



Positie	Aantal	Omschrijving
	1	MAGNA3 32-100  Opm. De foto kan afwijken van het eigenlijke product Artikelnr.: 97924257 MAGNA3 – More than a pump With its unrivalled efficiency, all-encompassing range and built-in communication capabilities plus functionalities replacing system components, the MAGNA3 is ideal for engineers and specifiers looking to create high-performance systems for buildings. This pump in the Grundfos Master Class will fit both heating and cooling applications perfectly, making it the obvious choice for almost any building project – old or new. The MAGNA3 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. The innovative clamp with only one screw enables easy repositioning of the pump head. The MAGNA3 is a pump with no maintenance requirements and with extremely low Life Cycle Cost. The pump is characterised by the following: • controller integrated in the control box • control panel with TFT display on the control box • control box prepared for optional CIM modules • built-in differential-pressure and temperature sensor • cast-iron pump housing (depending on model) • carbon-fibre-reinforced composite rotor can • stainless-steel bearing plate and rotor cladding • aluminium alloy stator housing • air-cooled power electronics The MAGNA3 is a single-phase pump. Characteristic features • AUTOADAPT. • FLOWADAPT and FLOWLIMIT (more than a pump function as it reduces the need for pump throttling valves). • Proportional-pressure control. • Constant-pressure control. • Constant-temperature control. • Constant-curve duty. • Max. or min. curve duty. • Automatic Night Setback. • No external motor protection required. • Insulating shells supplied with single-head pumps for heating systems. • Large temperature range where the liquid temperature and the ambient temperature are independent of each other. Communication The MAGNA3 enables communication via the following: • wireless Grundfos GO Remote • fieldbus communication via CIM modules



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		• digital inputs • relay outputs • analog input (more than a pump function as heat energy meter) Motor and electronic controller The 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. A differential-pressure and temperature sensor is incorporated in the pump. Vloeistof: Bereik vloeistoftemperatuur: -10 .. 110 °C Technisch: TF klasse: 110 Keurmerken op typeplaat: CE,VDE,EAC Materialen: Pomphuis: Gietijzer EN-GJL-200 ASTM A48-200B Waaier: PES 30%GF Installatie: Reeks van omgevingstemperaturen: 0 .. 40 °C Maximale bedrijfsdruk: 10 bar Leidingaansluiting: G 2" Druktrap: PN10 Inbouwlengte: 180 mm Elektrische gegevens: Vermogen - P1: 9 .. 180 W Maximum stroomverbruik: 0.09 .. 1.47 A Netfrequentie: 50 Hz Nominale spanning: 1 x 230 V Dichtheidsklasse (IEC 34-5): X4D Insolatie klasse (IEC 85): F Overige: Label: Grundfos Blueflux Energy (EEI): 0.19 Netto gewicht: 4.81 kg Bruto gewicht: 5.27 kg Transportvolume: 0.015 m³

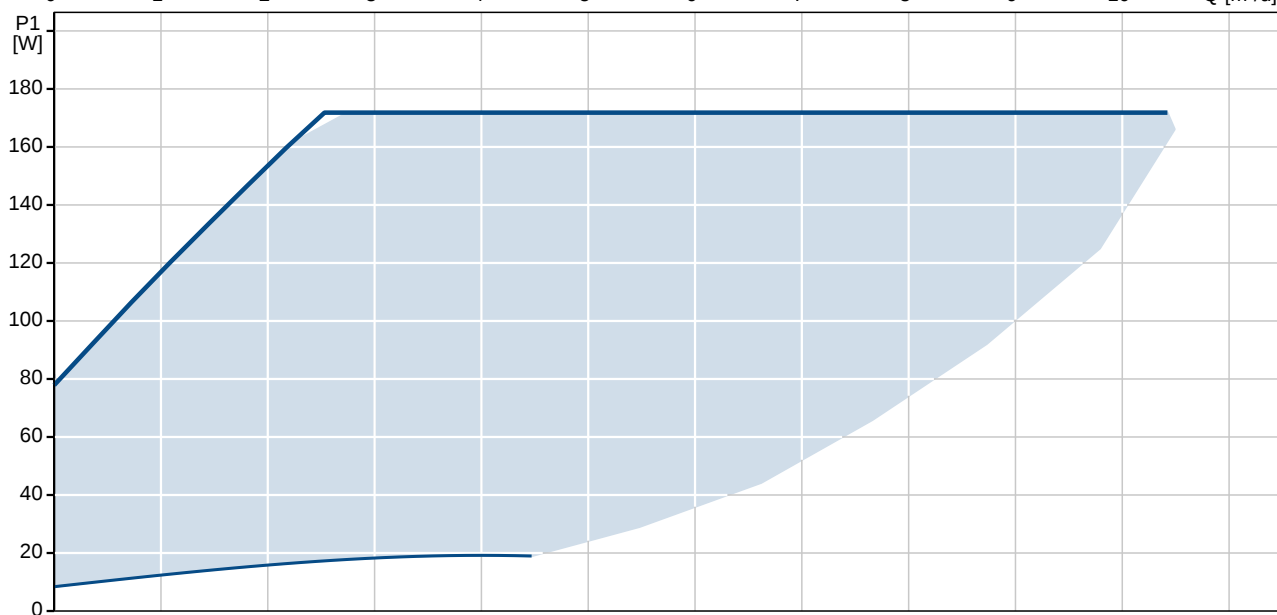
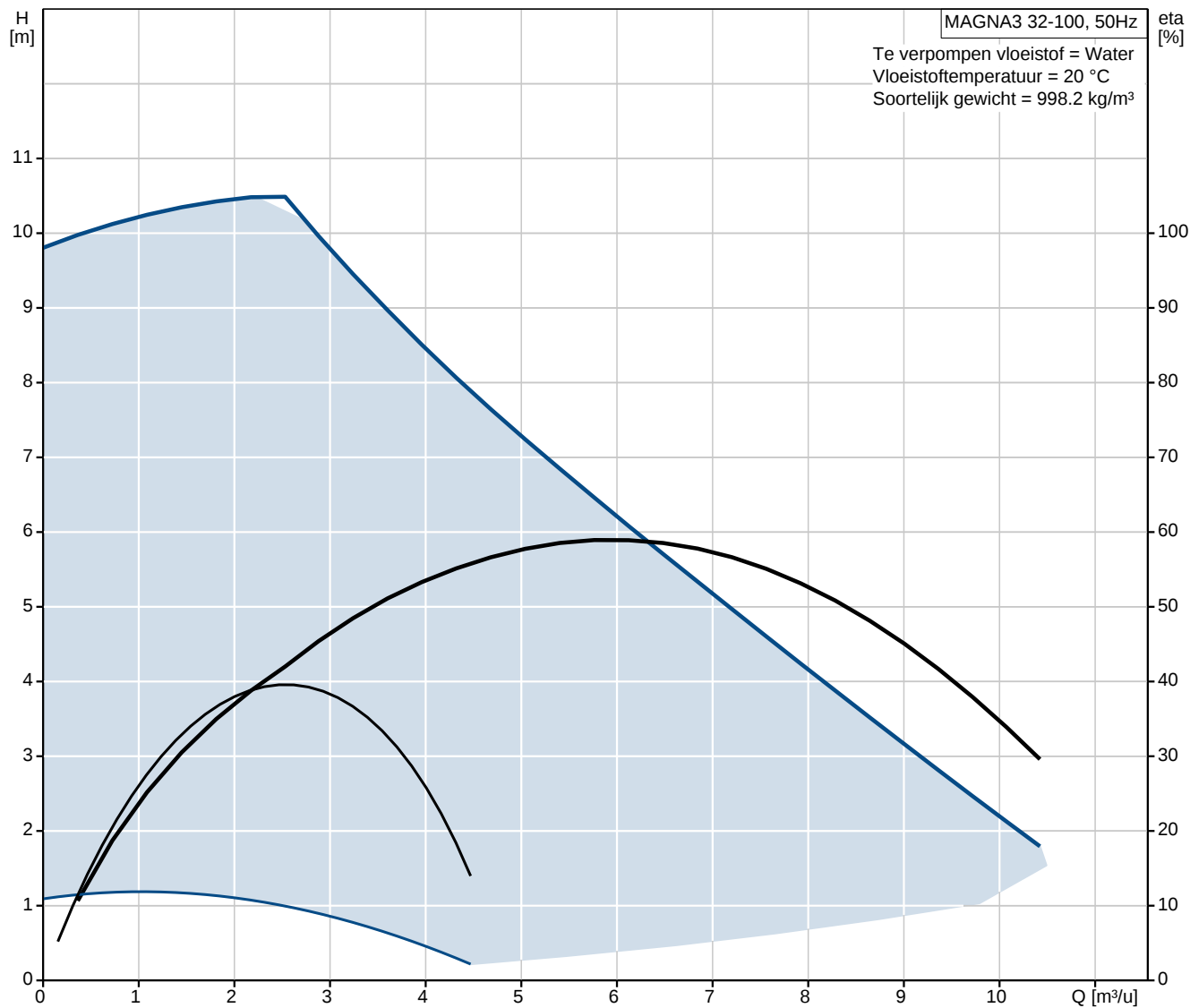
GRUNDFOS®



Firma naam:
Gemaakt door:
Telefoon:

Datum:

97924257 MAGNA3 32-100 50 Hz



Omschrijving Specificatie

Algemene informatie:

Productnaam::	MAGNA3 32-100
Positie	
Artikelnummer::	97924257
EAN nummer::	5710626493326
Prijs:	Op aanvraag

Technisch:

Max. opvoerhoogte:	100 dm
TF klasse:	110
Keurmerken op typeplaat:	CE,VDE,EAC
Model:	A

Materialen:

Pomphuis:	Gietijzer EN-GJL-200 ASTM A48-200B
Waaier:	PES 30%GF

Installatie:

Reeks van omgevingstemperaturen:	0 .. 40 °C
Maximale bedrijfsdruk:	10 bar
Leidingaansluiting:	G 2"
Druktrap:	PN10
Inbouwlengthe:	180 mm

Vloeistof:

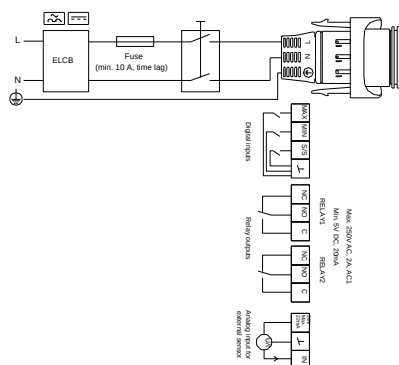
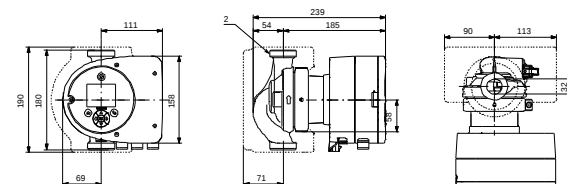
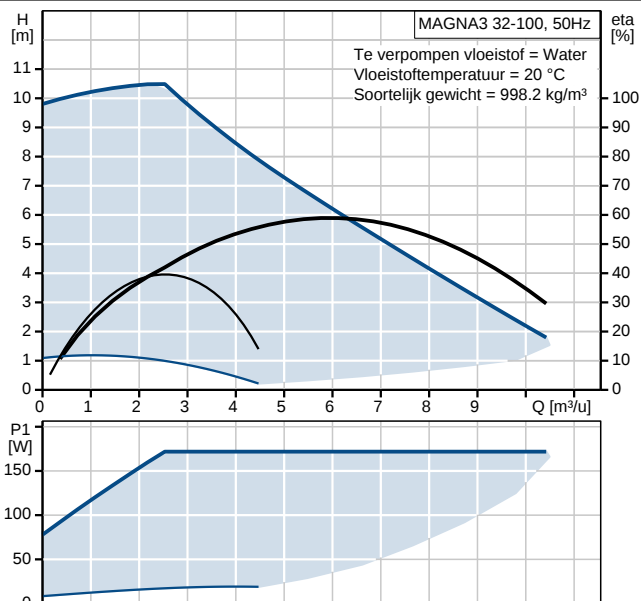
Bereik vloeistoftemperatuur:	-10 .. 110 °C
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Elektrische gegevens:

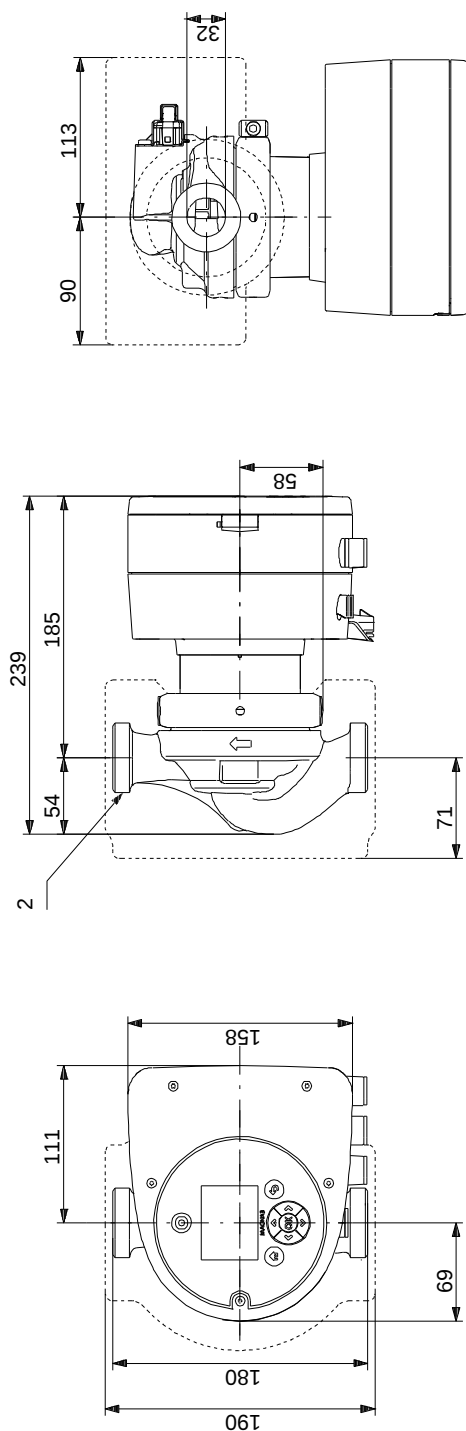
Vermogen - P1:	9 .. 180 W
Maximum stroomverbruik:	0.09 .. 1.47 A
Netfrequentie:	50 Hz
Nominale spanning:	1 x 230 V
Dichtheidsklasse (IEC 34-5):	X4D
Insolatie klasse (IEC 85):	F

Overige:

Label:	Grundfos Blueflux
Energy (EEI):	0.19
Netto gewicht:	4.81 kg
Bruto gewicht:	5.27 kg
Transportvolume:	0.015 m³

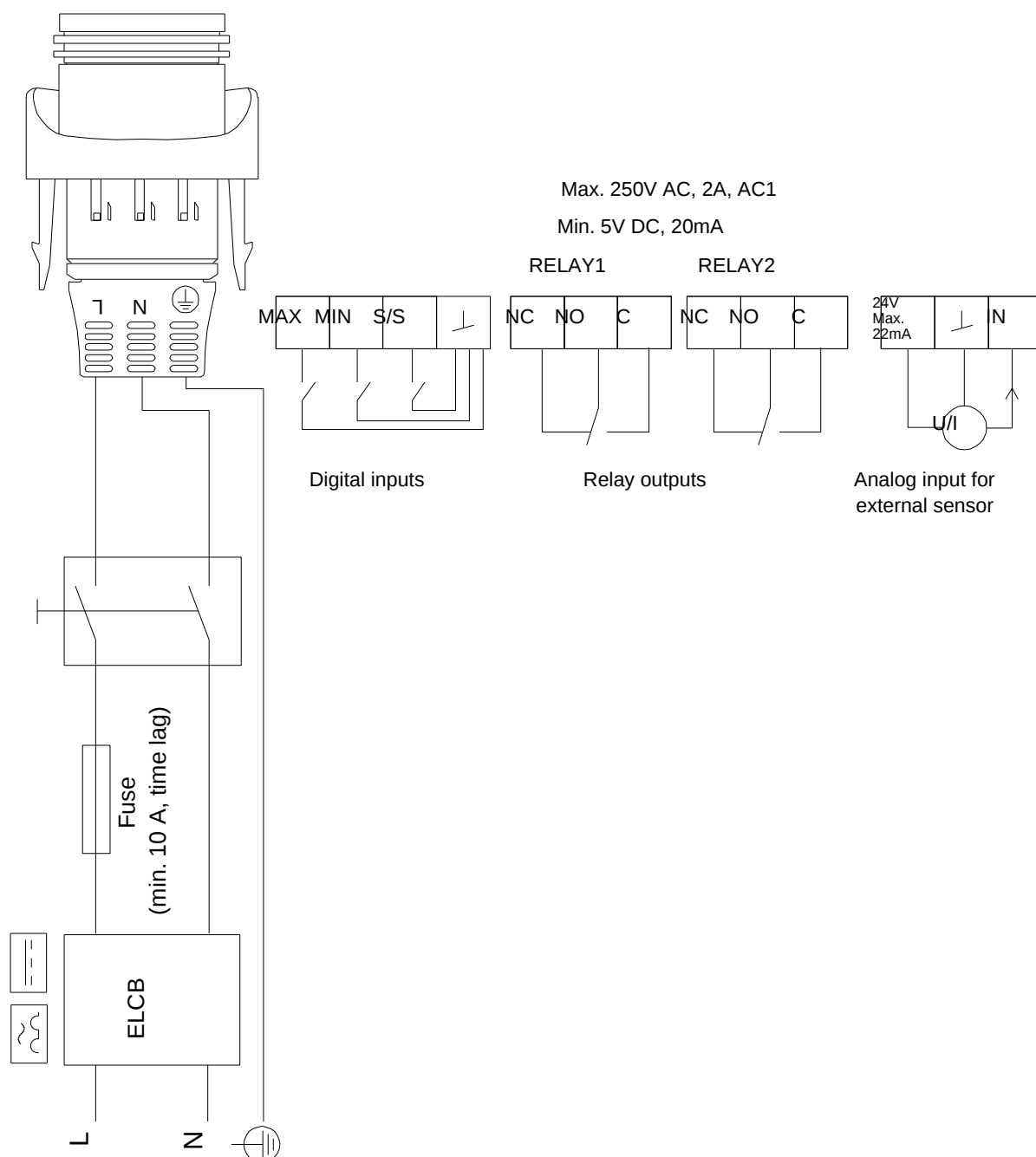


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Opm! Alle unit's zijn in [mm] tenzij anders aangegeven.
Disclaimer: Deze eenvoudige maatschets toont u niet alle details.

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Opm.: Alle eenheden in (mm) tenzij anders vermeld