


Qty.	Description
1	<p><b>ALPHA1 32-80 180</b></p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: On request</p> <p>ALPHA1 is a high-efficiency circulator pump fitted with an electronically commutated motor and designed for circulating liquids in heating and air conditioning systems.</p> <p>ALPHA1 is equipped with intelligent controls and offers three control modes: constant pressure, proportional pressure and constant curve. Each mode has three adjustable speed settings.</p> <p>The toolless installer plug enables a fast and easy electrical connection.</p> <p>The automatic self-venting ability and dry-running protection ensure quiet operation and reliability of the pump.</p> <p>The product features robust startup which reduces the risk of blockages from dirt, magnetite and limescale build-up. In the unlikely case of a blocked pump, the motor continuously attempts to start at the highest possible torque, ensuring startup in tough conditions.</p> <p>The ceramic shaft and bearings experience minimal wear, resulting in a longer lifespan and a reduced likelihood of noise in the system due to increased bearing clearance from wear.</p> <p>Fault finding is fast and easy by using the error symbols on the pump operating panel.</p> <p>Liquid:  Pumped liquid: Water  Liquid temperature range: -10 .. 110 °C  Selected liquid temperature: 60 °C  Density: 983.2 kg/m³</p> <p>Technical:  Rated flow: 2.43 m³/h  Rated head: 3.76 m  Pump head orientation: 9H  TF class: 110  Approvals: CE,VDE</p> <p>Materials:  Pump housing: Cast iron  EN 1561 EN-GJL-150  ASTM A48-150B</p> <p>Impeller: Composite</p>



Company name:

Created by:

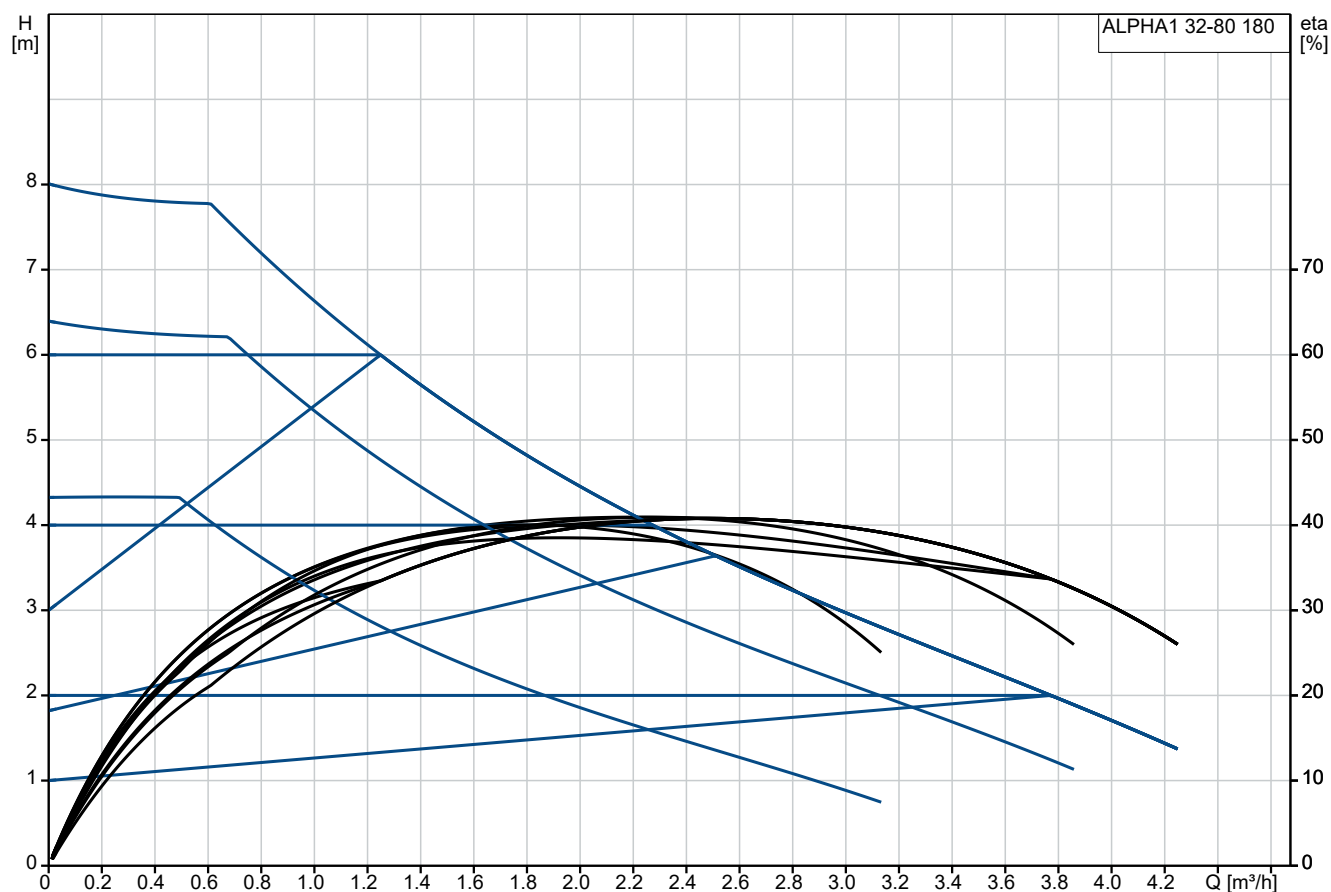
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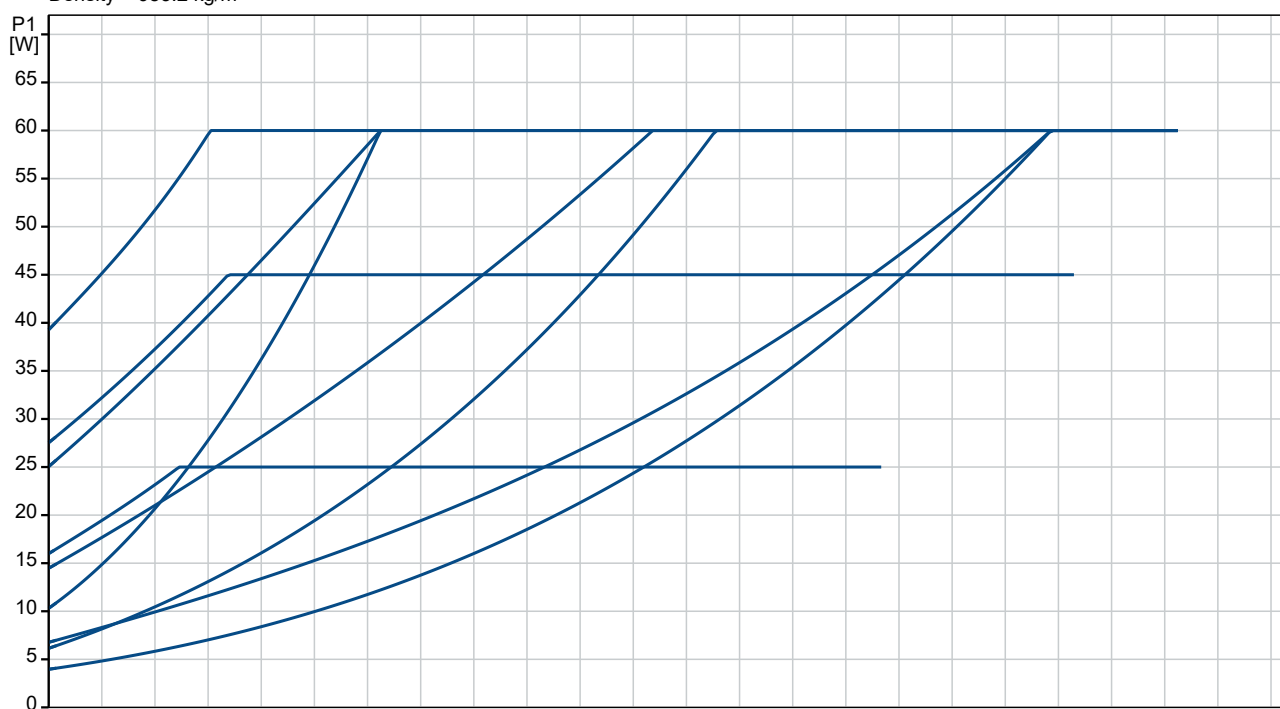
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Qty.	Description
1	<p>PES+30% GF</p> <p>Installation:</p> <p>Range of ambient temperature: 0 .. 55 °C</p> <p>Maximum operating pressure: 10 bar</p> <p>Type of connection: G</p> <p>Size of connection: 2 inch</p> <p>Pressure rating for connection: PN 10</p> <p>Port-to-port length: 180 mm</p> <p>Electrical data:</p> <p>Minimum power input - P1: 4 W</p> <p>Power input P1: 60 W</p> <p>Mains frequency: 50 / 60 Hz</p> <p>Rated voltage: 1 x 220-240 V</p> <p>Minimum current consumption: 0.06 A</p> <p>Maximum current consumption: 0.6 A</p> <p>Enclosure class (IEC 34-5): IP44</p> <p>Insulation class (IEC 85): F</p> <p>Thermal protection: Electronic</p> <p>Others:</p> <p>Energy (EEI): 0.20</p> <p>Net weight: 2.1 kg</p> <p>Gross weight: 2.3 kg</p> <p>Shipping volume: 0.004 m³</p>

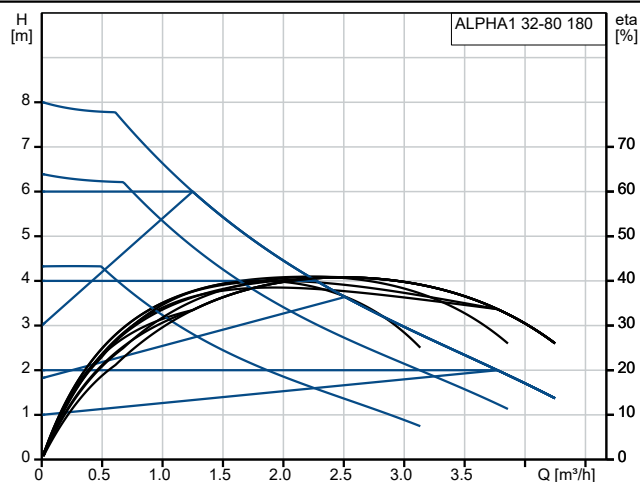
## On request ALPHA1 32-80 180



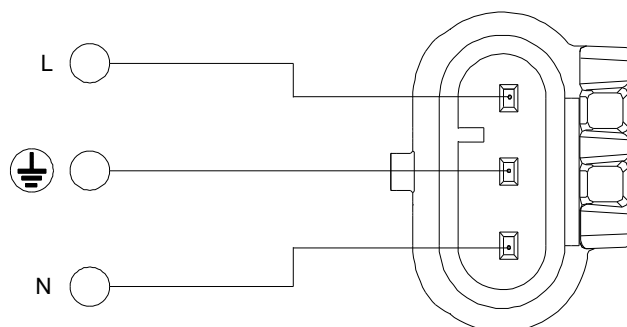
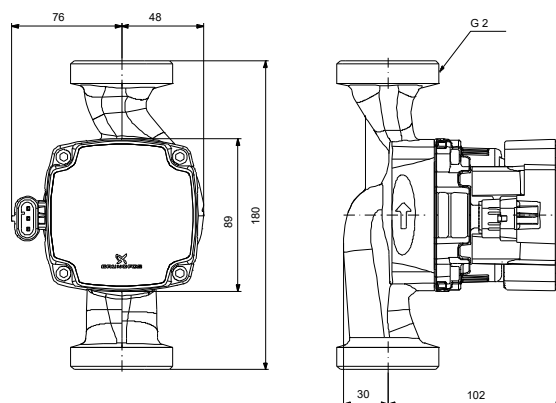
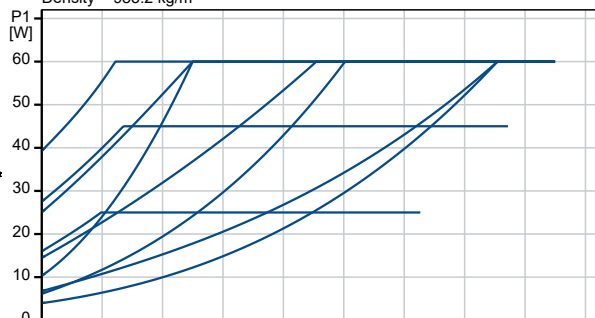
Pumped liquid = Water  
 Liquid temperature during operation = 60 °C  
 Density = 983.2 kg/m³



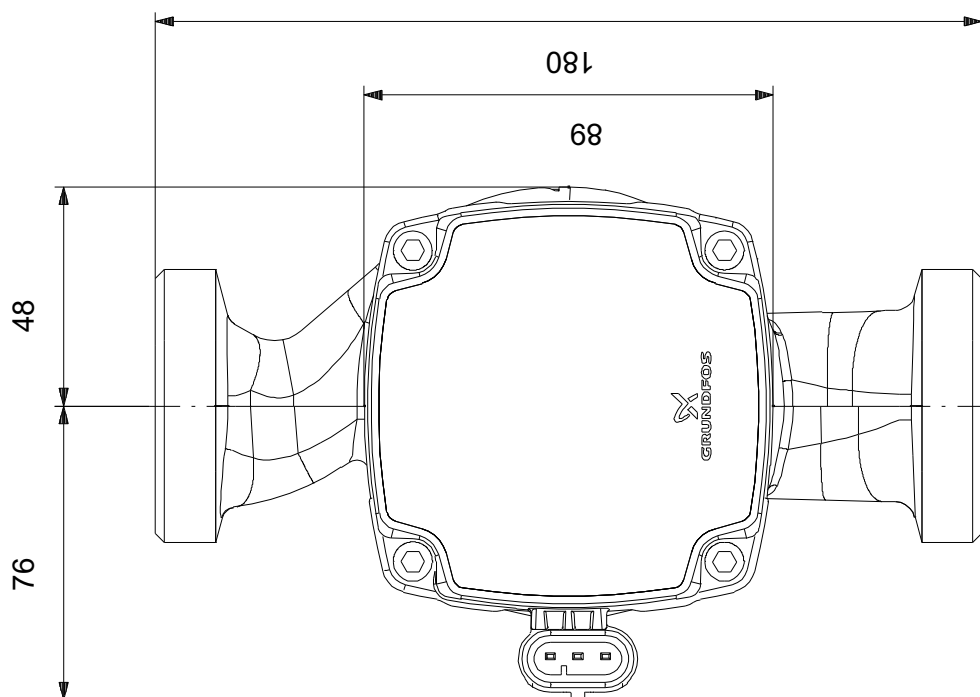
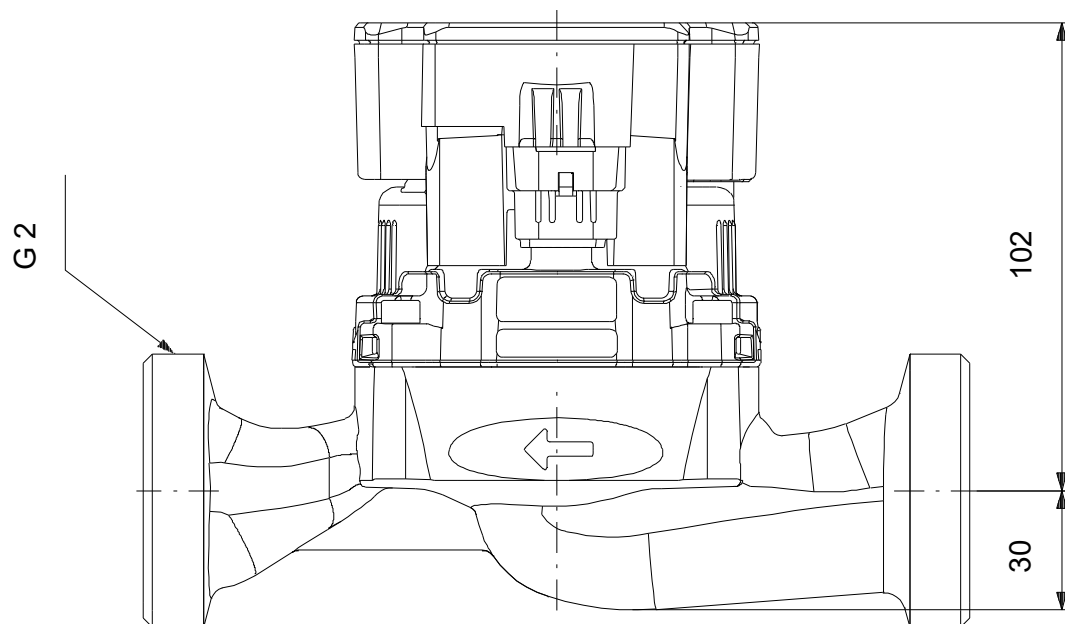
Description	Value
<b>General information:</b>	
Product name:	ALPHA1 32-80 180
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Rated flow:	2.43 m³/h
Rated head:	3.76 m
Maximum head:	80 dm
Pump head orientation:	9H
TF class:	110
Approvals:	CE,VDE
Model:	D
<b>Materials:</b>	
Pump housing:	Cast iron
	EN 1561 EN-GJL-150
	ASTM A48-150B
Impeller:	Composite
	PES+30% GF
<b>Installation:</b>	
Range of ambient temperature:	0 .. 55 °C
Maximum operating pressure:	10 bar
Type of connection:	G
Size of connection:	2 inch
Pressure rating for connection:	PN 10
Port-to-port length:	180 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 110 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m³
<b>Electrical data:</b>	
Minimum power input - P1:	4 W
Power input P1:	60 W
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 220-240 V
Minimum current consumption:	0.06 A
Maximum current consumption:	0.6 A
Enclosure class (IEC 34-5):	IP44
Insulation class (IEC 85):	F
Thermal protection:	Electronic
<b>Others:</b>	
Energy (EEI):	0.20
Net weight:	2.1 kg
Gross weight:	2.3 kg
Shipping volume:	0.004 m³



Pumped liquid = Water  
Liquid temperature during operation = 60 °C  
Density = 983.2 kg/m³

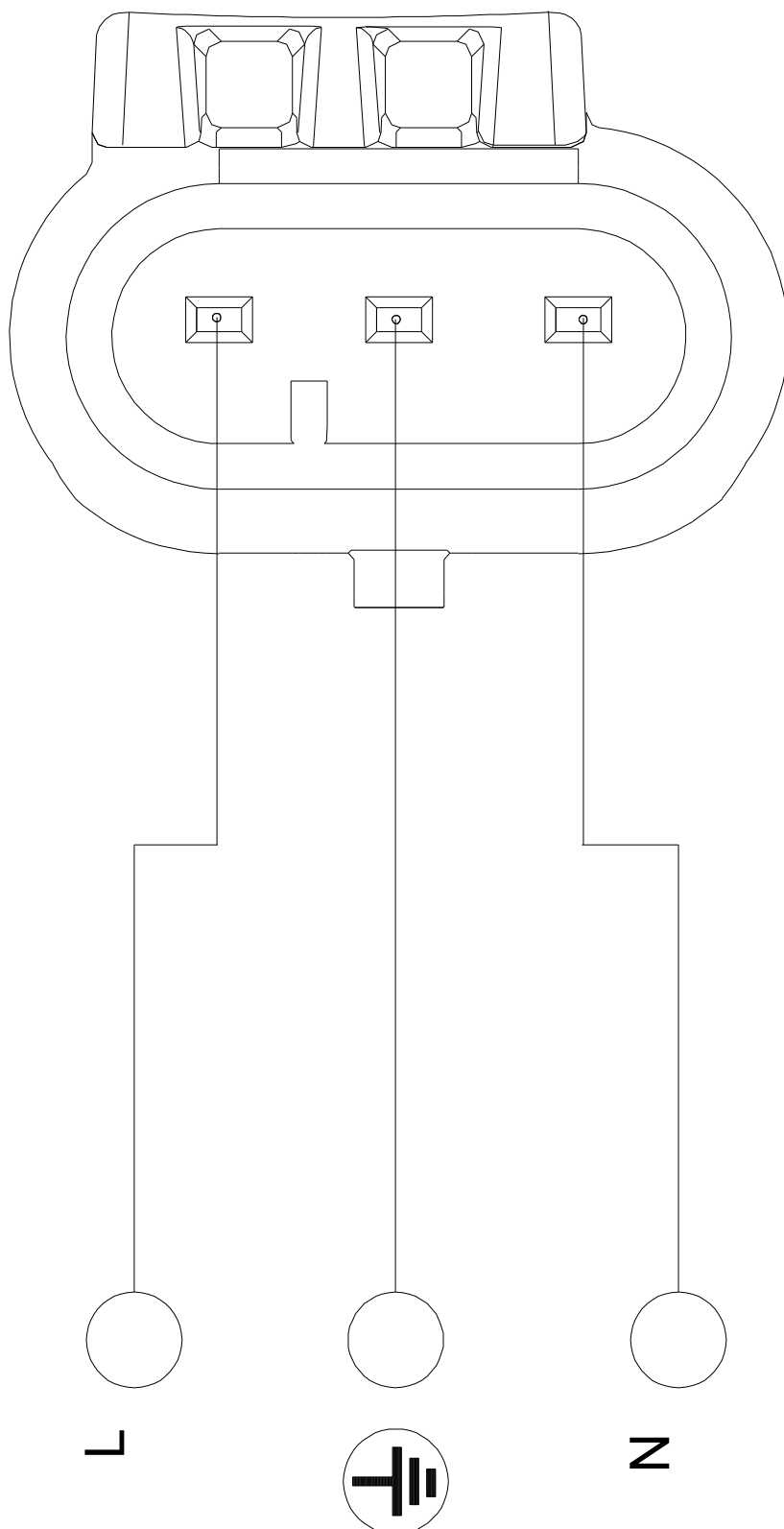


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Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

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