

Qty.	Description
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1	SP 5A-5
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Note! Product picture may differ from actual product

Product No.: On request

Pump without motor

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.

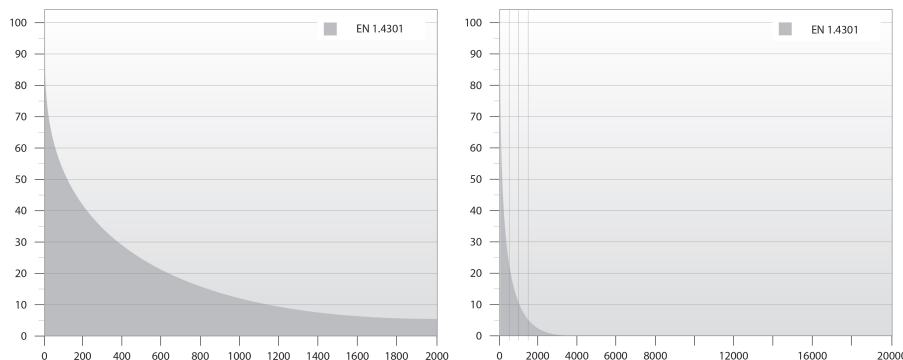
### Further product details

The pump is suitable for applications similar to the following:

- raw-water supply
- irrigation
- groundwater lowering
- pressure boosting
- fountain applications.

### Pump

All pump surfaces that are in contact with pumped liquids are made in stainless steel which makes them corrosion- and wear-resistant. The corrosion diagram below shows the capabilities of the pump and motor in relation to the temperature in Celsius (y-axis) and the concentration of chloride in ppm (x-axis).



The elastomer parts in the pump are made of NBR (Nitrile-Butadiene Rubber) and TPU (Thermoplastic Poly-Urethane) which offers good wear resistance and long service intervals.

The suction interconnector is fitted with a strainer to prevent large particles from entering the pump. The suction interconnector is designed to comply with NEMA standards for motor mounting/dimensions.

### Motor

Liquid:

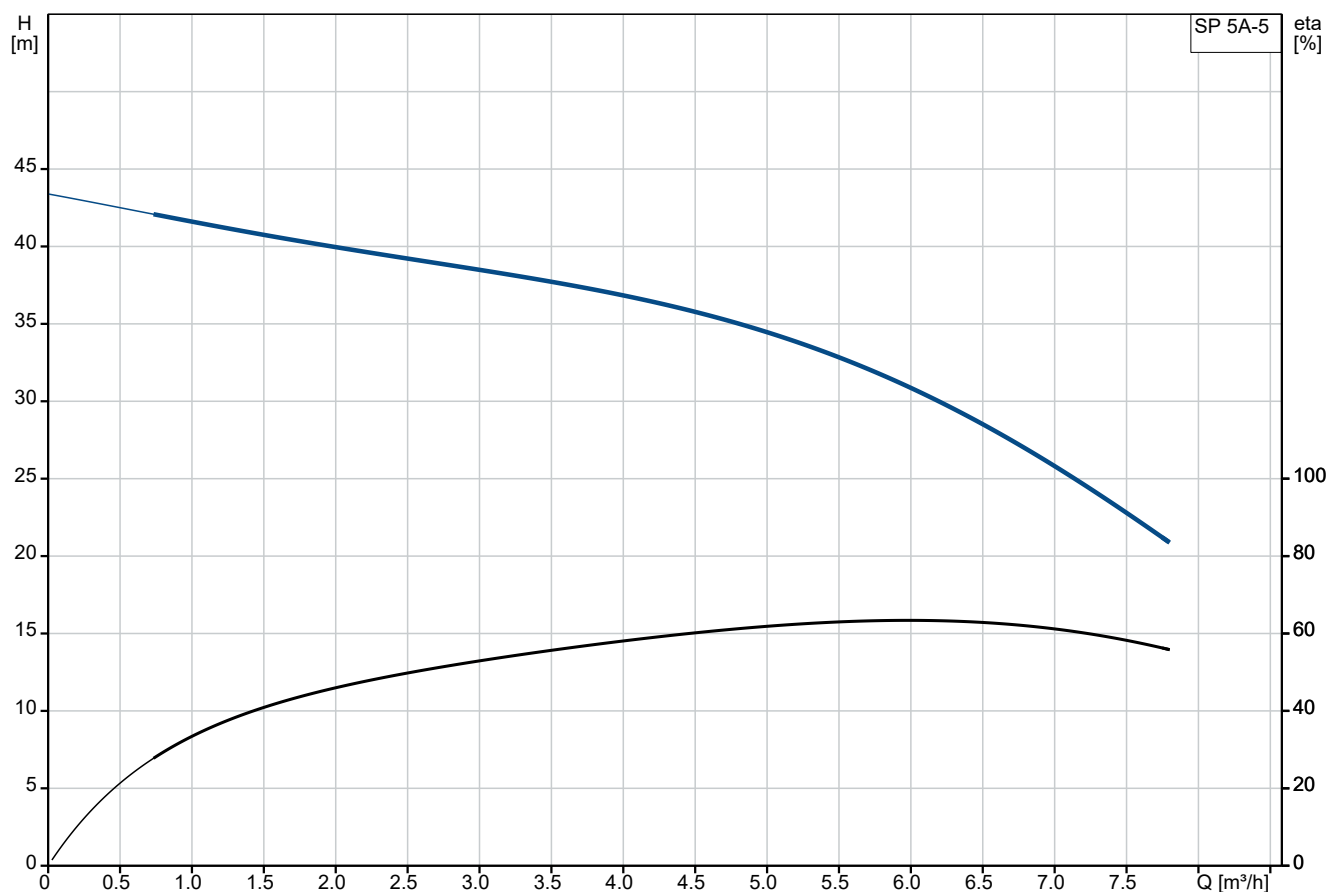
Pumped liquid: Water

Liquid temperature range: -15 .. 60 °C

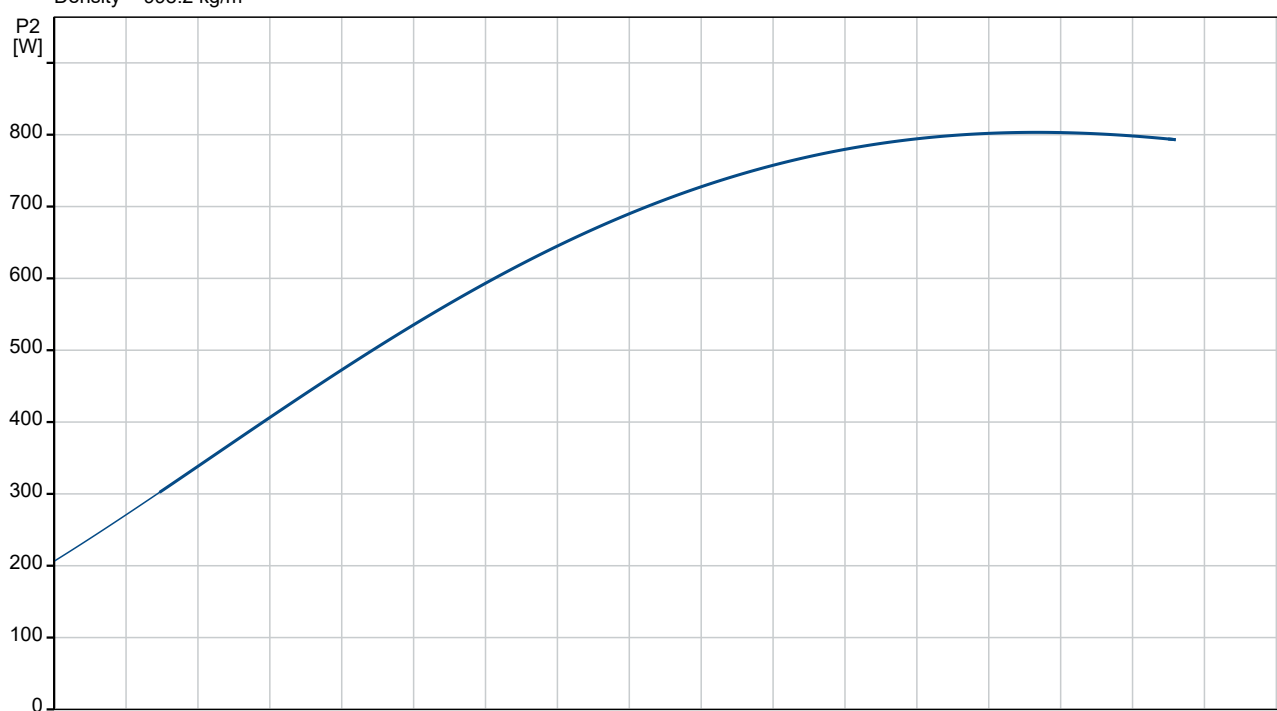
Selected liquid temperature: 20 °C

Qty.	Description
1	<p>Density: 998.2 kg/m<sup>3</sup></p> <p>Technical:</p> <p>Pump speed on which pump data are based: 3450 rpm</p> <p>Rated flow: 6 m<sup>3</sup>/h</p> <p>Rated head: 29 m</p> <p>Approvals: CE,EAC,UKCA,SEPRO,MOROCCO</p> <p>Approvals for drinking water: ACS,DM174</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Return valve: YES</p> <p>Specification for shaft end: SPLINE</p> <p>Materials:</p> <p>Pump: Stainless steel EN 1.4301 AISI 304</p> <p>Impeller: Stainless steel EN 1.4301 AISI 304</p> <p>Installation:</p> <p>Maximum operating pressure: 15 bar</p> <p>Maximum outlet pressure: 3.3 bar</p> <p>Type of connection: NPT(F)</p> <p>Size of connection: 1 1/2 inch</p> <p>Motor diameter: 4 inch</p> <p>Minimum borehole diameter: 105 mm</p> <p>Electrical data:</p> <p>Motor flange design: Grundfos</p> <p>Power (P2) required by pump: 0.55 kW</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.50</p> <p>Net weight: 2.6 kg</p> <p>Gross weight: 3.8 kg</p> <p>Shipping volume: 0.011 m<sup>3</sup></p>

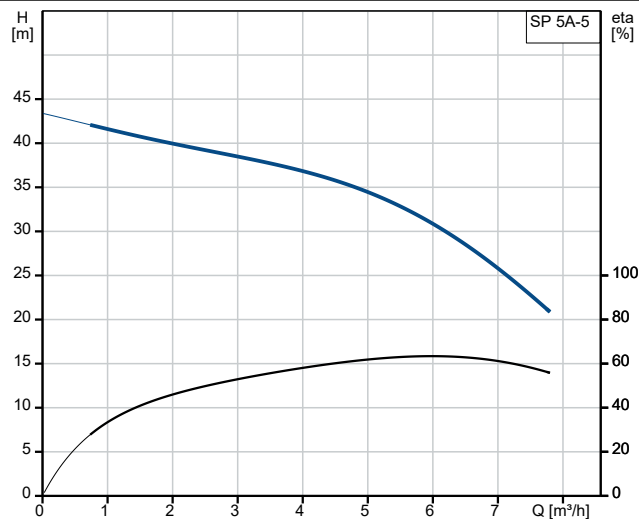
## On request SP 5A-5 60 Hz



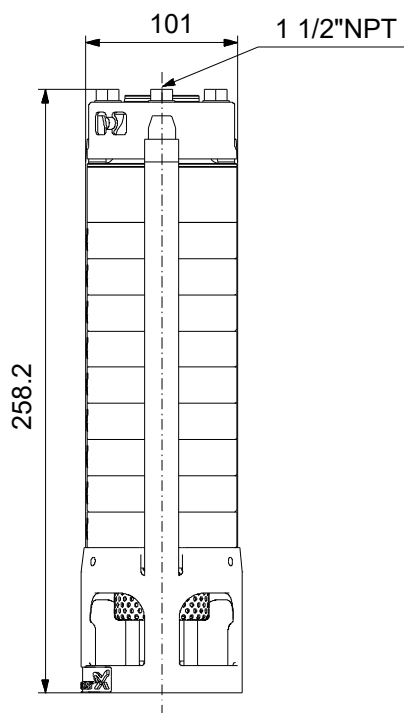
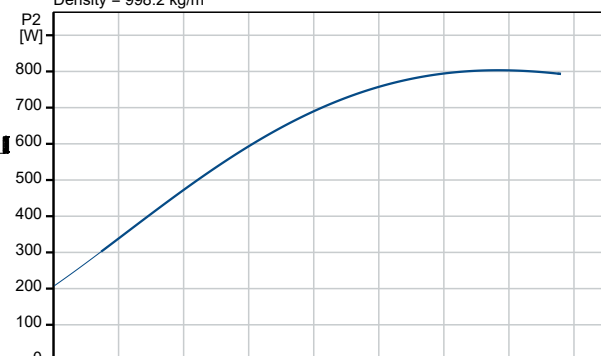
Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



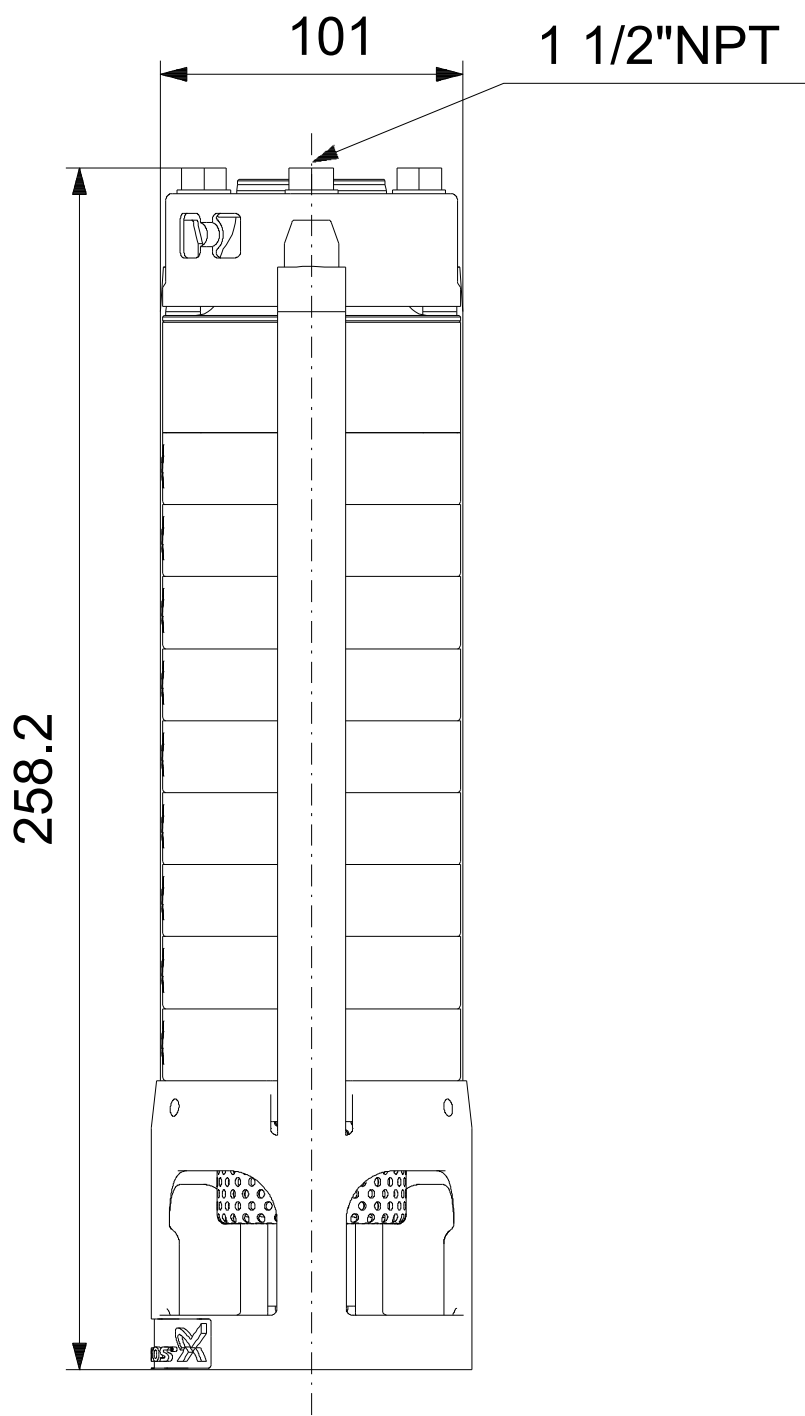
Description	Value
<b>General information:</b>	
Product name:	SP 5A-5
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	3450 rpm
Rated flow:	6 m³/h
Rated head:	29 m
Stages:	5
Number of reduced-diameter impellers:	NONE
Approvals:	CE,EAC,UKCA,SEPRO,MOR OCCO
Approvals for drinking water:	ACS,DM174
Curve tolerance:	ISO9906:2012 3B
Model:	A
Return valve:	YES
Specification for shaft end:	SPLINE
<b>Materials:</b>	
Pump:	Stainless steel
	EN 1.4301
	AISI 304
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
<b>Installation:</b>	
Maximum operating pressure:	15 bar
Maximum outlet pressure:	3.3 bar
Type of connection:	NPT(F)
Size of connection:	1 1/2 inch
Motor diameter:	4 inch
Minimum borehole diameter:	105 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-15 .. 60 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor flange design:	Grundfos
Power (P2) required by pump:	0.55 kW
<b>Others:</b>	
Minimum efficiency index, MEI ≥:	0.50
Net weight:	2.6 kg
Gross weight:	3.8 kg
Shipping volume:	0.011 m³



Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



## On request SP 5A-5 60 Hz



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

