

Qty. Description

1 SP 7-12



Note! Product picture may differ from actual product

Product No.: [98699180](#)

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
 Selected liquid temperature: 20 °C
 Density at selected liquid temperature: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2900 rpm
 Rated flow: 7 m³/h
 Rated head: 54.7 m
 Shaft seal for motor: LIPSEAL
 Approvals on nameplate: CE,EAC
 Curve tolerance: ISO9906:2012 3B
 Motor version: T40

Materials:

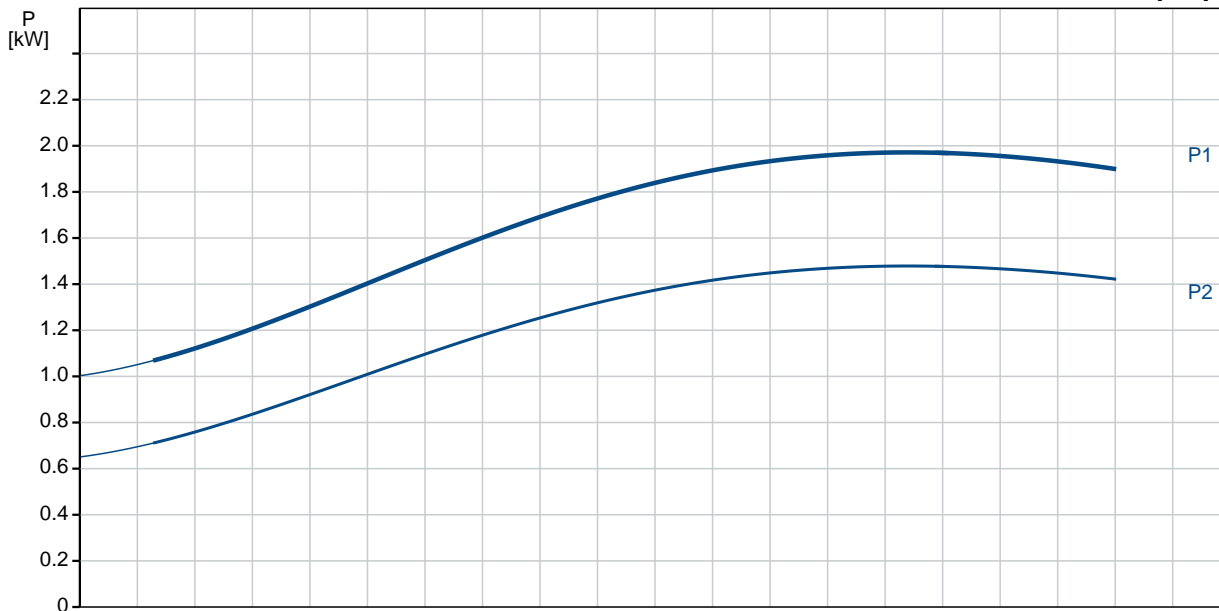
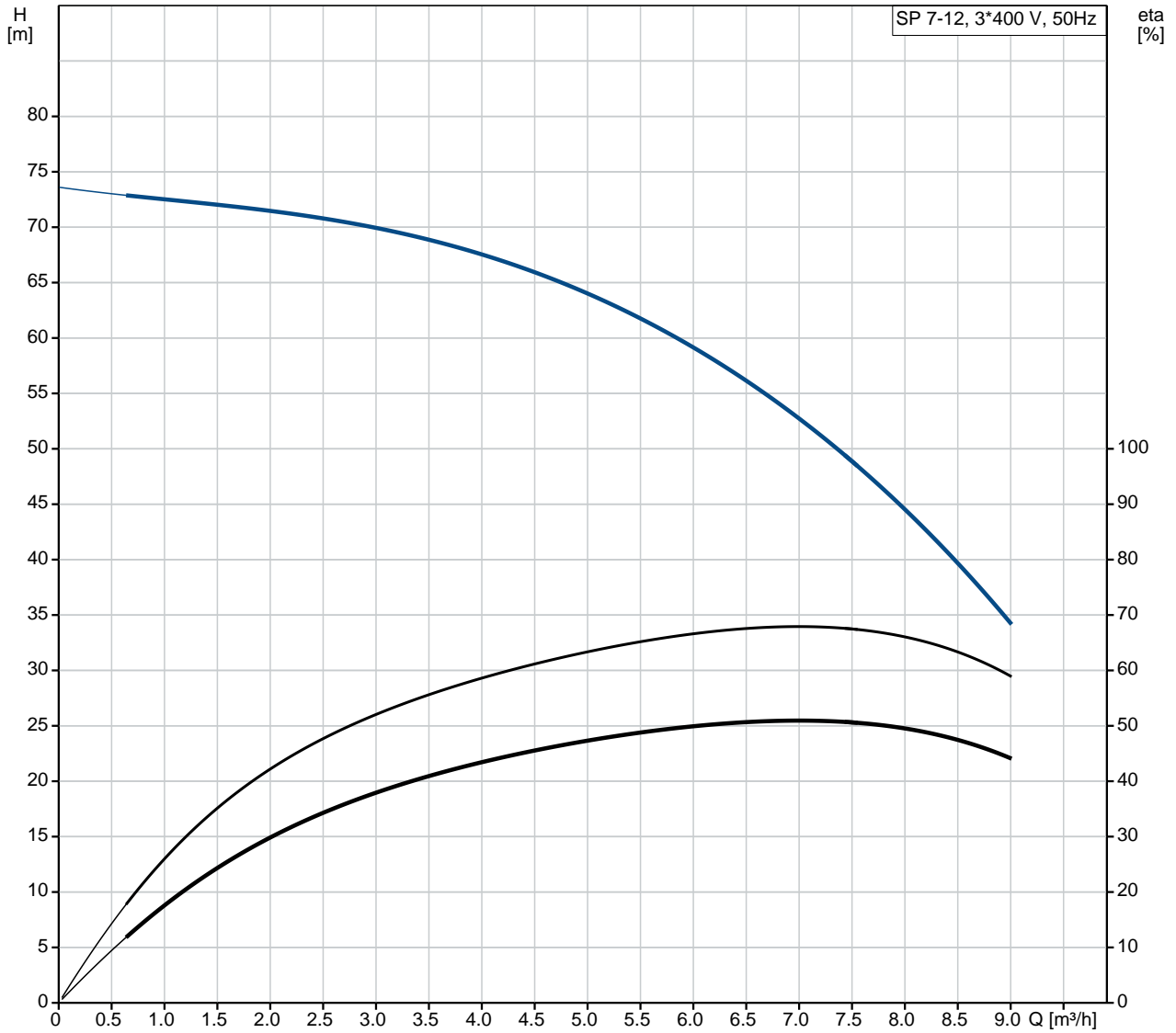
Pump: Stainless steel
 EN 1.4301
 AISI 304
 Impeller: Stainless steel
 EN 1.4301
 AISI 304
 Motor: Stainless steel
 DIN W.-Nr. 1.4301
 AISI 304

Installation:

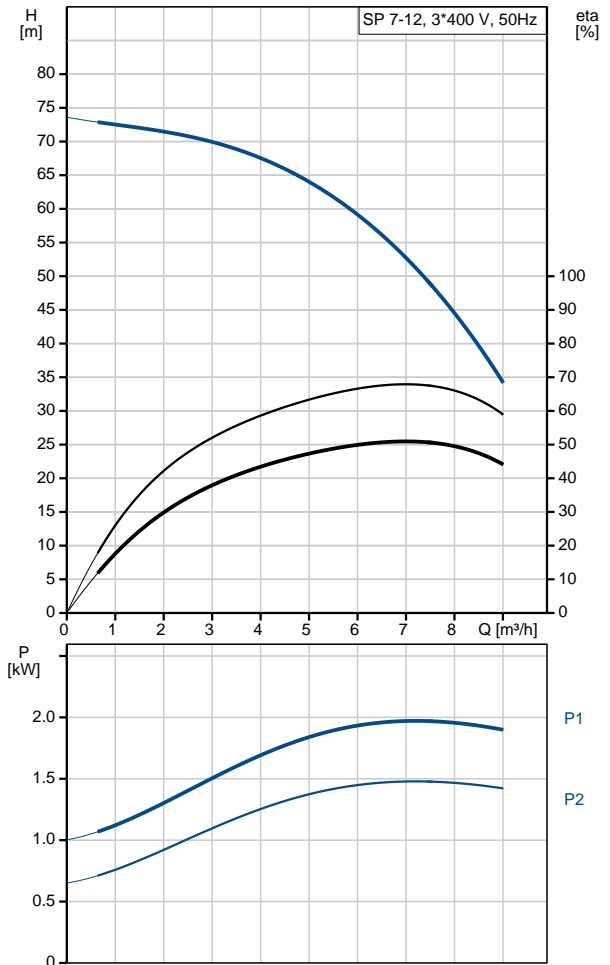
Pump outlet: RP1 1/2

Qty.	Description
	Motor diameter: 4 inch
	Electrical data:
	Motor type: MS402
	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
	Motor No: 79192006
	Others:
	Minimum efficiency index, MEI $\eta_{\%}$: 0.70
	ErP status: EuP Standalone/Prod.
	Net weight: 21.8 kg
	Gross weight: 24.3 kg
	Shipping volume: 0.021 m ³
	Danish VVS No.: 388461012

98699180 SP 7-12 50 Hz



Description	Value
General information:	
Product name:	SP 7-12
Product No:	98699180
EAN number:	5712600108431
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	7 m ³ /h
Rated head:	54.7 m
Stages:	12
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
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:	RP1 1/2
Motor diameter:	4 inch
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 ³
Electrical data:	
Motor type:	MS402
Applic. motor:	NEMA
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
Motor protec:	NONE
Thermal protec:	external
Built-in temp. transmitter:	no
Motor No:	79192006
Others:	
Minimum efficiency index, MEI η_{min} :	0.70
ErP status:	EuP Standalone/Prod.
Net weight:	21.8 kg





Company name:

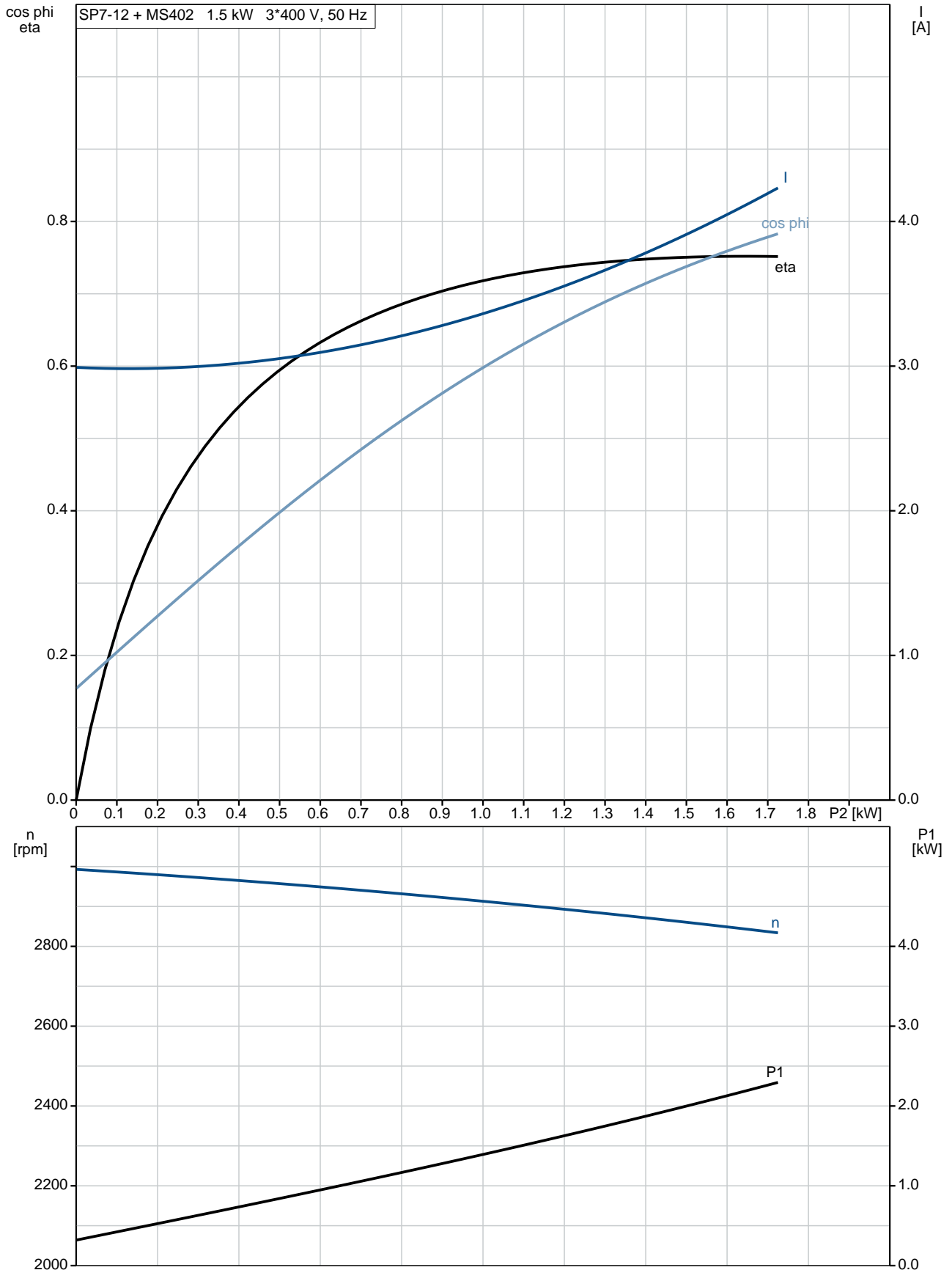
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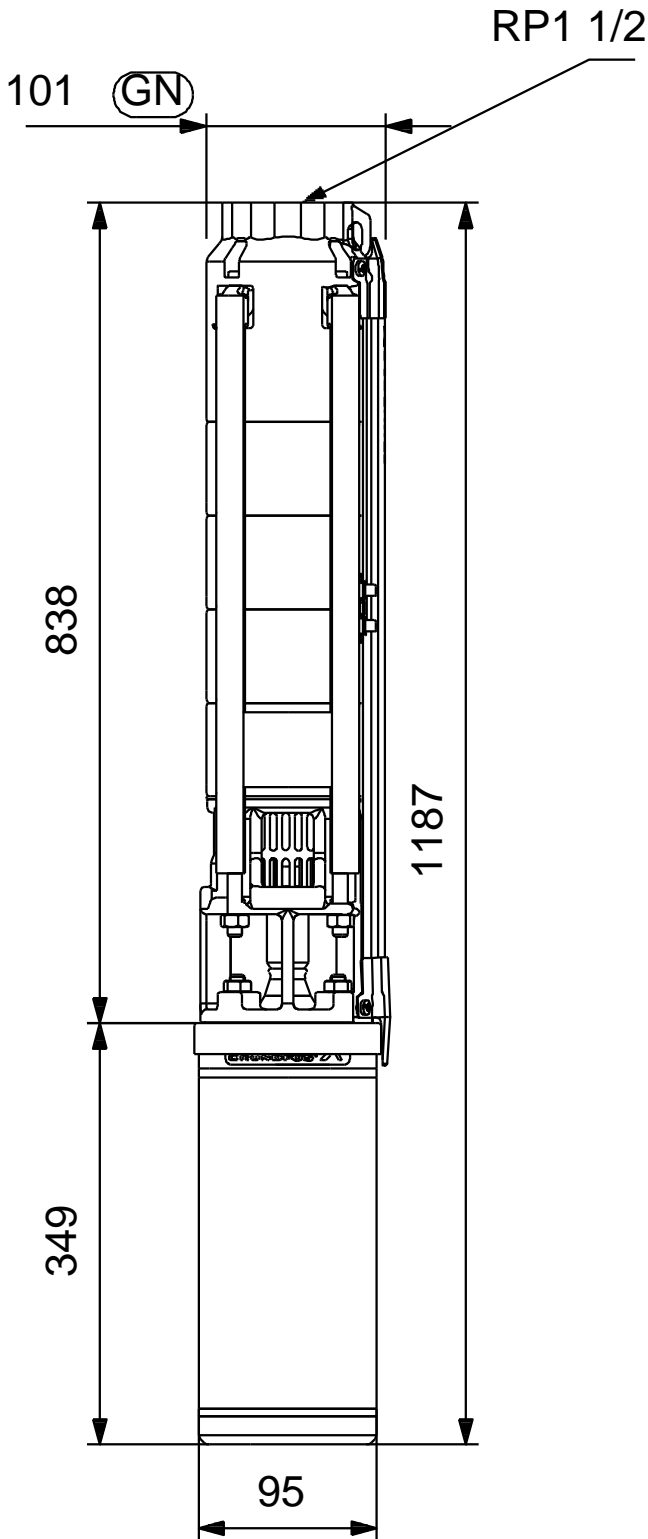
Date: 01/08/2019

Description	Value
Gross weight:	24.3 kg
Shipping volume:	0.021 m ³
Danish VVS No.:	388461012

98699180 SP 7-12 50 Hz

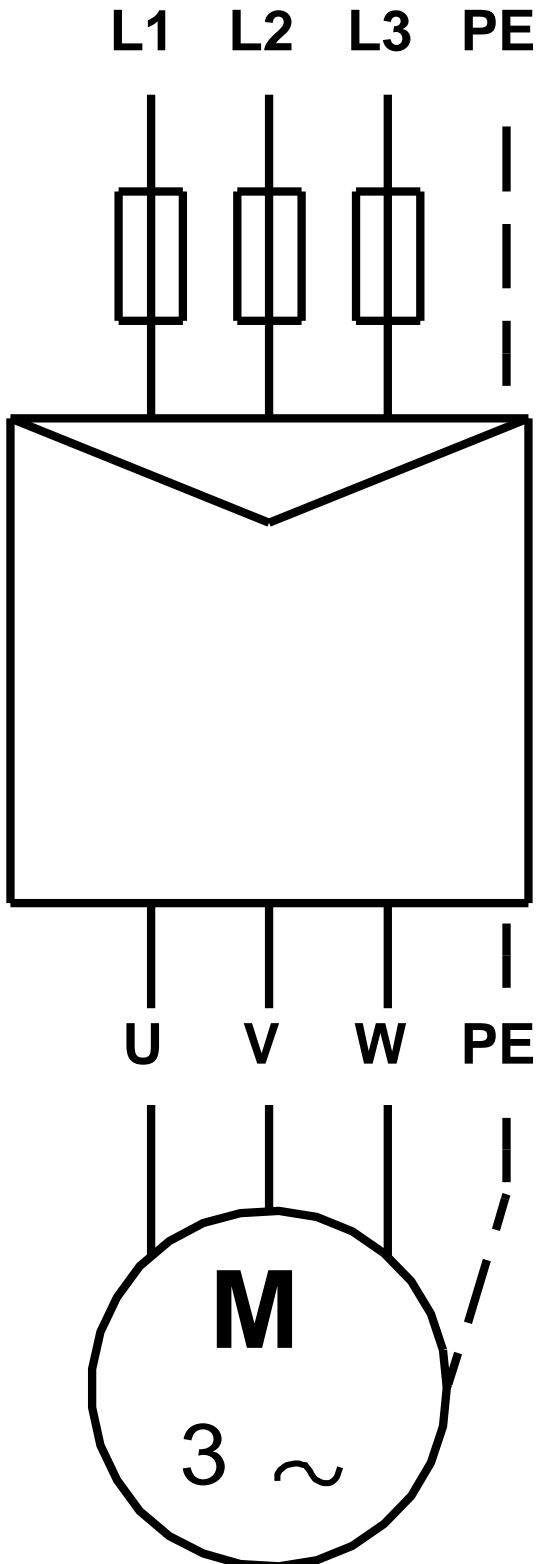


98699180 SP 7-12 50 Hz



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

98699180 SP 7-12 50 Hz



Note! All units are in [mm] unless others are stated.