

**Qty. Description**

1 SP 1A-9



Note! Product picture may differ from actual product

Product No.: [08001K09](#)

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 0.37 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  
 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: 1 m<sup>3</sup>/h  
 Rated head: 35 m  
 Shaft seal for motor: LIPSEAL  
 Approvals on nameplate: CE,EAC  
 Curve tolerance: ISO9906:2012 3B  
 Motor version: T40  
 Specification for shaft end: SPLINE

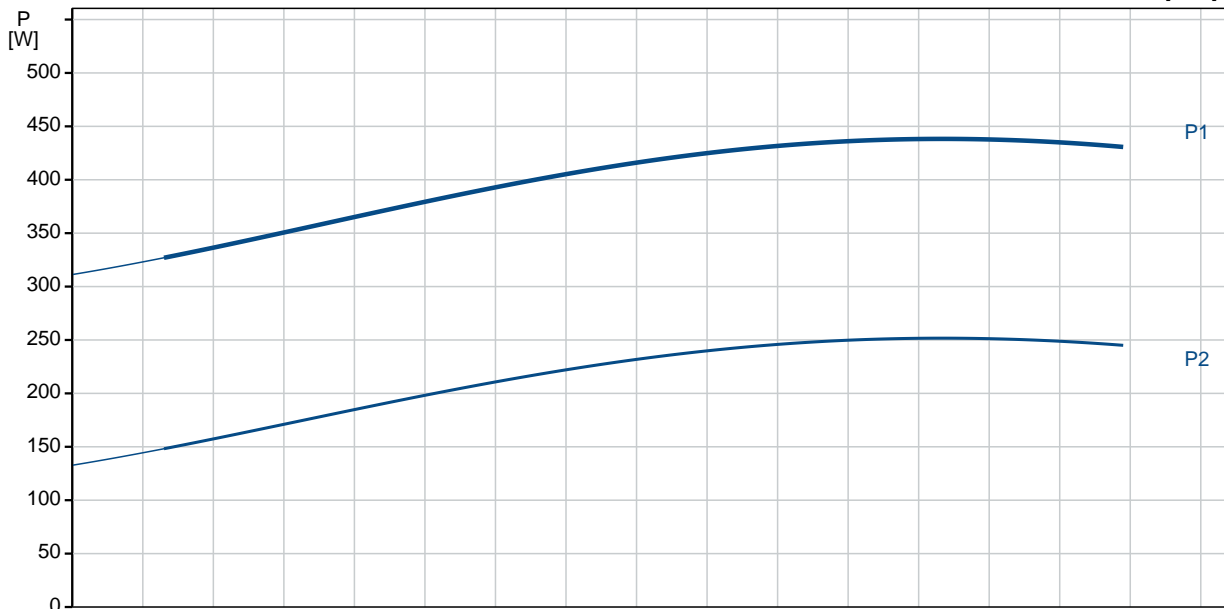
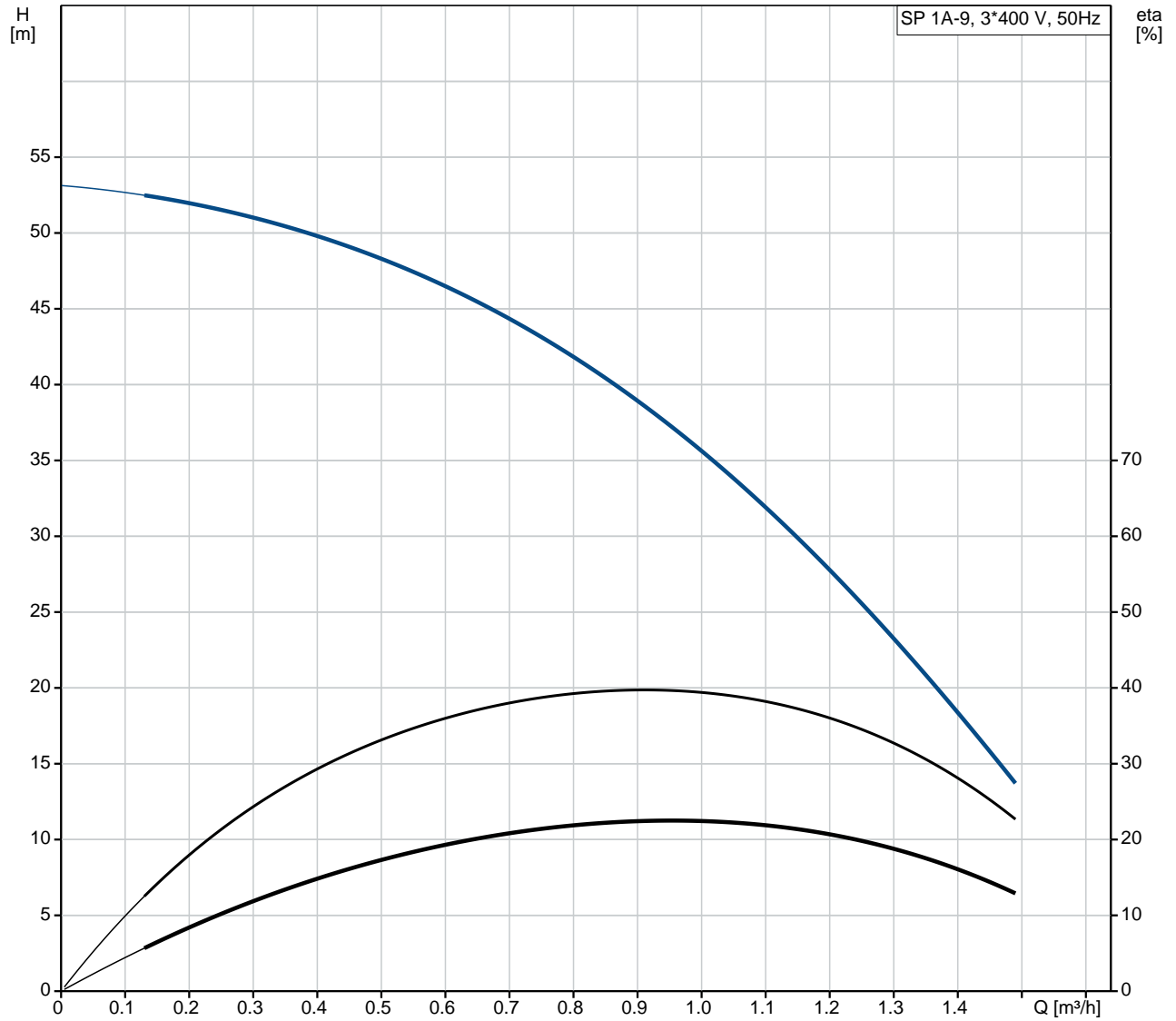
**Materials:**

Pump: Stainless steel  
 EN 1.4301  
 AISI 304  
 Impeller: Stainless steel  
 EN 1.4301  
 AISI 304  
 Motor: Stainless steel  
 DIN W.-Nr. 1.4301  
 AISI 304

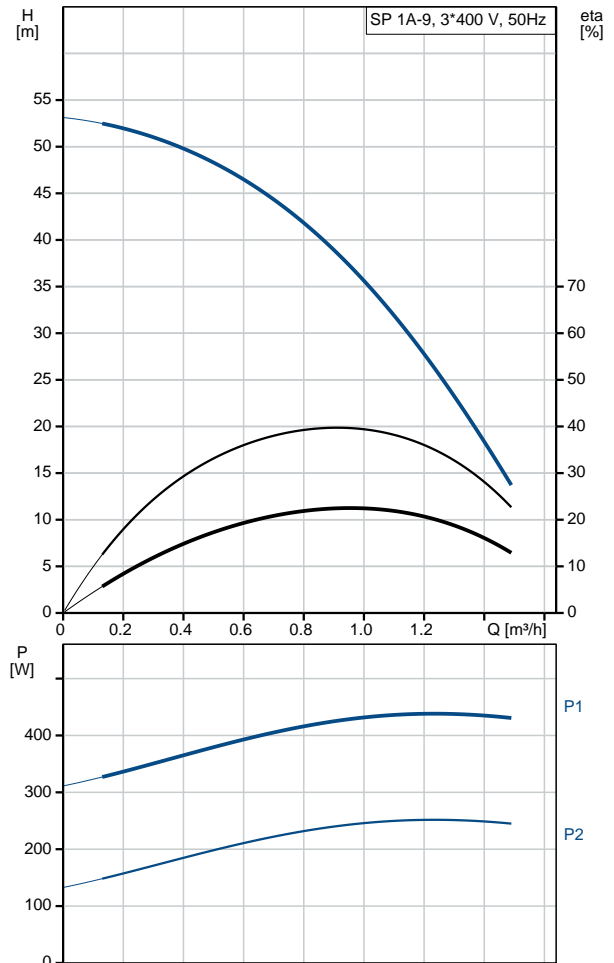
**Installation:**

Qty.	Description
	Pump outlet: Rp1 1/4 Motor diameter: 4 inch
	<b>Electrical data:</b>
	Motor type: MS402
	Rated power - P2: 0.37 kW
	Power (P2) required by pump: 0.37 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 380-400-415 V
	Rated current: 1.30-1.4-1.50 A
	Starting current: 400-390-380 %
	Cos phi - power factor: 0.70-0.64-0.60
	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
	Motor No: 79192002
	<b>Others:</b>
	Minimum efficiency index, MEI $\hat{\alpha}\%$ : 0.70
	ErP status: EuP Standalone/Prod.
	Net weight: 9.2 kg
	Gross weight: 10.5 kg
	Shipping volume: 10.8 m <sup>3</sup>
	Danish VVS No.: 388311090
	Swedish RSK No.: 5850285
	Norwegian NRF no.: 9040801

## 08001K09 SP 1A-9 50 Hz



Description	Value
<b>General information:</b>	
Product name:	SP 1A-9
Product No:	08001K09
EAN number:	5708601051197
<b>Technical:</b>	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	1 m <sup>3</sup> /h
Rated head:	35 m
Stages:	9
Impeller reduc.:	NONE
Shaft seal for motor:	LIPSEAL
Approvals on nameplate:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Model:	A
Valve:	YES
Motor version:	T40
Specification for shaft end:	SPLINE
<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:	Rp1 1/4
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:	MS402
Applic. motor:	GRUNDFOS
Rated power - P2:	0.37 kW
Power (P2) required by pump:	0.37 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-400-415 V
Rated current:	1.30-1.4-1.50 A
Starting current:	400-390-380 %
Cos phi - power factor:	0.70-0.64-0.60
Rated speed:	2850-2860-2870 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:	79192002
<b>Others:</b>	
Minimum efficiency index, MEI $\hat{a}\%_{\text{e}}\%$ :	0.70
ErP status:	EuP Standalone/Prod.





Company name:

Created by:

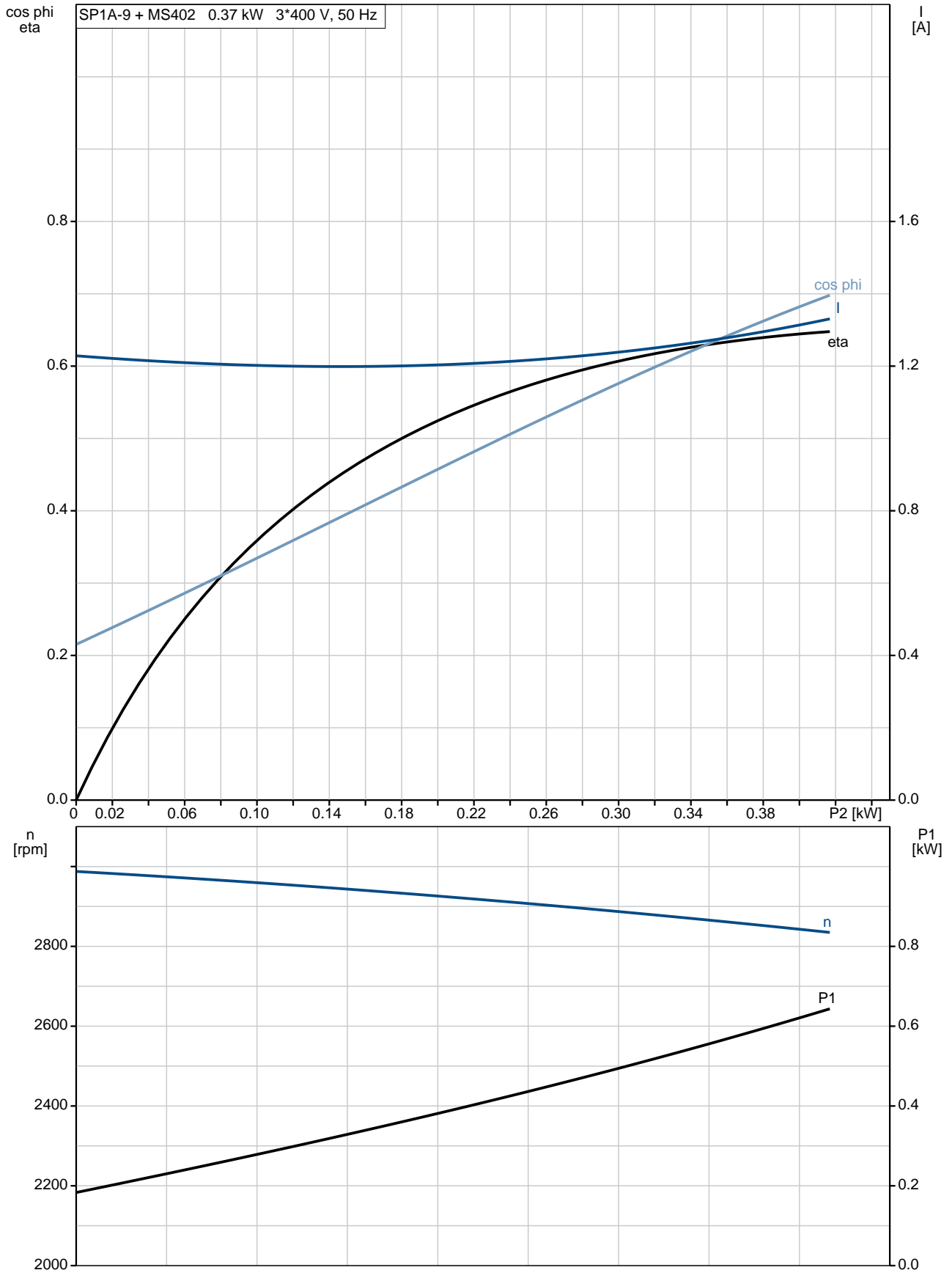
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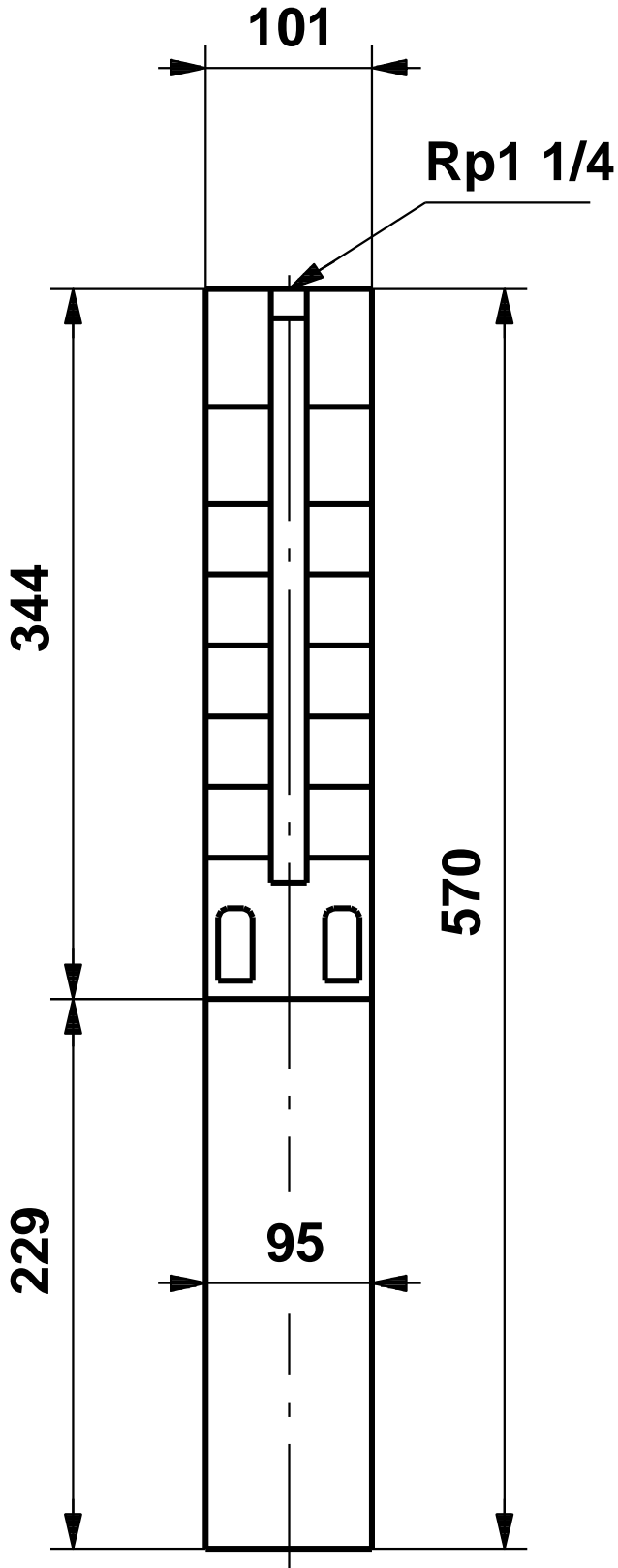
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Description	Value
Net weight:	9.2 kg
Gross weight:	10.5 kg
Shipping volume:	10.8 m <sup>3</sup>
Danish VVS No.:	388311090
Swedish RSK No.:	5850285
Norwegian NRF no.:	9040801

## 08001K09 SP 1A-9 50 Hz

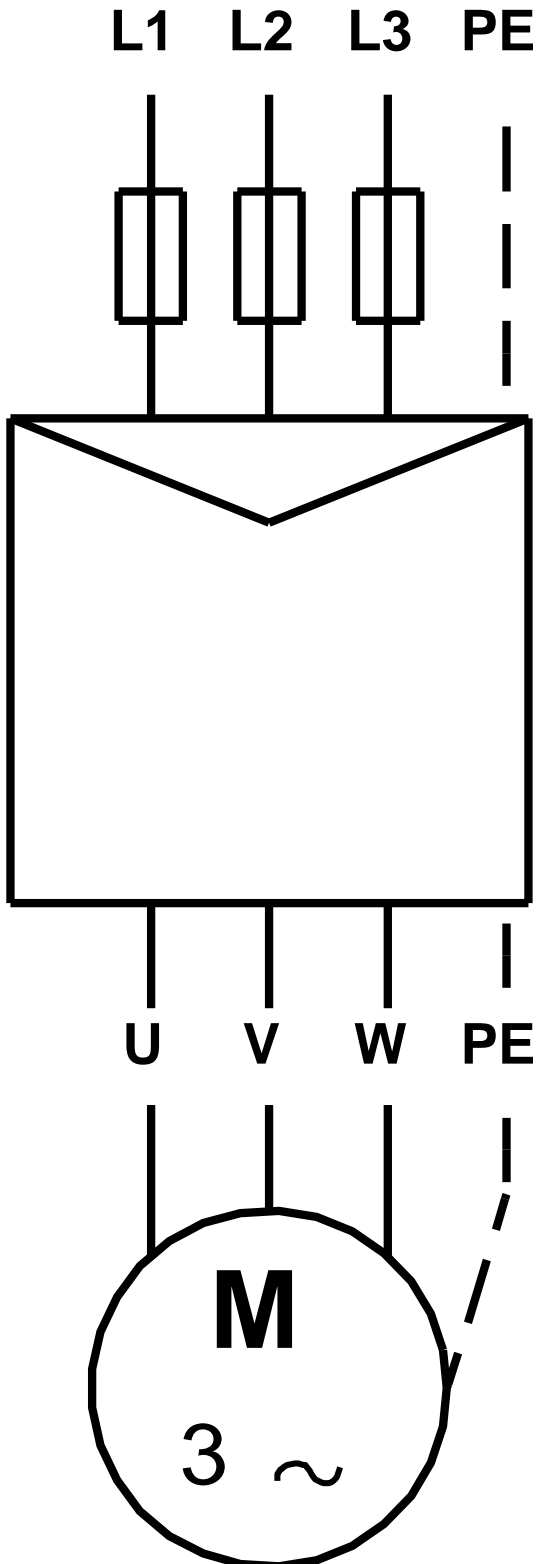


**08001K09 SP 1A-9 50 Hz**



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

**08001K09 SP 1A-9 50 Hz**



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