

**Qty. Description**

1 UPS 40-180 F



*Note! Product picture may differ from actual product.*

Product No.: [96401977](#)

The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid.

In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.

The pump is characterized by:

Speed no: \* 3 speed motor.

- Ceramic radial bearings.
- Carbon axial bearing.
- Stainless steel rotor can, bearing plate and rotor cladding.
- Aluminium alloy stator housing.

Pump housing: \* Cast iron pump housing.  
• Stator with built-in thermal switch.

Phase: The motor is a 1-phase motor.

The pump is supplied with a standard module in the terminal box.

The standard module is to be connected to the mains supply via external contactor.

Controls:

Relay: without relay

Liquid:

Pumped liquid: Water

Liquid temperature range: -10 .. 120 °C

Selected liquid temperature: 60 °C

Density: 983.2 kg/m<sup>3</sup>

Technical:

Approvals on nameplate: AAA,EAC

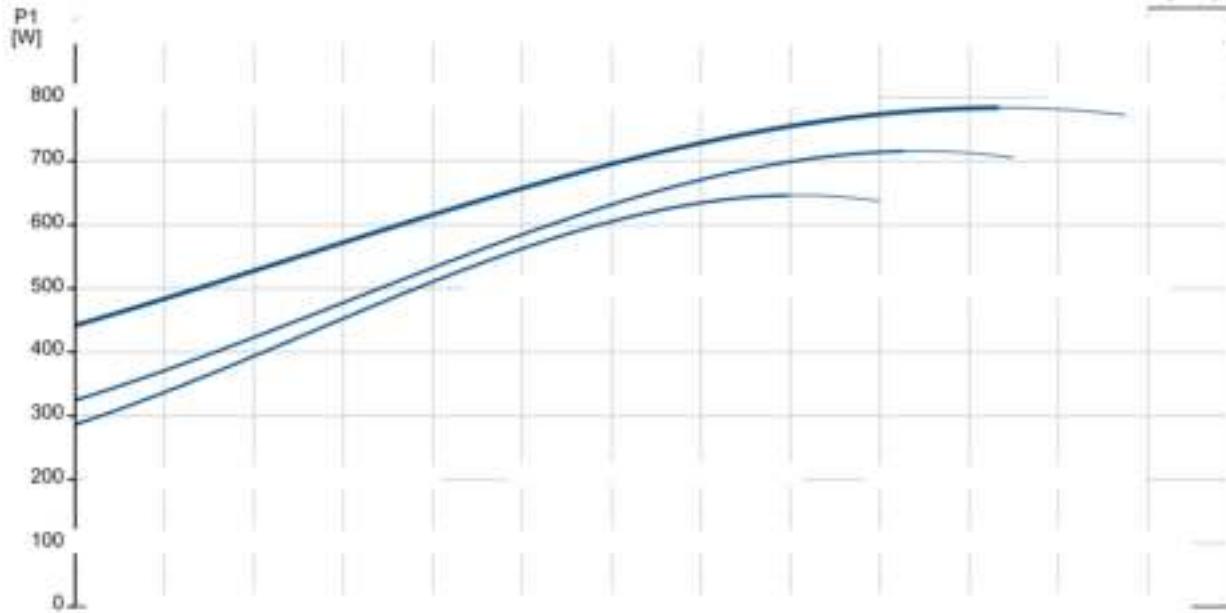
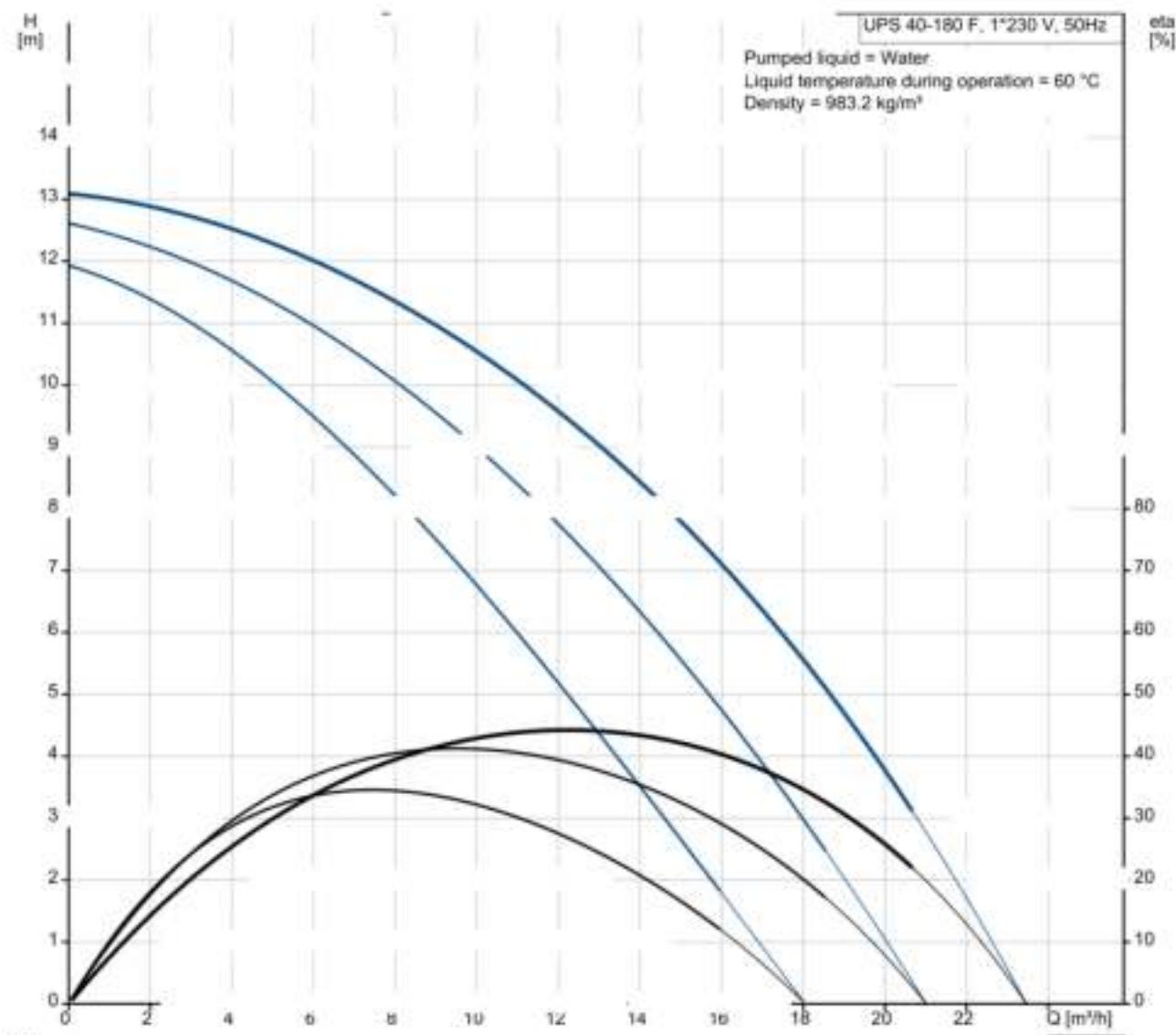
Materials:

Pump housing: Cast iron  
EN-JL1040  
ASTM 35 B - 40 B

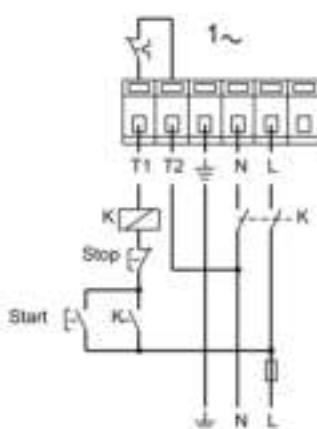
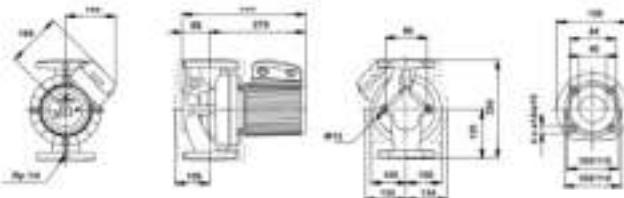
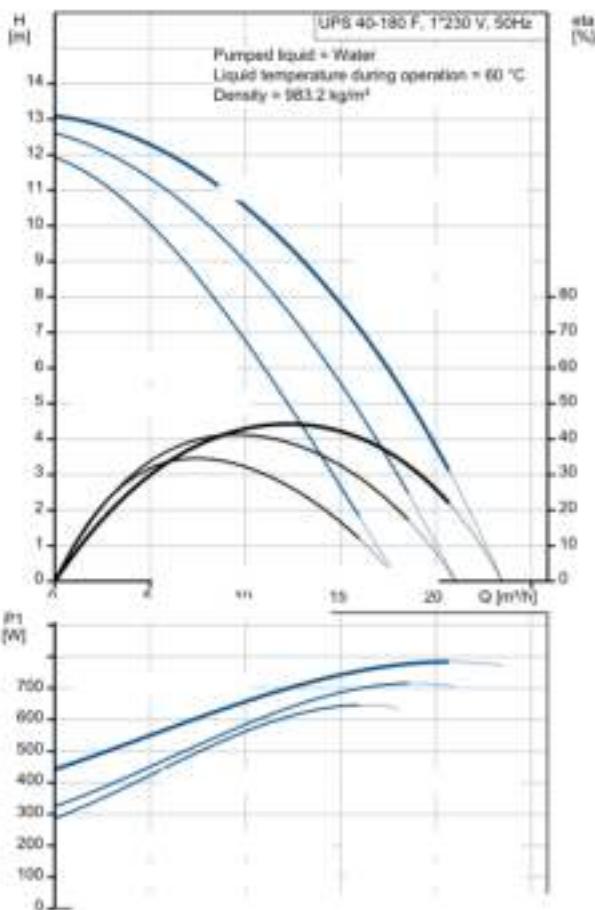
Impeller: Stainless steel  
DIN W.-Nr. 1.4301

Qty.	Description
	AISI 304
<b>Installation:</b>	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 40
Pressure rating:	PN 6 / PN 10
Port-to-port length:	250 mm
<b>Electrical data:</b>	
Power input in speed 1:	650 W
Power input in speed 2:	730 W
Max. power input:	790 W
Mains frequency:	50 Hz
Rated voltage:	1 x 230-240 V
Current in speed 1:	3.15 A
Current in speed 2:	3.5 A
Current in speed 3:	3.65 A
Cos phi in speed 1:	0.9
Cos phi in speed 2:	0.91
Cos phi:	0.94
Capacitor size - run:	25 µF/400 V
Insulation class (IEC 85):	H
Enclosure class (IEC 60529):	X4D
<b>Others:</b>	
Net weight:	22.6 kg
Gross weight:	25.3 kg
Shipping volume:	0.043 m <sup>3</sup>

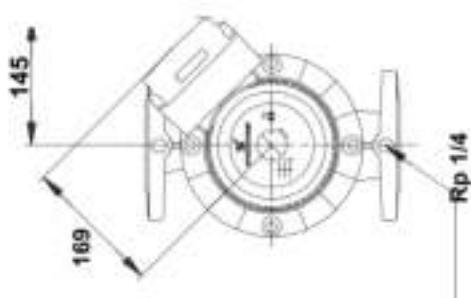
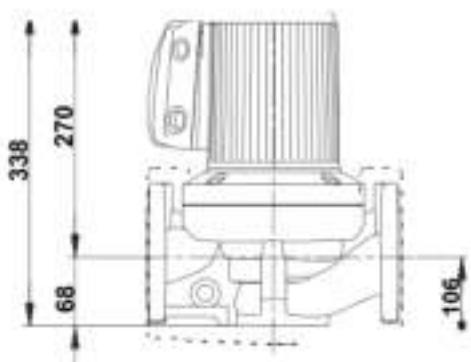
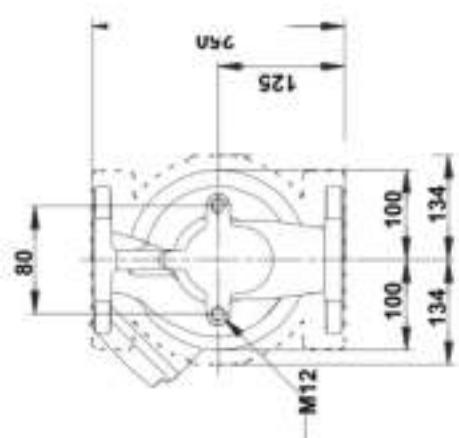
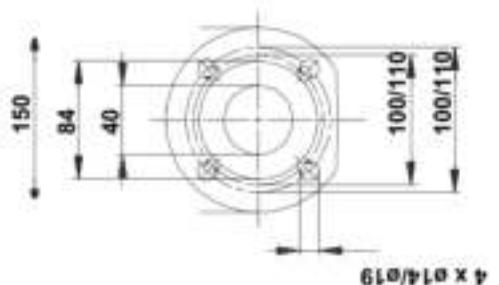
## 96401977 UPS 40-180 F 50 Hz



Description	Value
<b>General information:</b>	
Product name:	UPS 40-180 F
Product No:	96401977
EAN number:	5700390656188
Price:	
<b>Technical:</b>	
Speed no:	3
Head max:	180 dm
Approvals on nameplate:	AAA, EAC
<b>Materials:</b>	
Pump housing:	Cast iron
Pump housing:	EN-JL1040
Pump housing:	ASTM 35 B - 40 B
Impeller:	Stainless steel
Impeller:	DIN W.-Nr. 1.4301
Impeller:	AISI 304
<b>Installation:</b>	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 40
Pressure rating:	PN 6 / PN 10
Port-to-port length:	250 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 120 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Power input in speed 1:	650 W
Power input in speed 2:	730 W
Max. power input:	790 W
Mains frequency:	50 Hz
Rated voltage:	1 x 230-240 V
Current in speed 1:	3.15 A
Current in speed 2:	3.5 A
Current in speed 3:	3.65 A
Cos phi in speed 1:	0.9
Cos phi in speed 2:	0.91
Cos phi:	0.94
Capacitor size - run:	25 µF/400 V
Insulation class (IEC 85):	H
Enclosure class (IEC 60529):	X4D
Motor protec:	CONTACT
Thermal protec:	external
<b>Controls:</b>	
Relay:	without relay
Pos term box:	1.30H
<b>Others:</b>	
Net weight:	22.6 kg
Gross weight:	25.3 kg
Shipping volume:	0.043 m <sup>3</sup>

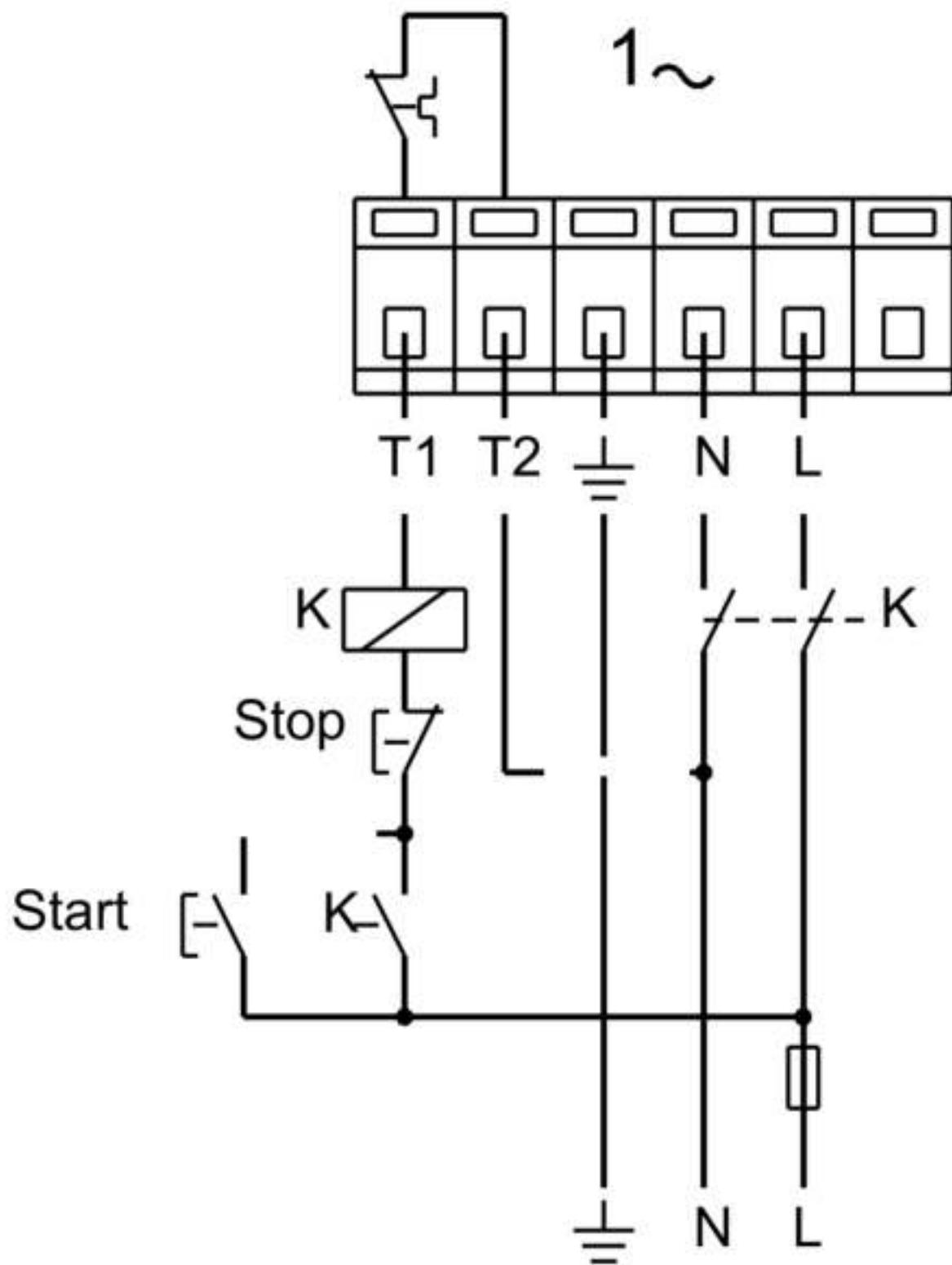


## 96401977 UPS 40-180 F 50 Hz



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

96401977 UPS 40-180 F 50 Hz



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**Qty. Description**

1 UPS 40-180 F



*Note! Product picture may differ from actual product.*

Product No.: **96401979**

The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid.

In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.

The pump is characterized by:

Speed no: \* 3 speed motor.

- Ceramic radial bearings.
- Carbon axial bearing.
- Stainless steel rotor can, bearing plate and rotor cladding.
- Aluminium alloy stator housing.

Pump housing: \* Cast iron pump housing.  
• Stator with built-in thermal switch.

Phase: The motor is a 3-phase motor.

The pump is supplied with a standard module in the terminal box.

The standard module is to be connected to the mains supply via external contactor.

Controls:

Relay: without relay

Liquid:

Pumped liquid: Water  
Liquid temperature range: -10 .. 120 °C  
Selected liquid temperature: 60 °C  
Density: 983.2 kg/m<sup>3</sup>

Technical:

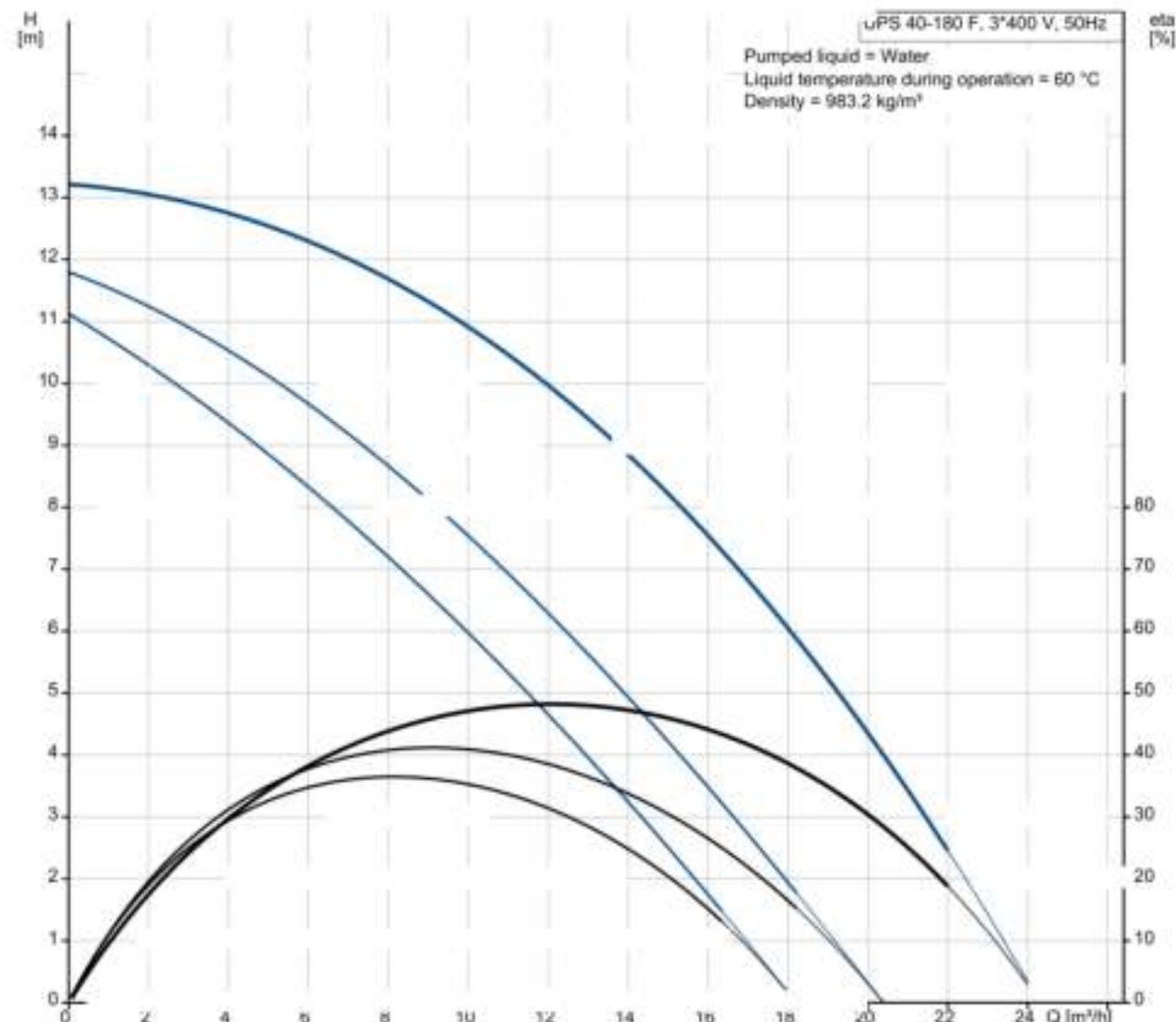
Approvals on nameplate: AAA,EAC

Materials:

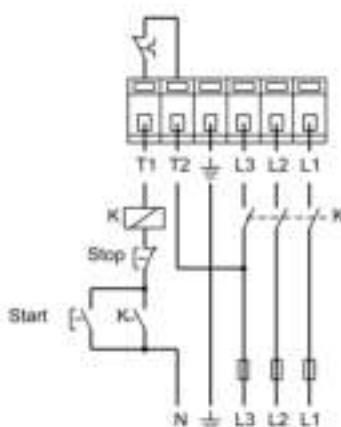
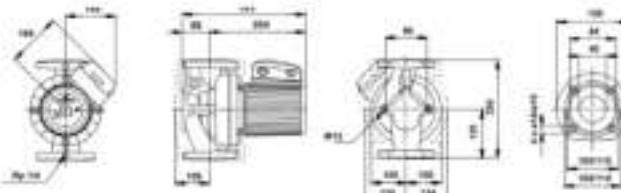
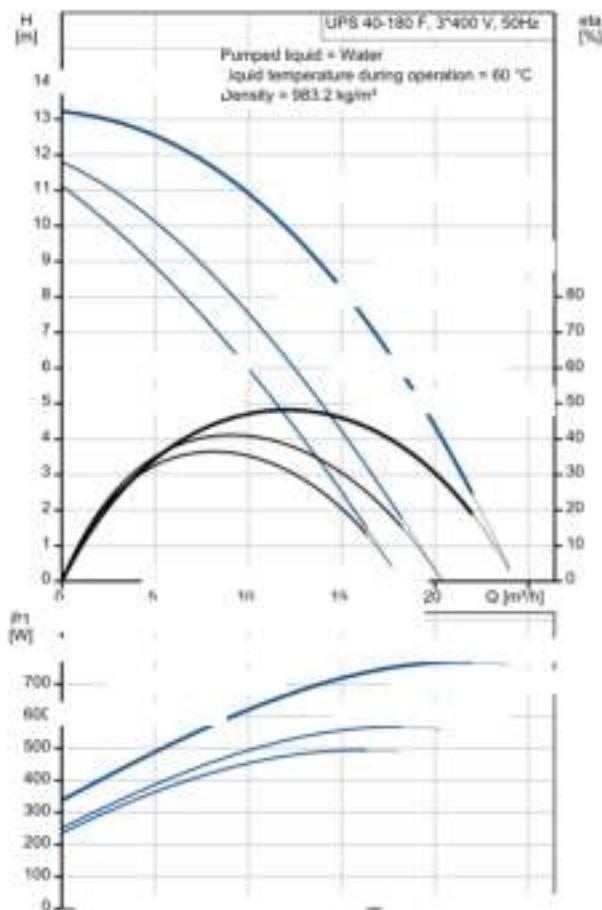
Pump housing: Cast iron  
EN-JL1040  
ASTM 35 B - 40 B  
Impeller: Stainless steel  
DIN W.-Nr. 1.4301

Qty.	Description
	AISI 304
<b>Installation:</b>	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 40
Pressure rating:	PN 6 / PN 10
Port-to-port length:	250 mm
<b>Electrical data:</b>	
Power input in speed 1:	490 W
Power input in speed 2:	570 W
Max. power input:	770 W
Mains frequency:	50 Hz
Rated voltage:	3 x 400-415 V
Current in speed 1:	0.82 A
Current in speed 2:	0.94 A
Current in speed 3:	1.3 A
Cos phi in speed 1:	0.86
Cos phi in speed 2:	0.86
Cos phi:	0.85
Insulation class (IEC 85):	H
Enclosure class (IEC 60529):	X4D
<b>Others:</b>	
Net weight:	22.6 kg
Gross weight:	22.8 kg
Shipping volume:	0.034 m <sup>3</sup>
Danish VVS No.:	380717041
Norwegian NRF no.:	9042418

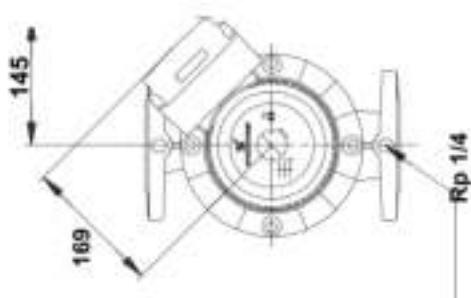
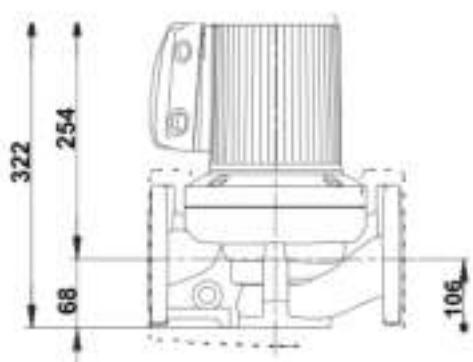
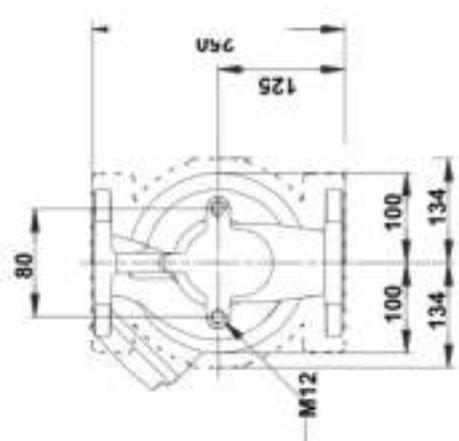
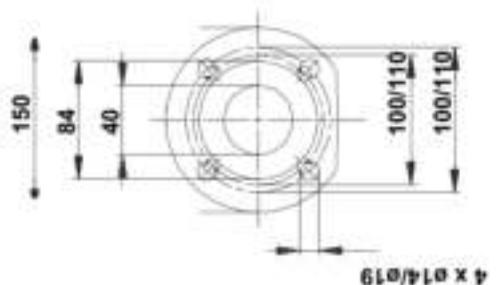
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EAN number:	5708601059056
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Head max:	180 dm
Approvals on nameplate:	AAA, EAC
<b>Materials:</b>	
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Pump housing:	EN-JL1040
Pump housing:	ASTM 35 B - 40 B
Impeller:	Stainless steel
Impeller:	DIN W.-Nr. 1.4301
Impeller:	AISI 304
<b>Installation:</b>	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 40
Pressure rating:	PN 6 / PN 10
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<b>Liquid:</b>	
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Current in speed 3:	1.3 A
Cos phi in speed 1:	0.86
Cos phi in speed 2:	0.86
Cos phi:	0.85
Insulation class (IEC 85):	H
Enclosure class (IEC 60529):	X4D
Motor protec:	CONTACT
Thermal protec:	external
<b>Controls:</b>	
Relay:	without relay
Pos term box:	1.30H
<b>Others:</b>	
Net weight:	22.6 kg
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Danish VVS No.:	380717041
Norwegian NRF no.:	9042418

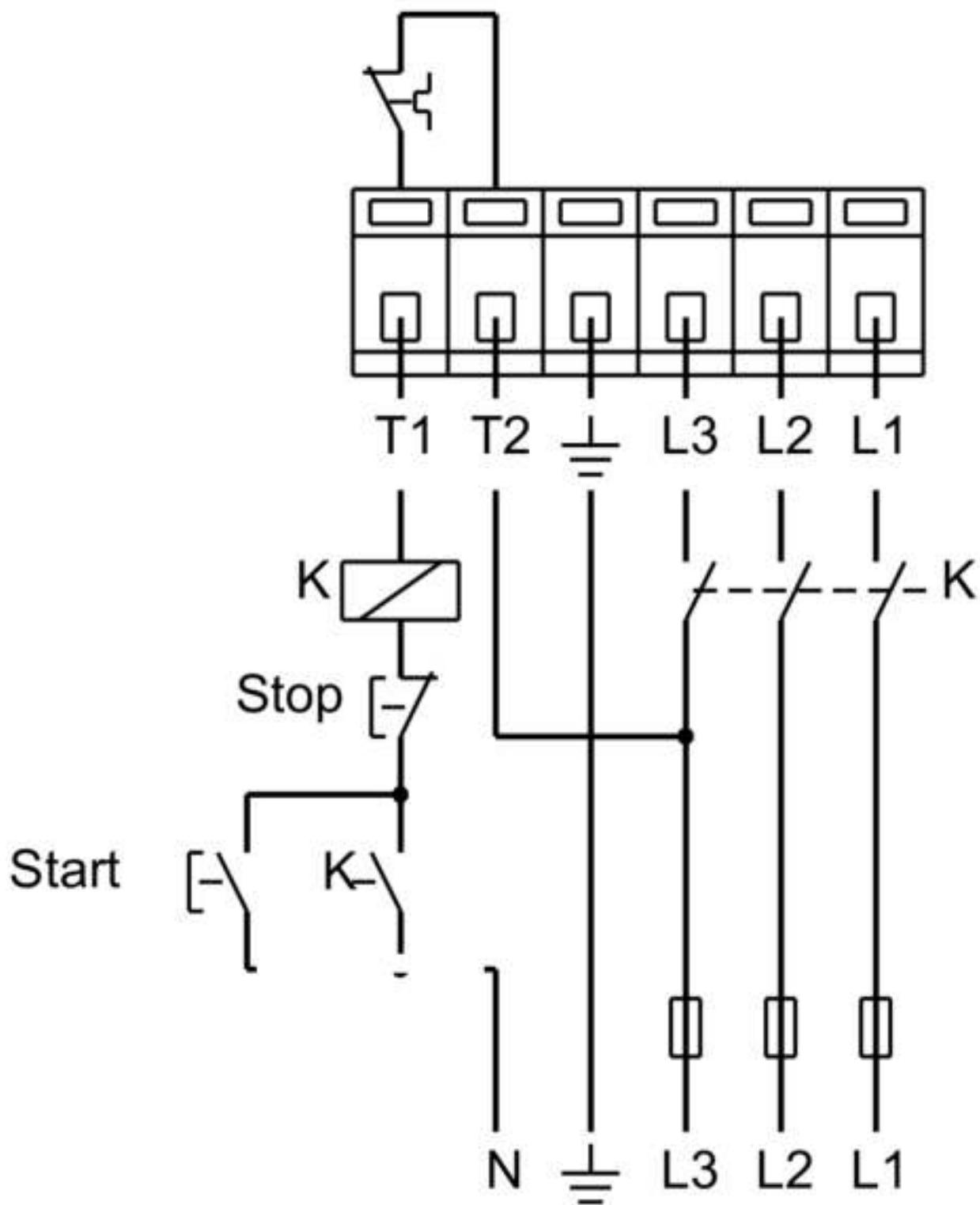


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