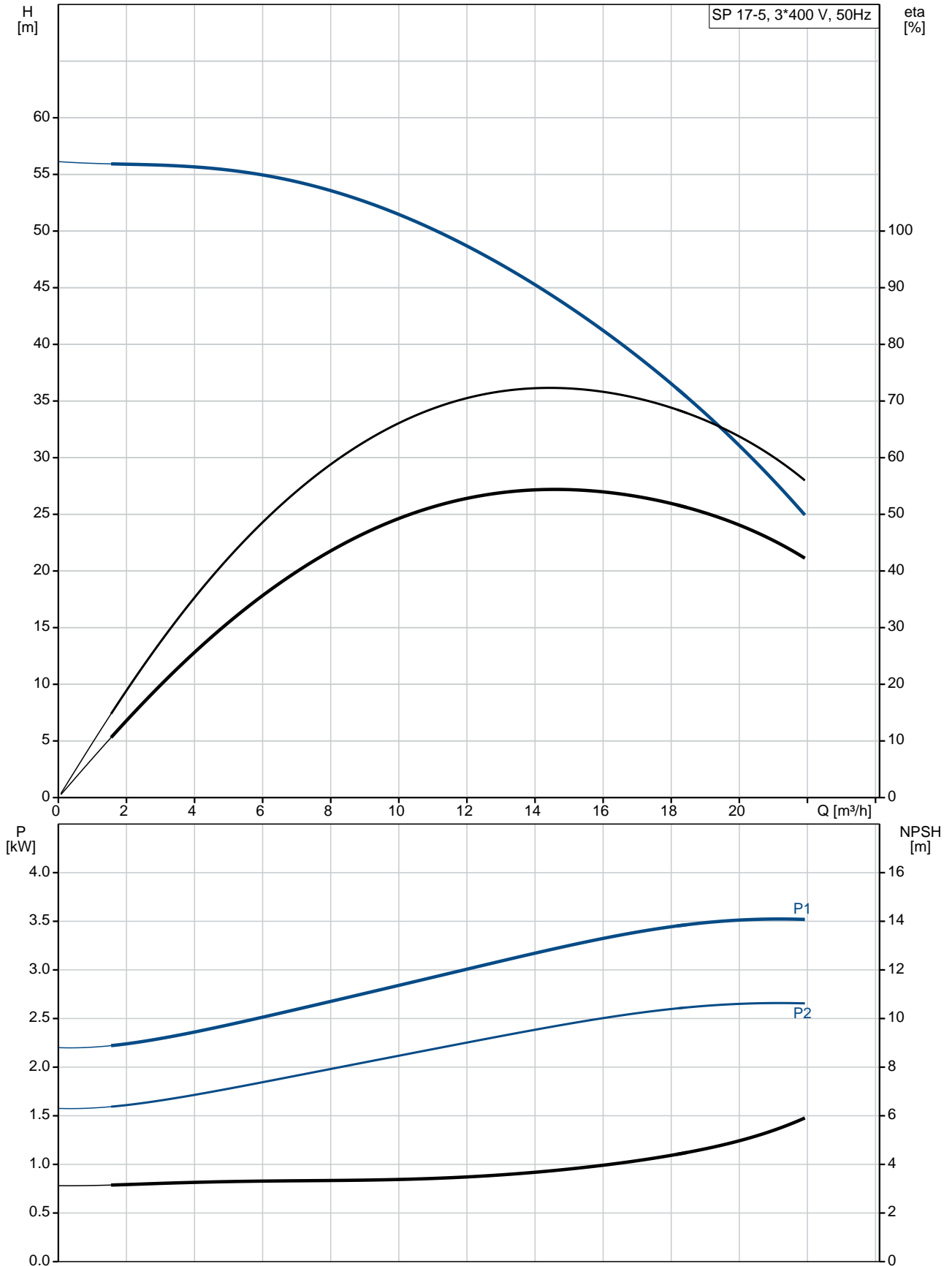
**Qty. Description****Electrical data:**

Motor type: MS4000  
Rated power - P2: 3 kW  
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

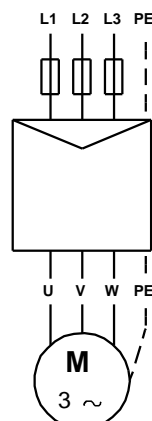
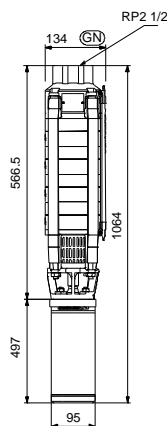
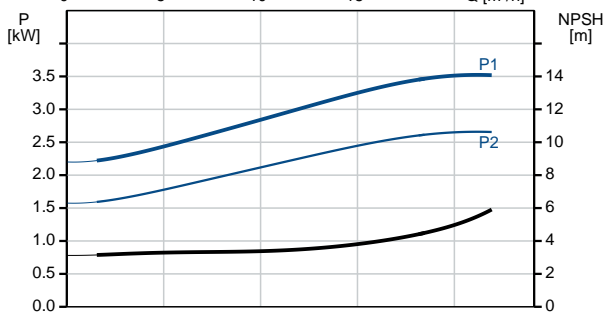
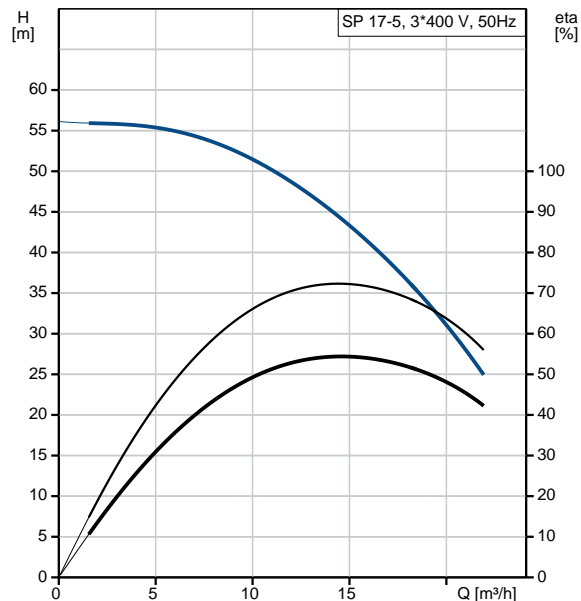
**Others:**

Minimum efficiency index, MEI : 0.70  
ErP status: EuP Standalone/Prod.  
Net weight: 28.7 kg  
Gross weight: 33.1 kg  
Shipping volume: 0.052 m<sup>3</sup>  
Danish VVS No.: 388336050

## 12A01905 SP 17-5 50 Hz



Description	Value
<b>General information:</b>	
Product name:	SP 17-5
Product No:	12A01905
EAN number:	5700391130991
	5700391130991
<b>Technical:</b>	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	17 m <sup>3</sup> /h
Rated head:	40 m
Stages:	5
Impeller reduc.:	NONE
Shaft seal for motor:	HM/CER
Approvals on nameplate:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Model:	B
Valve:	YES
Motor version:	T40
<b>Materials:</b>	
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
<b>Installation:</b>	
Pump outlet:	RP2 1/2
Motor diameter:	4 inch
<b>Liquid:</b>	
Pumped liquid:	Water
Maximum liquid temperature:	40 °C
Max liquid t at 0.15 m/sec:	40 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	MS4000
Applic. motor:	GRUNDFOS
Rated power - P2:	3 kW
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
Motor protec:	NONE
Thermal protec:	external
Built-in temp. transmitter:	no
Motor No:	79194508
<b>Others:</b>	
Minimum efficiency index, MEI :	0.70
ErP status:	EuP Standalone/Prod.





Company name:

Created by:

Phone:

Date:

15/11/2019

Description	Value
Net weight:	28.7 kg
Gross weight:	33.1 kg
Shipping volume:	0.052 m <sup>3</sup>
Danish VVS No.:	388336050