

Qty.	Description
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1	SP 5A-17
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Note! Product picture may differ from actual product

Product No.: On request

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
Liquid temperature range:	-15 .. 40 °C
Max liquid t at 0.15 m/sec:	40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³

Technical:

Pump speed on which pump data are based:	2900 rpm
Rated flow:	5 m ³ /h
Rated head:	70 m
Shaft seal for motor:	LIPSEAL
Approvals:	CE,EAC,UKCA,SEPRO,MOROCCO
Approvals for drinking water:	ACS,DM174
Curve tolerance:	ISO9906:2012 3B
Motor version:	T40
Return valve:	YES
Specification for shaft end:	SPLINE

Materials:

Pump:	Stainless steel EN 1.4301 AISI 304
Impeller:	Stainless steel EN 1.4301 AISI 304
Motor:	Stainless steel



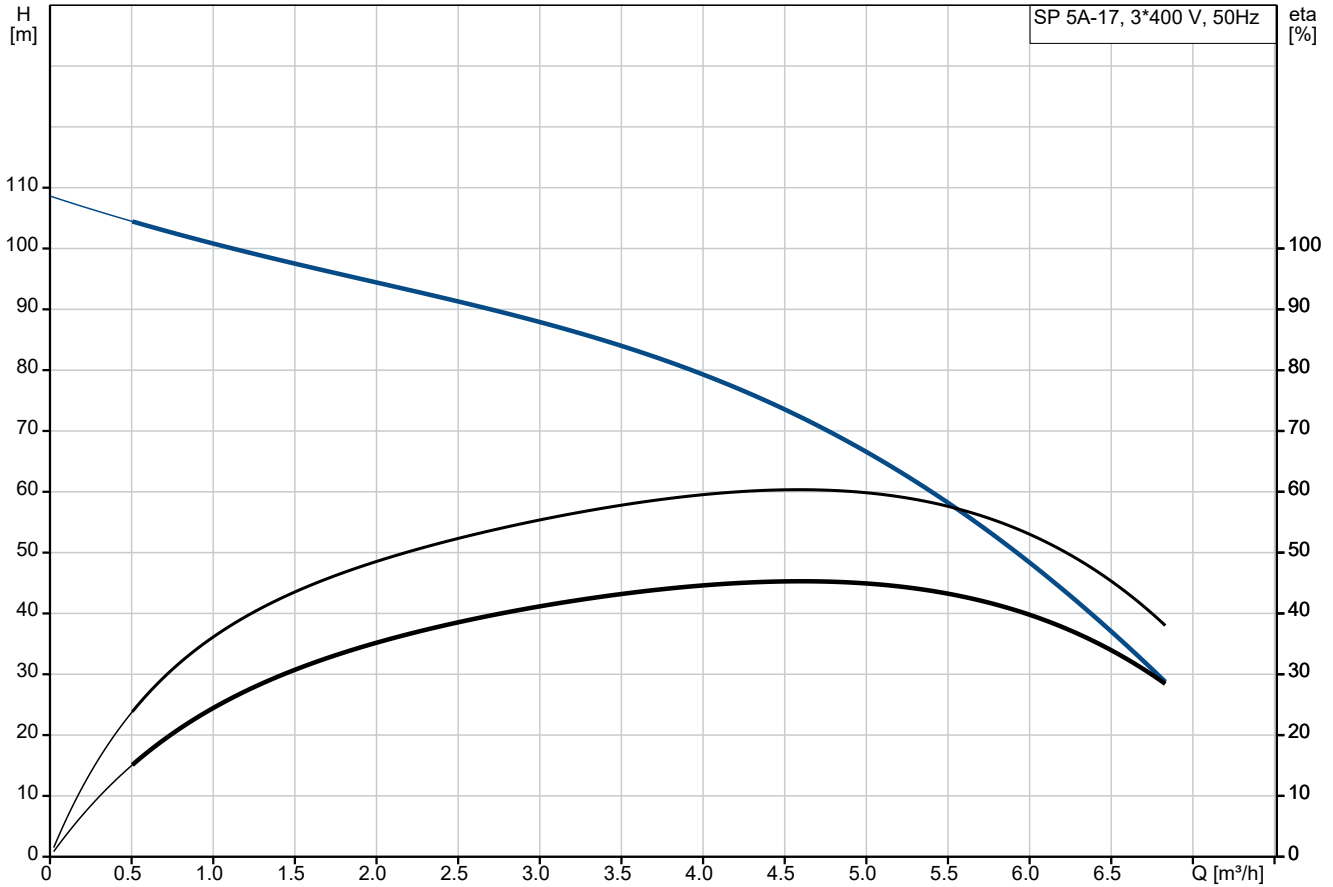
Company name: Peake International Development
Created by: John Peake
Phone: +1.682.521.2129
Email: john@johnpeake.dev
Date: 27/06/2026

Qty.	Description
1	DIN W.-Nr. 1.4301 Installation: Maximum ambient pressure: 15 bar Maximum operating pressure: 15 bar Maximum outlet pressure: 11.1 bar Type of connection: Rp Size of connection: 1 1/2 inch Motor diameter: 4 inch Minimum borehole diameter: 105 mm Electrical data: Motor type: MS402 Motor flange design: Grundfos Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 4.10-4.20-4.40 A Starting current: 490-500-500 % Cos phi - power factor: 0.80-0.75-0.70 Rated speed: 2850-2860-2870 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): B Built-in temp. transmitter: no Length of cable: 1.7 m Power cable type: FLAT Motor No: 79192006 Windings: Enamelled Others: Minimum efficiency index, MEI ≥: 0.50 Net weight: 16.9 kg Gross weight: 18.3 kg Shipping volume: 0.016 m ³ Danish VVS No.: 388315170 Swedish RSK No.: 5852972 Finnish LVI No.: 4762676 Norwegian NRF no.: 9040875 Environmental approvals: WEEE

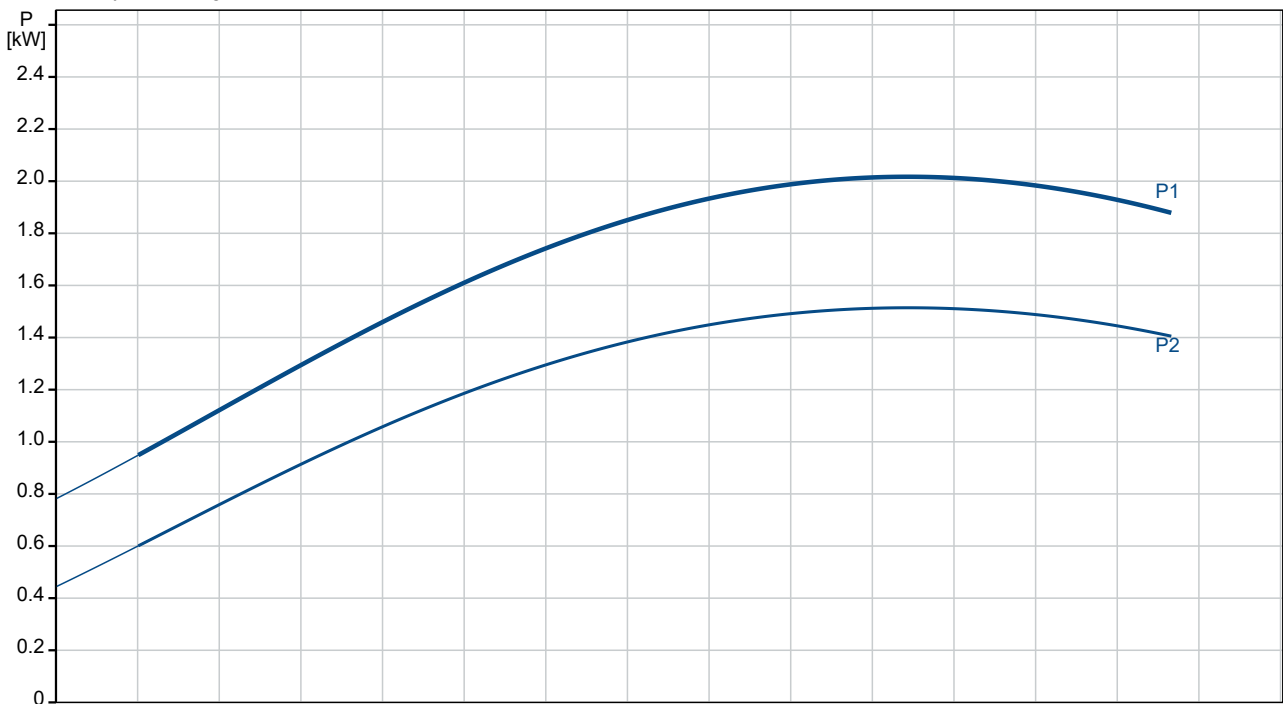


Company name: Peake International Development
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On request SP 5A-17 50 Hz



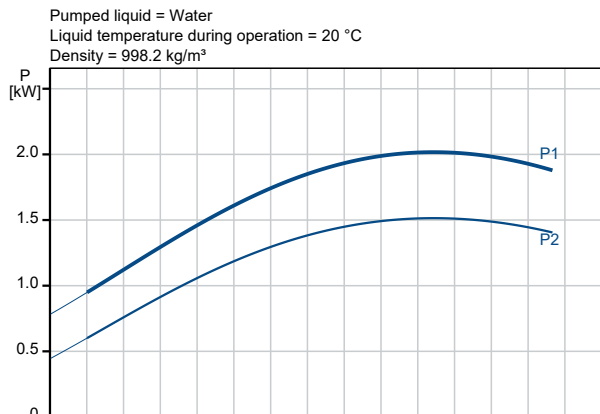
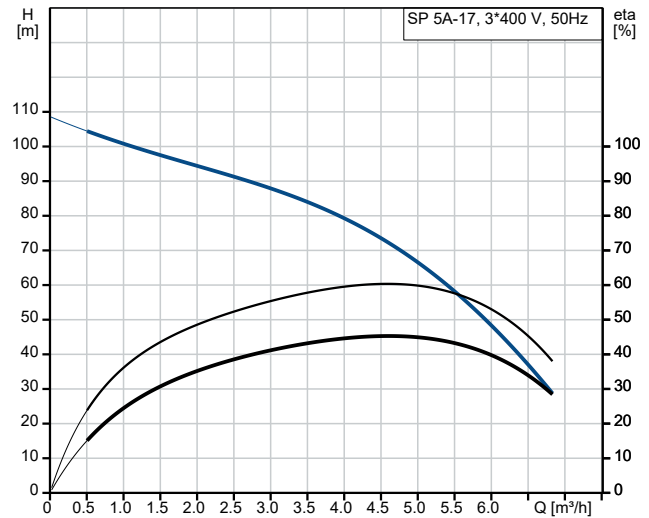
Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³





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Description	Value
General information:	
Product name:	SP 5A-17
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	5 m ³ /h
Rated head:	70 m
Stages:	17
Number of reduced-diameter impellers:	NONE
Shaft seal for motor:	LIPSEAL
Approvals:	CE,EAC,UKCA,SEPRO,MOR OCCO
Approvals for drinking water:	ACS,DM174
Curve tolerance:	ISO9906:2012 3B
Pump No:	05000017
Model:	A
Motor version:	T40
Return valve:	YES
Specification for shaft end:	SPLINE
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
Installation:	
Maximum ambient pressure:	15 bar
Maximum operating pressure:	15 bar
Maximum outlet pressure:	11.1 bar
Type of connection:	Rp
Size of connection:	1 1/2 inch
Motor diameter:	4 inch
Minimum borehole diameter:	105 mm
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-15 .. 40 °C
Max liquid t at 0.15 m/sec:	40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor type:	MS402
Motor flange design:	Grundfos
Rated power - P2:	1.5 kW
Power (P2) required by pump:	1.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-400-415 V
Rated current:	4.10-4.20-4.40 A
Starting current:	490-500-500 %
Cos phi - power factor:	0.80-0.75-0.70
Rated speed:	2850-2860-2870 rpm
Start. method:	direct-on-line

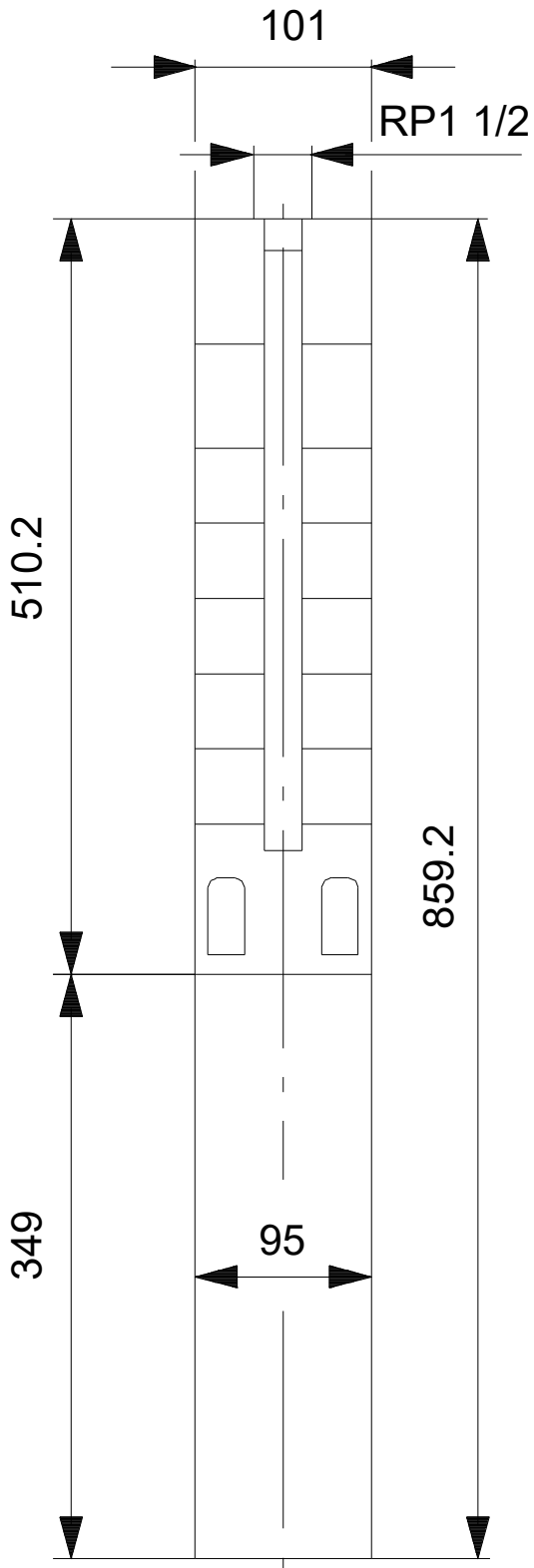




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Description	Value
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	B
Built-in motor protection:	NONE
Thermal protec:	external
Built-in temp. transmitter:	no
Length of cable:	1.7 m
Power cable type:	FLAT
Motor No:	79192006
Cable number:	795712
Windings:	Enamelled
Others:	
Minimum efficiency index, MEI ≥:	0.50
Net weight:	16.9 kg
Gross weight:	18.3 kg
Shipping volume:	0.016 m ³
Danish VVS No.:	388315170
Swedish RSK No.:	5852972
Finnish LVI No.:	4762676
Norwegian NRF no.:	9040875
Environmental approvals:	WEEE

On request SP 5A-17 50 Hz



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