



Company name:

Created by:

Phone:

Date:

13/01/2026

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:</p> <table><tbody><tr><td>Pumped liquid:</td><td>Water</td></tr><tr><td>Liquid temperature range:</td><td>-10 .. 110 °C</td></tr><tr><td>Selected liquid temperature:</td><td>60 °C</td></tr><tr><td>Density:</td><td>983.2 kg/m³</td></tr></tbody></table> <p>Technical:</p> <table><tbody><tr><td>Rated flow:</td><td>2.43 m³/h</td></tr><tr><td>Rated head:</td><td>3.76 m</td></tr><tr><td>Pump head orientation:</td><td>9H</td></tr><tr><td>TF class:</td><td>110</td></tr><tr><td>Approvals:</td><td>CE,VDE</td></tr></tbody></table> <p>Materials:</p> <table><tbody><tr><td>Pump housing:</td><td>Cast iron EN 1561 EN-GJL-150 ASTM A48-150B</td></tr><tr><td>Impeller:</td><td>Composite</td></tr></tbody></table>	Pumped liquid:	Water	Liquid temperature range:	-10 .. 110 °C	Selected liquid temperature:	60 °C	Density:	983.2 kg/m³	Rated flow:	2.43 m³/h	Rated head:	3.76 m	Pump head orientation:	9H	TF class:	110	Approvals:	CE,VDE	Pump housing:	Cast iron EN 1561 EN-GJL-150 ASTM A48-150B	Impeller:	Composite
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1	<p>PES+30% GF</p> <p>Installation: 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</p> <p>Electrical data: 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</p> <p>Others: Energy (EEI): 0.20 Net weight: 2.1 kg Gross weight: 2.3 kg Shipping volume: 0.004 m³</p>



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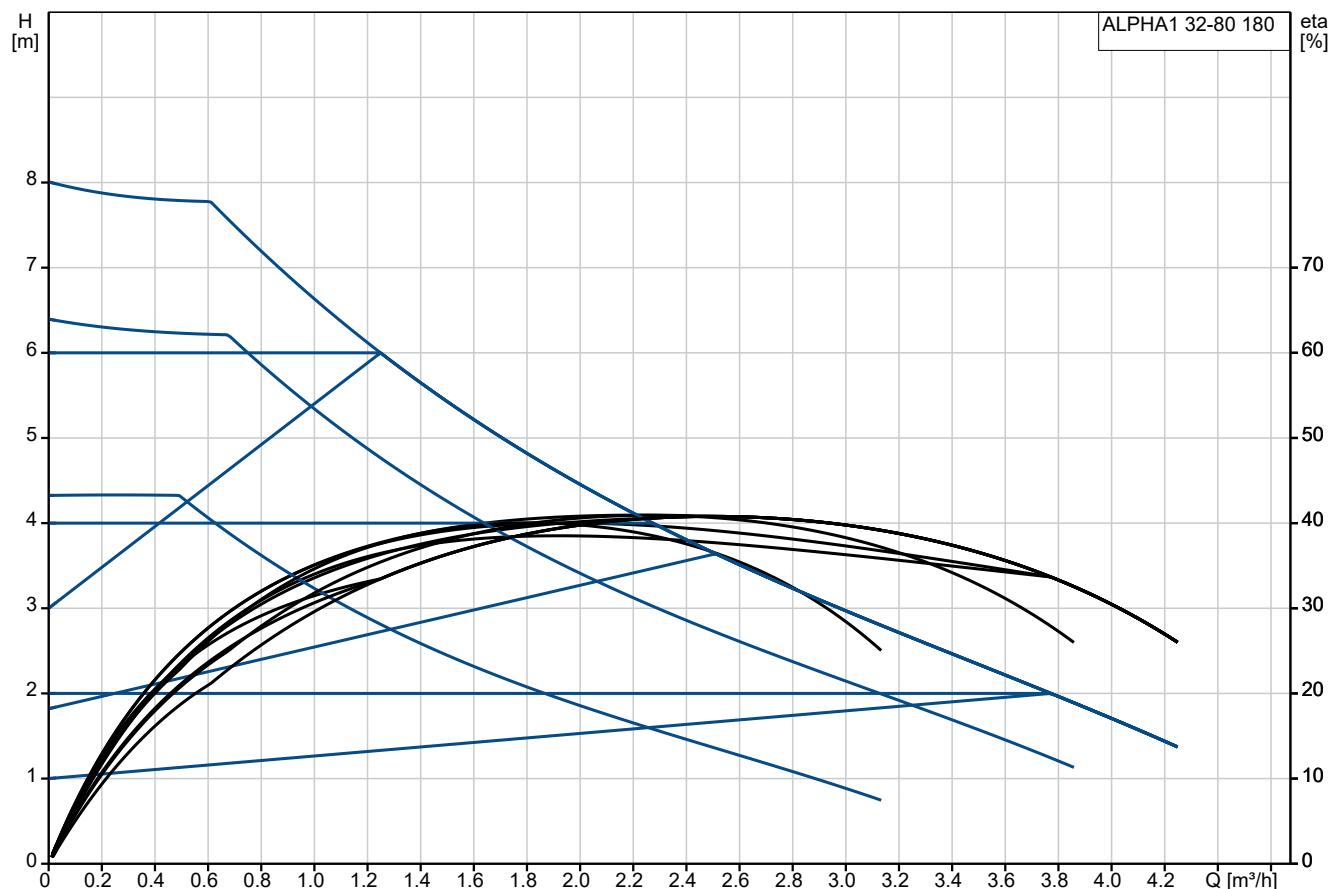
Created by:

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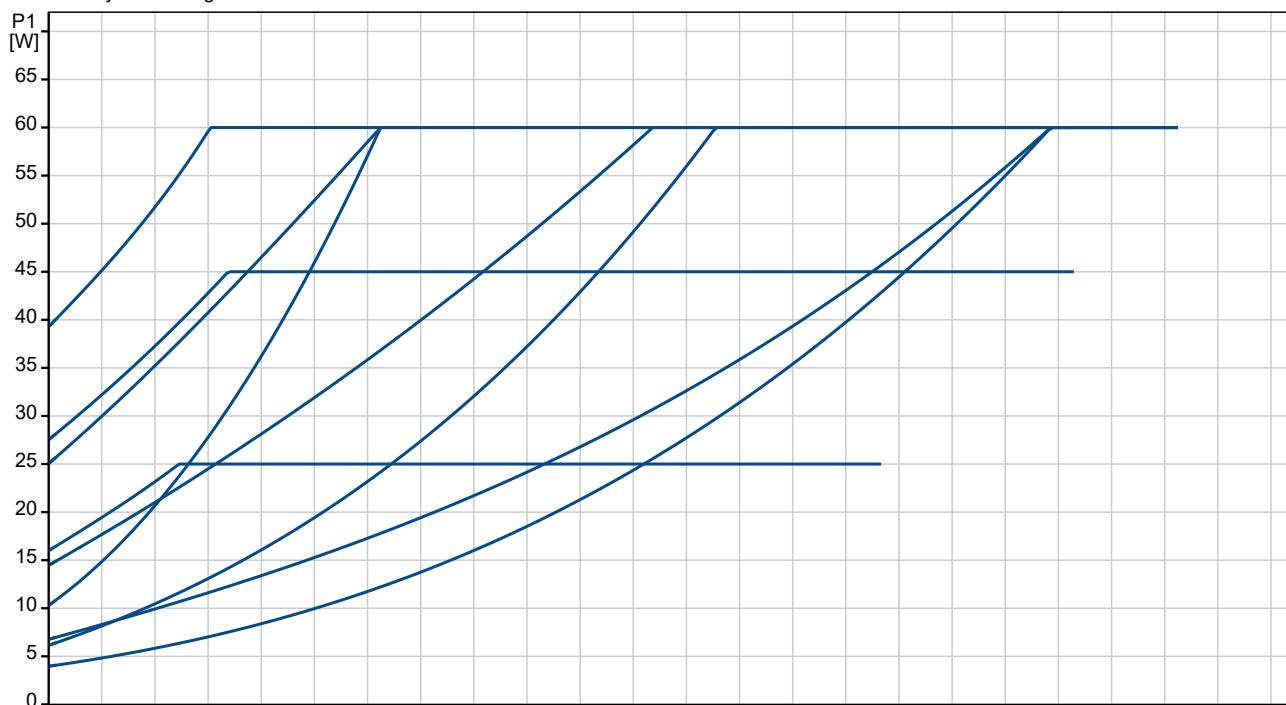
## On request ALPHA1 32-80 180



Pumped liquid = Water

Liquid temperature during operation = 60 °C

Density = 983.2 kg/m³





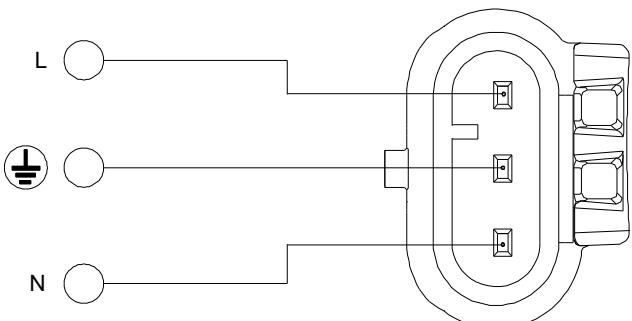
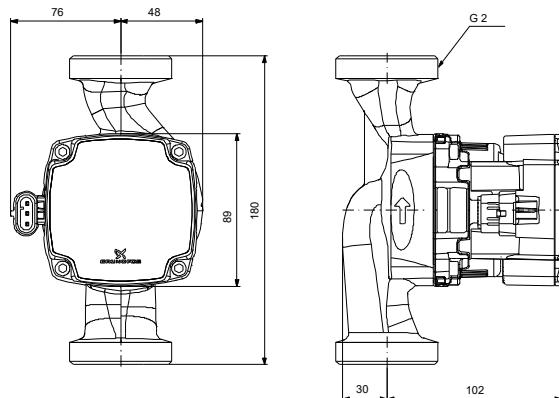
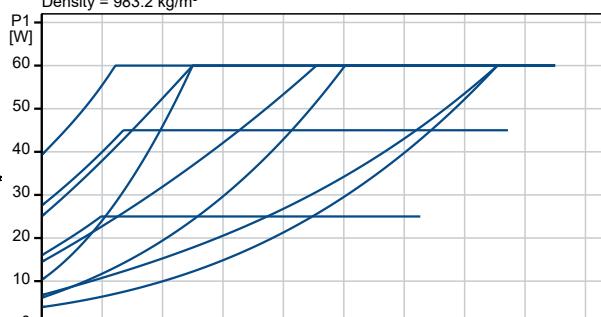
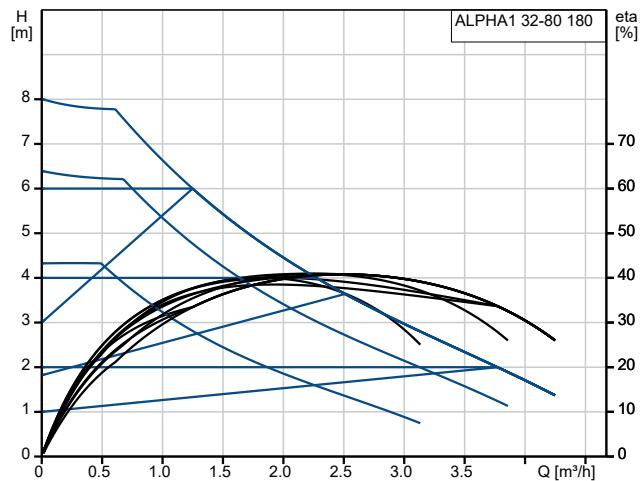
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Description	Value
<b>General information:</b>	
Product name:	ALPHA1 32-80 180
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Rated flow:	2.43 m <sup>3</sup> /h
Rated head:	3.76 m
Maximum head:	80 dm
Pump head orientation:	9H
TF class:	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/m <sup>3</sup>
<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 m <sup>3</sup>





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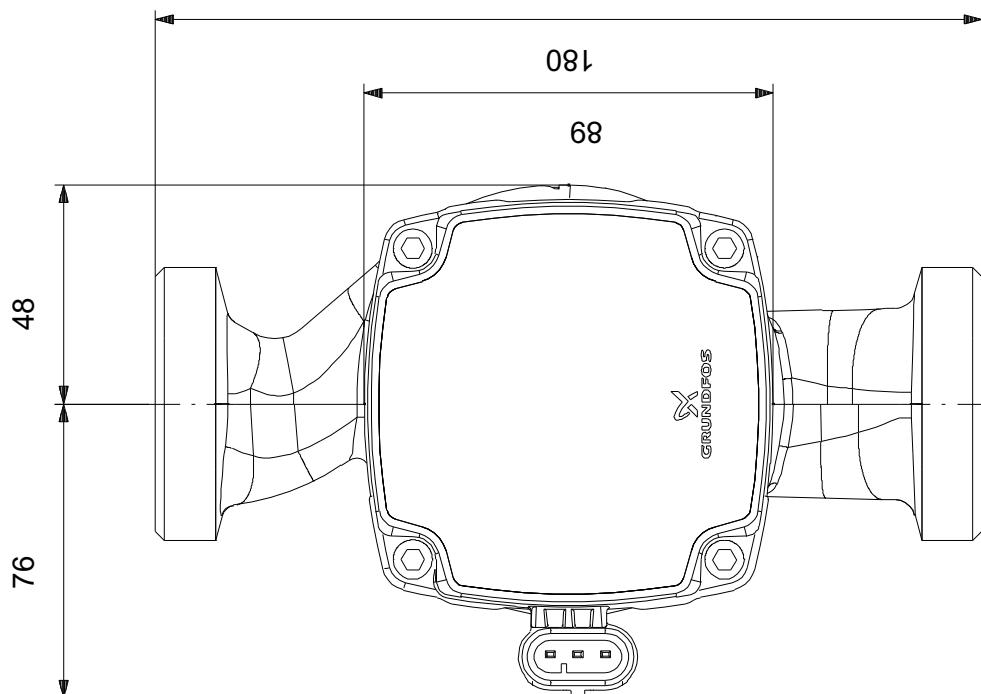
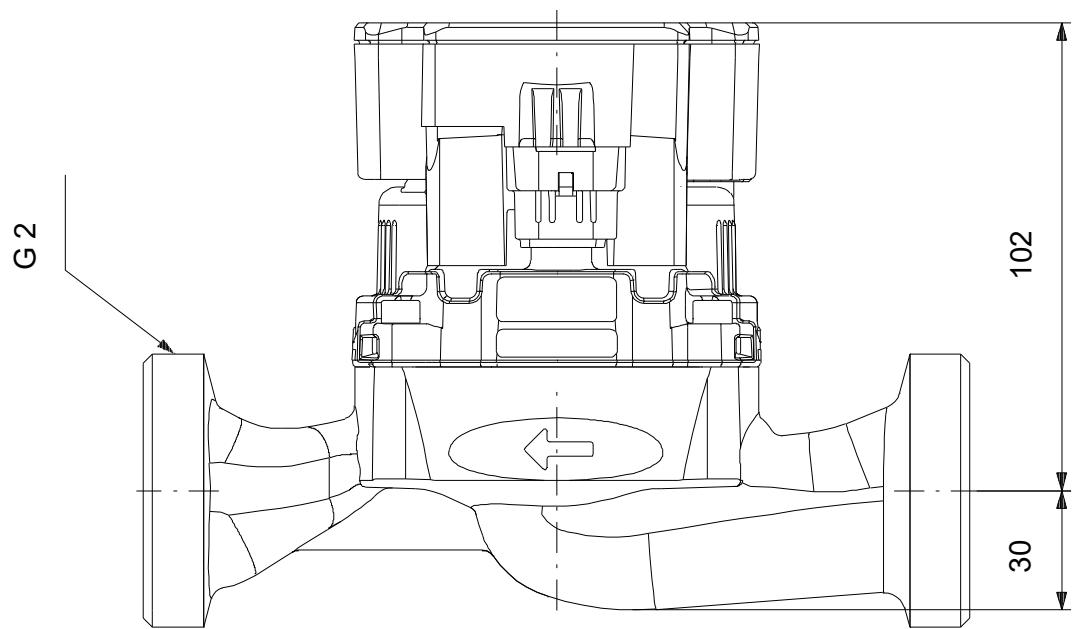
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## On request ALPHA1 32-80 180



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



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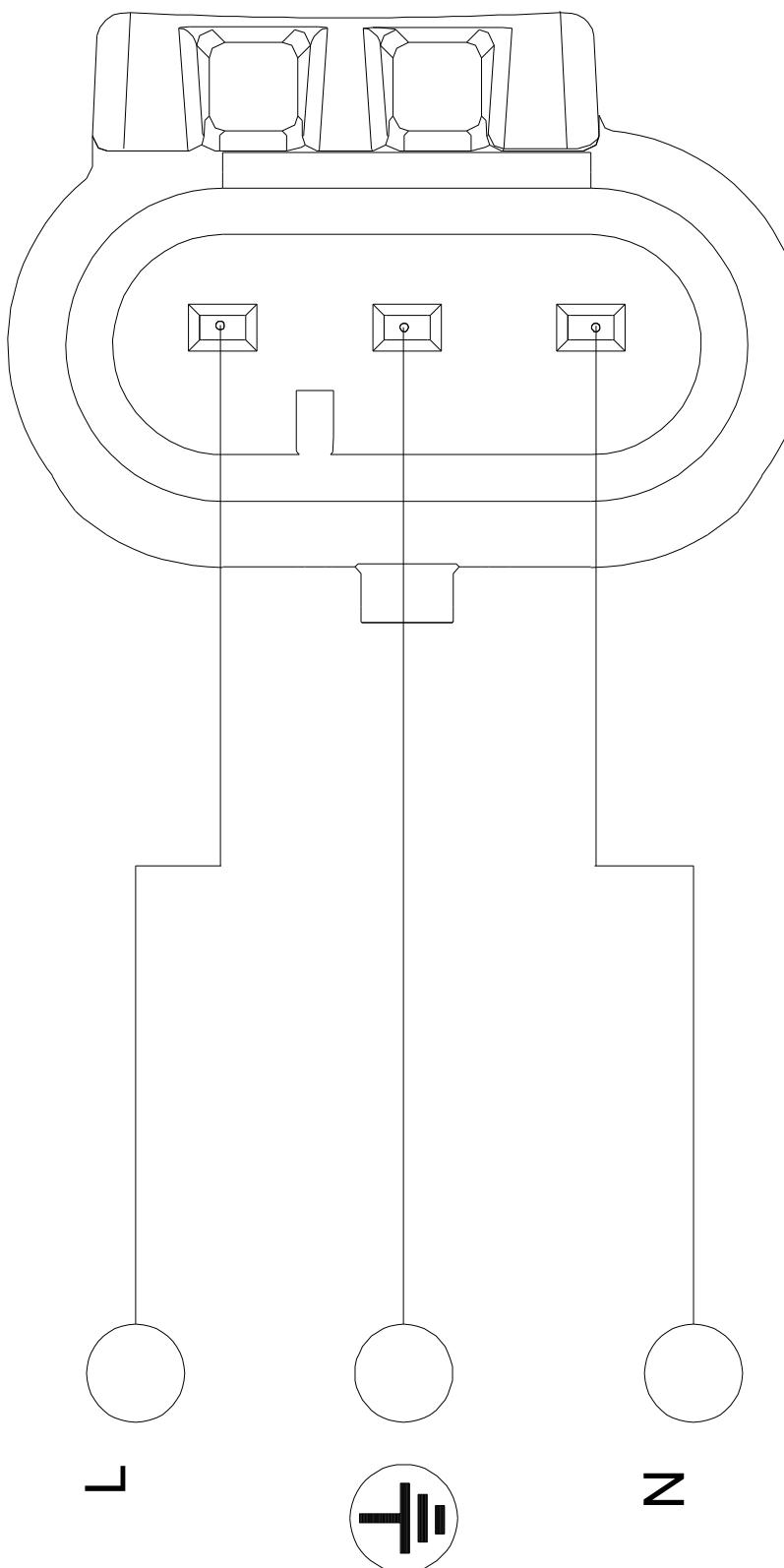
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**Order Data:**

Position	Your pos.	Product name	Amount	Product No	Total
		ALPHA1 32-80 180	1	On request	