

Qty.	Description
1	<p data-bbox="87 226 343 248">ALPHA3 15-50/60 130</p> <div data-bbox="124 302 438 705">  </div> <p data-bbox="478 685 962 707" style="text-align: center;">Note! Product picture may differ from actual product</p> <p data-bbox="87 719 359 741">Product No.: 99371966</p> <p data-bbox="87 808 1540 864">High efficiency canned-rotor circulator, designed for circulating liquids in heating systems. With a world-class energy efficiency index (EEI) well below the ErP benchmark it ensures substantial energy savings.</p> <p data-bbox="87 898 1567 954">The ALPHA3 has built-in Bluetooth radio and is completely controlled by a smart device via Grundfos GO Remote App. It gives step by step assistance to pump configuration, maintenance and commissioning.</p> <p data-bbox="87 987 1575 1043">The ALPHA3 communicates directly with the Grundfos GO Balance App, which enables the installers to perform fast and easy hydronic balancing.</p> <p data-bbox="87 1077 1551 1155">The AUTOADAPT function which is integrated in the radiator and underfloor mode continuously adjusts the pump performance to the actual heat demand, i.e. the size of the system and the changing heat demand during the year. The AUTOADAPT feature will find the setting that provides optimal comfort with minimal energy consumption. In that, it also makes the commissioning fast, safe, and easy.</p> <p data-bbox="87 1189 191 1211">Features</p> <ul style="list-style-type: none"> <li data-bbox="87 1223 1548 1603"> <ul style="list-style-type: none"> Radiator mode with AUTOADAPT the simple choice for two-string radiator heating systems Underfloor mode with AUTOADAPT the simple choice for underfloor heating systems Combined radiator and underfloor mode for systems with a combination of heating systems In scheduling and summer mode a realtime clock makes it possible to select when the pump should operate and not to save energy Simple user interface - the pump is completely operated from the Grundfos GO Remote App Alarm and warning log with assistance via Grundfos Go Remote No external motor protection required reducing installation time High-torque start improves startup under harsh conditions Dry-run protection during startup and normal operation Maintenance free due to canned-rotor design and use of robust components ALPHA plug makes electrical installation quick and easy Insulating shells are supplied with pumps to minimize heat loss in heating systems <p data-bbox="87 1637 1548 1693">In addition, the pump also features three control modes with incremental set point adjustment which makes it possible to adjust pump setting to a given duty point:</p> <ul style="list-style-type: none"> <li data-bbox="87 1693 774 1783"> <ul style="list-style-type: none"> proportional-pressure control constant-pressure control constant-curve mode <p data-bbox="87 1816 1436 1839">The display shows the actual power consumption in Watts or actual flow in m³/h. LEDs indicate the actual operating status.</p> <p data-bbox="87 1872 1564 1973">The design of the pump and chosen materials contribute to long life. The pump is self-venting through the system, which contributes to easy commissioning. The compact design, featuring a pump head with an integrated control box, fits into most common installations. Pump and motor form an integral unit without a shaft seal. The bearings are lubricated by the pumped liquid. These constructional features ensure maintenance-free operation.</p> <p data-bbox="87 2007 1468 2040">The pump housing is made of cast iron. The pump housing and pump head are electrocoated to improve corrosion resistance.</p> <p data-bbox="87 2074 1556 2130">The motor is a synchronous permanent-magnet motor characterized by high efficiency. The pump speed is controlled by an integrated frequency converter incorporated in the control box.</p> <p data-bbox="87 2163 766 2186">The benchmark for the most efficient circulators is EEI 0.20.</p>

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Liquid:

Pumped liquid: Water
Liquid temperature range: 2 .. 110 °C
Selected liquid temperature: 60 °C
Density at selected liquid temperature: 983.2 kg/m³

Technical:

TF class: 110
Approvals on nameplate: CE,VDE

Materials:

Pump housing: Cast iron
EN-GJL-150
ASTM A48-150B
Impeller: PES 30%GF

Installation:

Range of ambient temperature: 0 .. 40 °C
Maximum operating pressure: 10 bar
Pipe connection: G 1 1/2
Pressure rating: PN 10
Port-to-port length: 130 mm

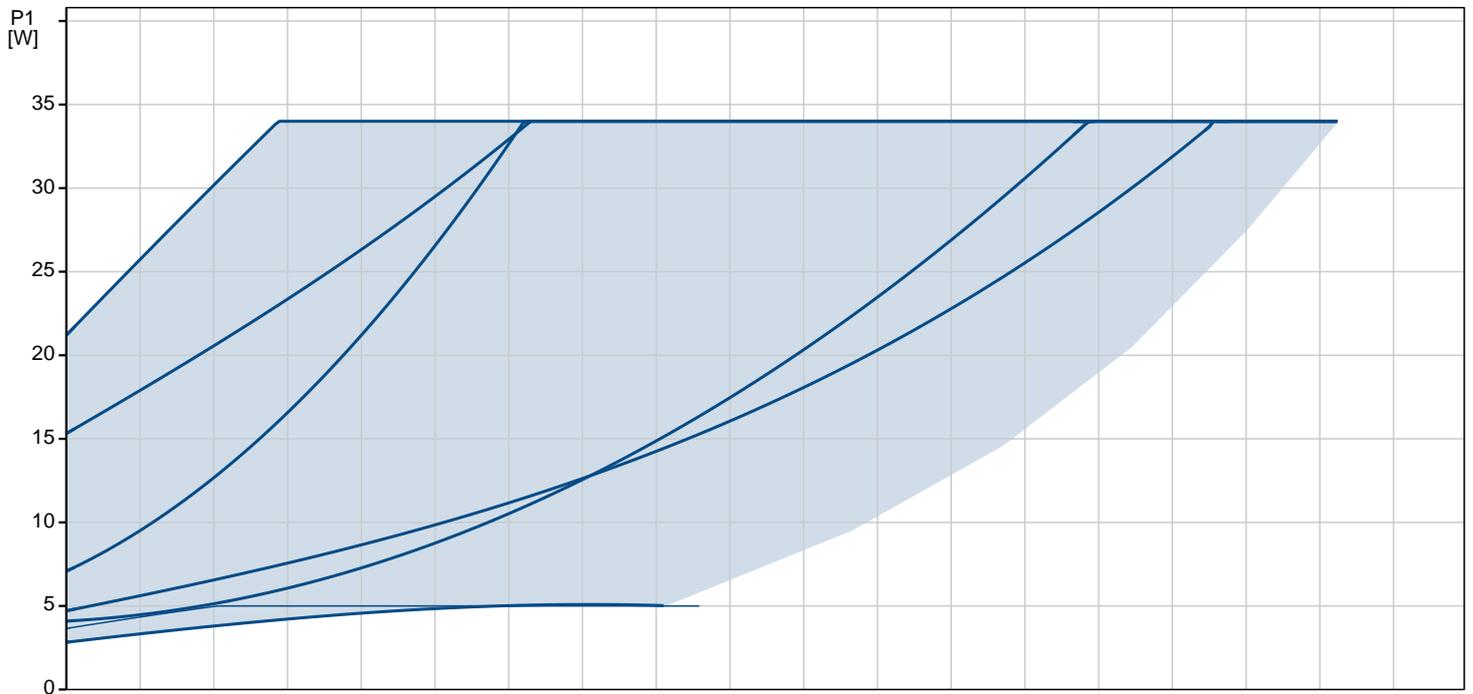
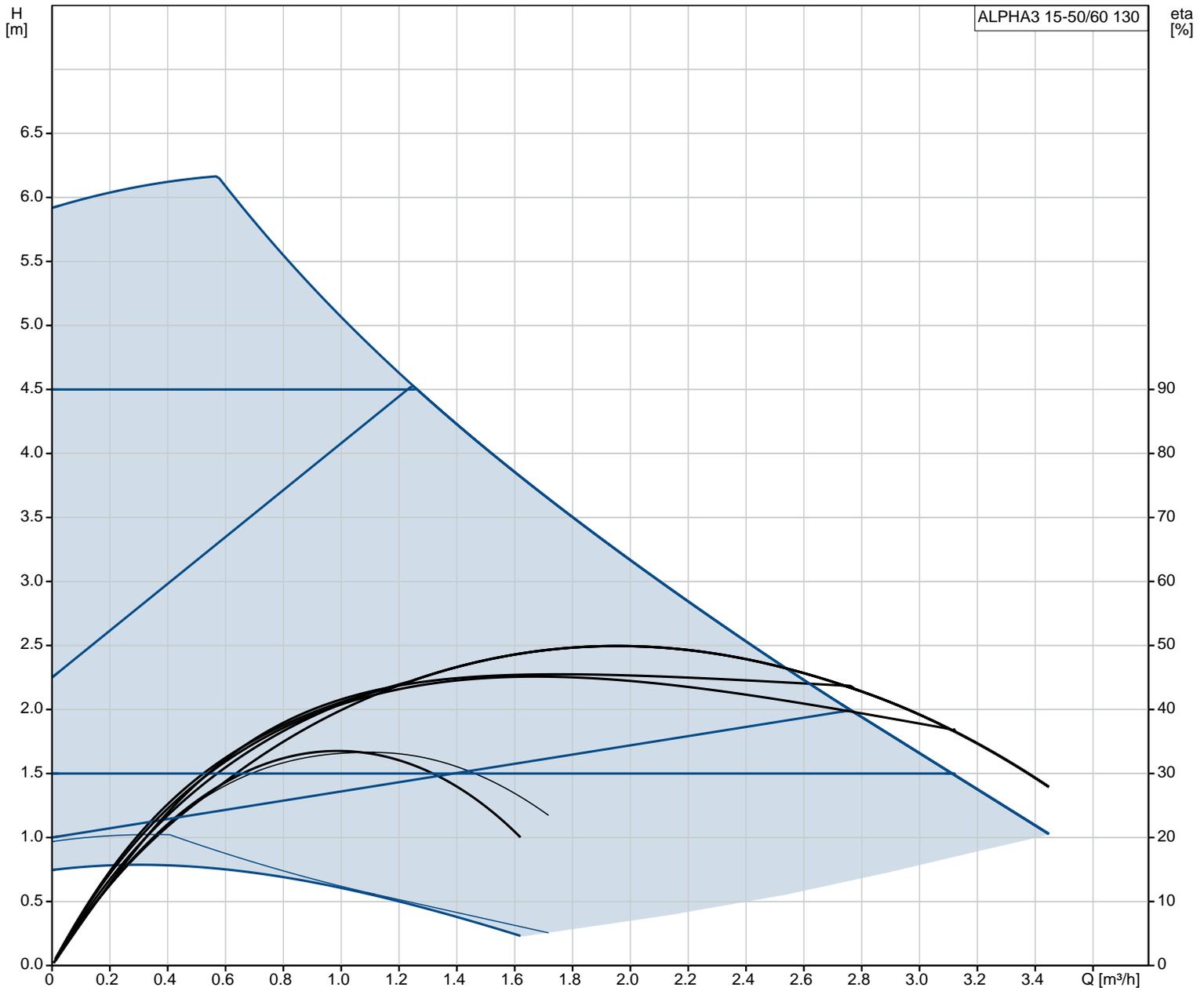
Electrical data:

Power input - P1: 3 .. 34 W
Mains frequency: 50 Hz
Rated voltage: 1 x 230 V
Maximum current consumption: 0.04 .. 0.32 A
Enclosure class (IEC 34-5): X4D
Insulation class (IEC 85): F

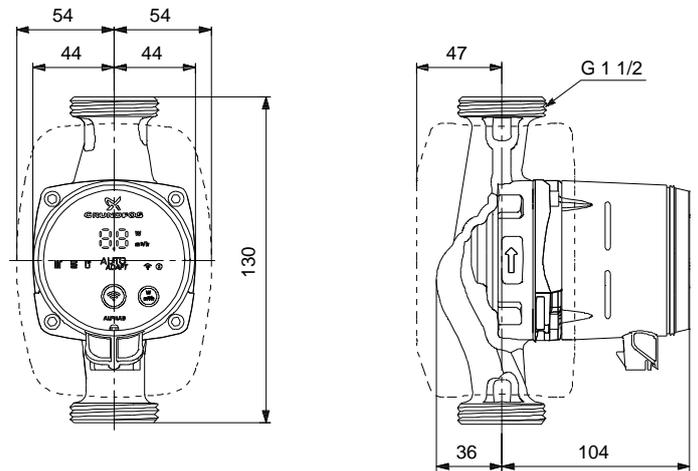
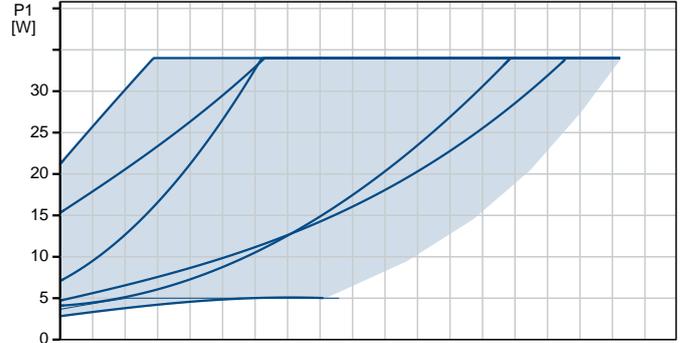
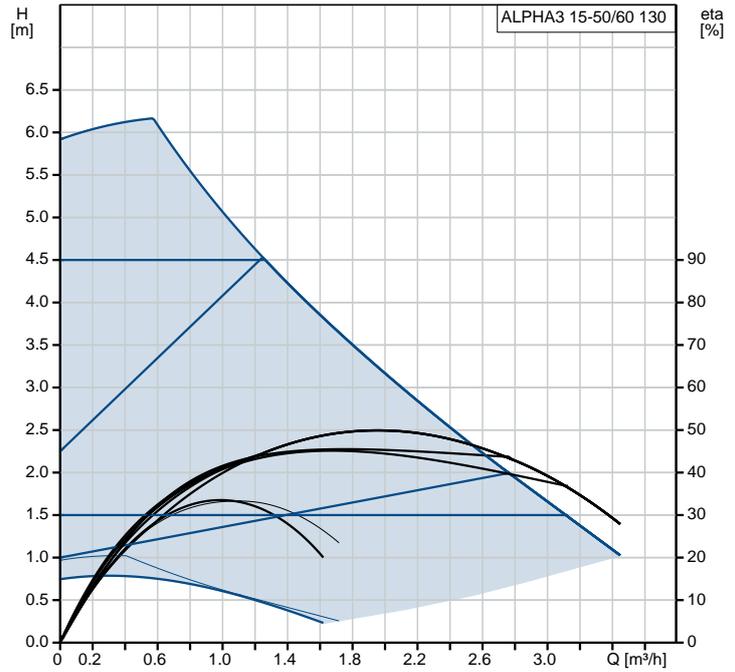
Others:

Energy (EEI): 0.17
Net weight: 1.88 kg
Gross weight: 2.01 kg
Shipping volume: 0.004 m³
Country of origin: DK
Custom tariff no.: 84137030

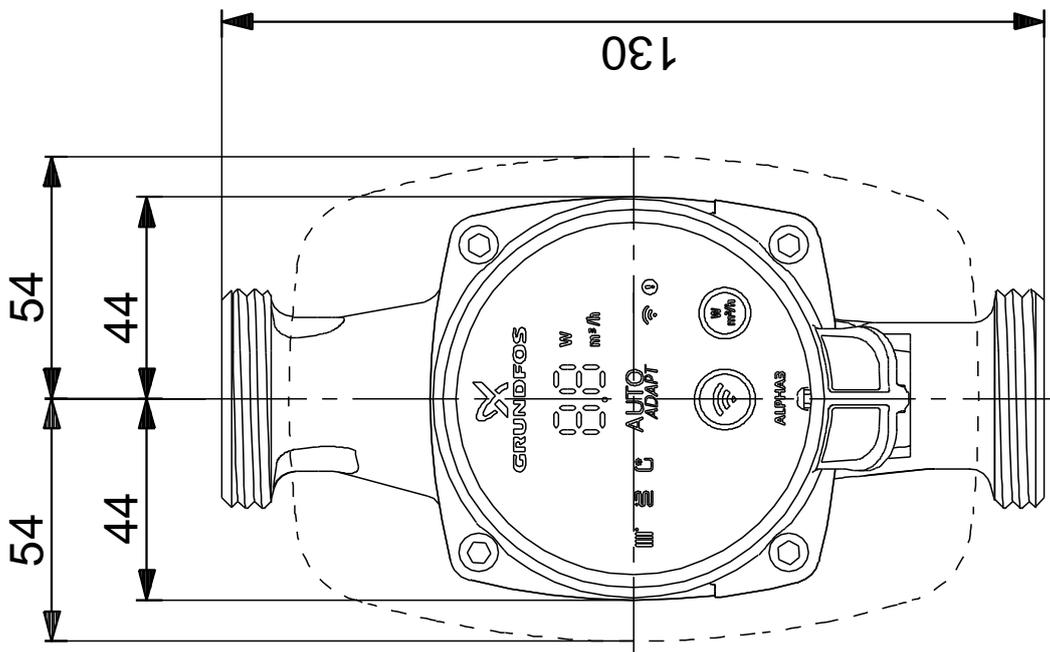
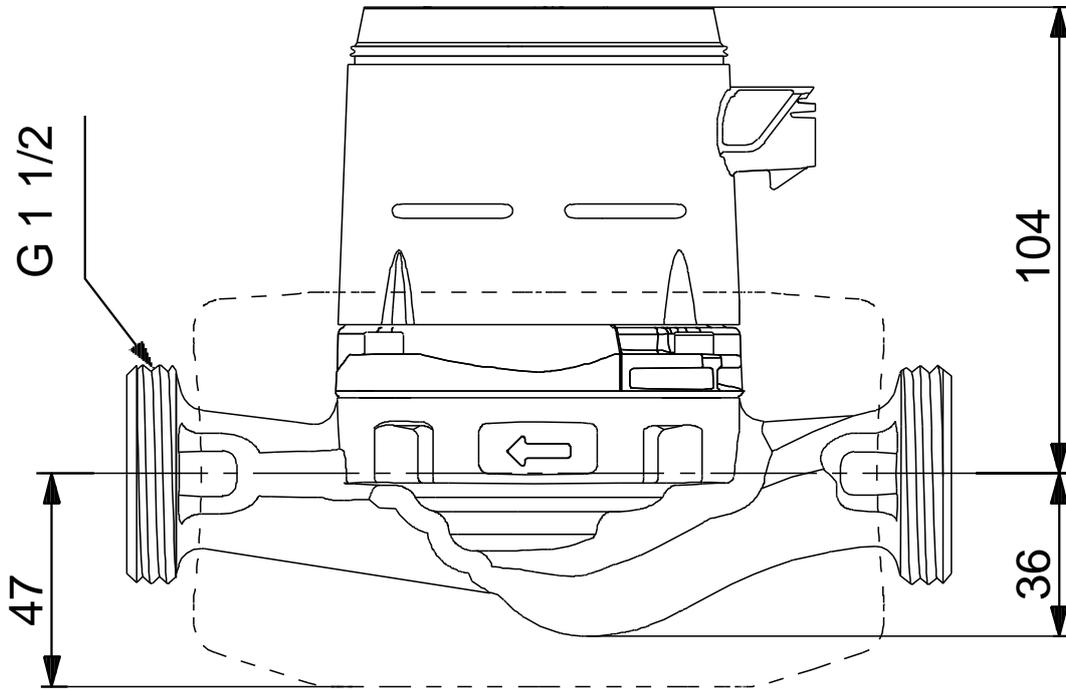
99371966 ALPHA3 15-50/60 130 50 Hz



Description	Value
General information:	
Product name:	ALPHA3 15-50/60 130
Product No:	99371966
EAN number:	5713828026743
Technical:	
Head max:	50/60 dm
TF class:	110
Approvals on nameplate:	CE,VDE
Model:	B
Materials:	
Pump housing:	Cast iron EN-GJL-150 ASTM A48-150B
Impeller:	PES 30%GF
Installation:	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Pipe connection:	G 1 1/2
Pressure rating:	PN 10
Port-to-port length:	130 mm
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	2 .. 110 °C
Selected liquid temperature:	60 °C
Density at selected liquid temperature:	983.2 kg/m ³
Electrical data:	
Power input - P1:	3 .. 34 W
Mains frequency:	50 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.04 .. 0.32 A
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	F
Motor protec:	NONE
Thermal protec:	ELEC
Controls:	
Aut. night:	automatic reduced night-time duty included
Pos term box:	6H
Others:	
Energy (EEL):	0.17
Net weight:	1.88 kg
Gross weight:	2.01 kg
Shipping volume:	0.004 m ³
Sales region:	GB
Country of origin:	DK
Custom tariff no.:	84137030



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