

Created by: Phone:

Date: 19/11/2020

Qty. | Description

1 MAGNA3 32-60



Note! Product picture may differ from actual product

Product No.: 97924255

The Grundfos MAGNA3 circulator pump is the ideal choice for almost any building project – old or new. With its unrivalled energy efficiency, all-encompassing range and built-in communication capabilities, MAGNA3 is ideal for engineers and specifiers looking to create high-performance heating and cooling systems.

The pump is maintenance-free due to the canned-rotor type design. This also means that 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.

MAGNA3 features an intuitive display and allows you to connect wirelessly with the Grundfos GO Remote app, giving you access to advanced reporting and monitoring.

The pump includes fieldbus communication via CIM modules as well analog and digital inputs and configurable relays.

Control features include FLOWADAPT, which reduces the need for throttling valves, thus cutting costs on system components.

MAGNA3 is the superior choice for a wide range of heating and cooling applications, including:

Mixing loops

Heating surfaces

Air conditioning surfaces

Ground-source heat pump systems

Smaller chiller applications.

MAGNA3 is a single-phase pump and characterised by having the controller and control display integrated in the control box. The pump also has a built-in differential-pressure and temperature sensor.

The pump housing is available in both cast-iron and stainless-steel versions. The composite rotor can is carbon-fibre reinforced, the bearing plate and rotor cladding are made of stainless steel and the stator housing is made of aluminium. The power electronics are air-cooled.

MAGNA3 incorporates a 4-pole synchronous, permanent-magnet motor (PM motor). This motor type is characterised by higher efficiency than a conventional asynchronous squirrel-cage motor. The pump speed is controlled by an integrated frequency converter.

Features:

Vast communication options, including inputs, relays and fieldbus

The most energy-efficient pump range within the industry

Intelligent control functions

Stainless-steel variant to accommodate domestic hot-water applications

AutoAdapt

FlowAdapt, which reduces the need for throttling valves, cutting costs on system

components

Proportional-pressure control Constant-pressure control Constant-temperature control

Constant-flow control

Differential-temperature control (requires an additional temperature sensor)

Constant-curve duty

Maximum and minimum curve duty

Automatic night setback Heat energy monitor

No external motor protection required

Innovative clamp ring with only one screw enabling easy repositioning of the pump

nead



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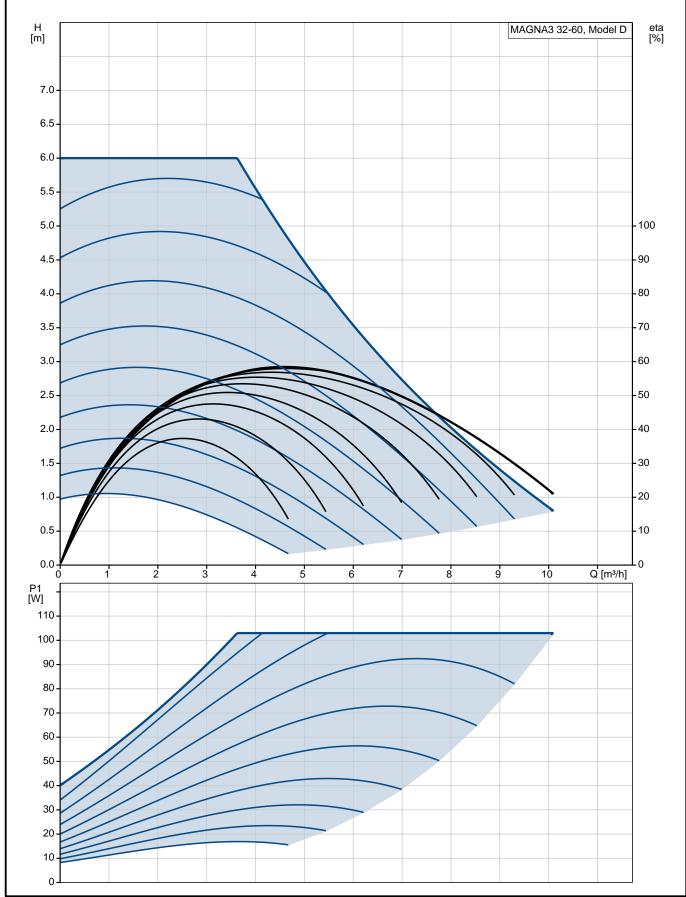
Qty.	Description	
		Insulating shells supplied with single-head pumps for heating systems Large temperature range due to air-cooled electronics.
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97924255 MAGNA3 32-60



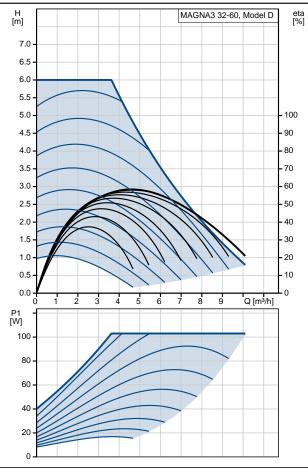


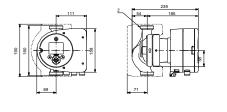
Company name: Anchor Pumps Company Limited **Created by:**

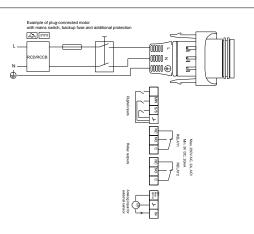
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General information: Product name: MAGNA3 32-60 Product No: 97924255 EAN number: 5710626493302 Technical: Rated flow: 4.71 m³/h Rated head: 4.77 m Head max: 60 dm TF class: 110 Approvals on nameplate: CE, VDE, EAC, CN ROHS, WEEE Model: D D Materials: D Materials: Pump housing: Cast iron Pump housing: EN-GJL-200 Pump housing: ASTM A48-200B Impeller: PES 30%GF Installation: Range of ambient temperature: 0 40 °C Maximum operating pressure: 10 bar Pipe connection: G 2° Pressure rating: PN 10 Port-to-port length: 180 mm Liquid: Water Liquid: Water Liquid temperature range: -10 110 °C Selected liquid temperature range: -10 110 °C Selected liquid temperature: 60 °C	Description	Value			
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Liquid temperature range: Selected liquid temperature: Density: 983.2 kg/m³ Electrical data: Power input - P1: Mains frequency: Rated voltage: 1 x 230 V Maximum current consumption: Enclosure class (IEC 34-5): Insulation class (IEC 85): F Others: Energy (EEI): Net weight: 4.8 kg Gross weight: Shipping volume: Danish VVS No.: Swedish RSK No.: Finnish LVI No.: Norwegian NRF no.: 983.2 kg/m³ 9 103 W	Liquid:				
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Danish VVS No.: 380791060 Swedish RSK No.: 5732578 Finnish LVI No.: 4615542 Norwegian NRF no.: 9042332 Country of origin: DE	Gross weight:	5.27 kg			
Swedish RSK No.: 5732578 Finnish LVI No.: 4615542 Norwegian NRF no.: 9042332 Country of origin: DE		0.015 m ³			
Finnish LVI No.: 4615542 Norwegian NRF no.: 9042332 Country of origin: DE	Danish VVS No.:	380791060			
Norwegian NRF no.: 9042332 Country of origin: DE	Swedish RSK No.:	5732578			
Country of origin: DE		4615542			
	_	9042332			
Custom tariff no.: 84137030		DE			
	Custom tariff no.:	84137030			





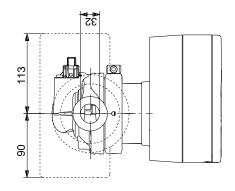


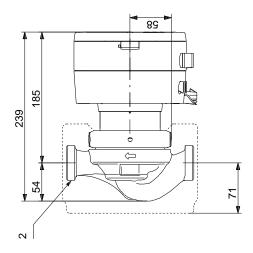


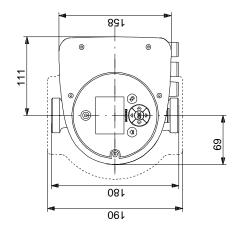
Created by: Phone:

Date: 19/11/2020

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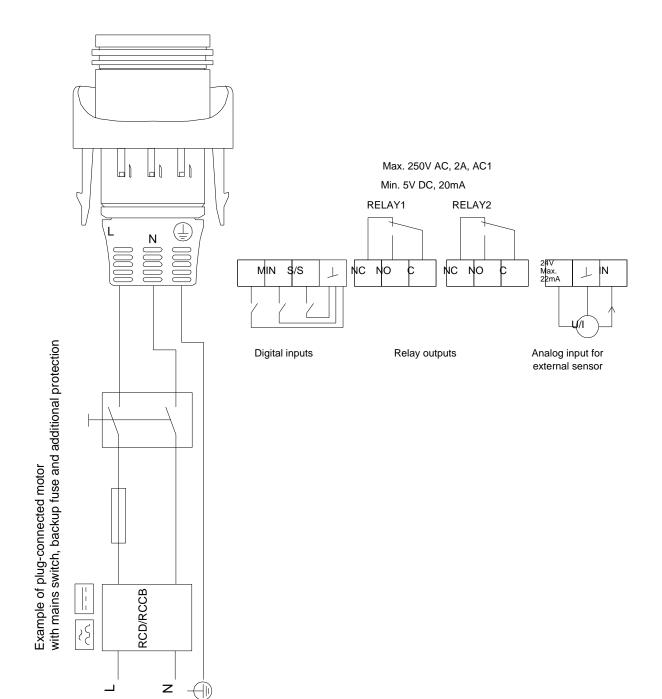
Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Created by: Phone:

Date: 19/11/2020

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