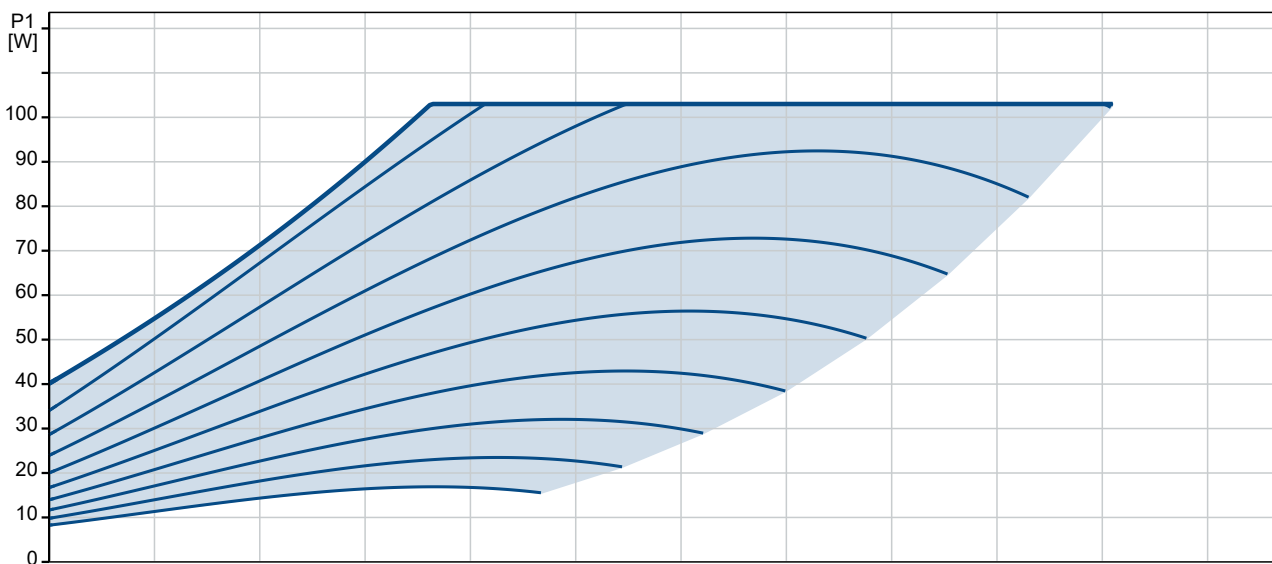
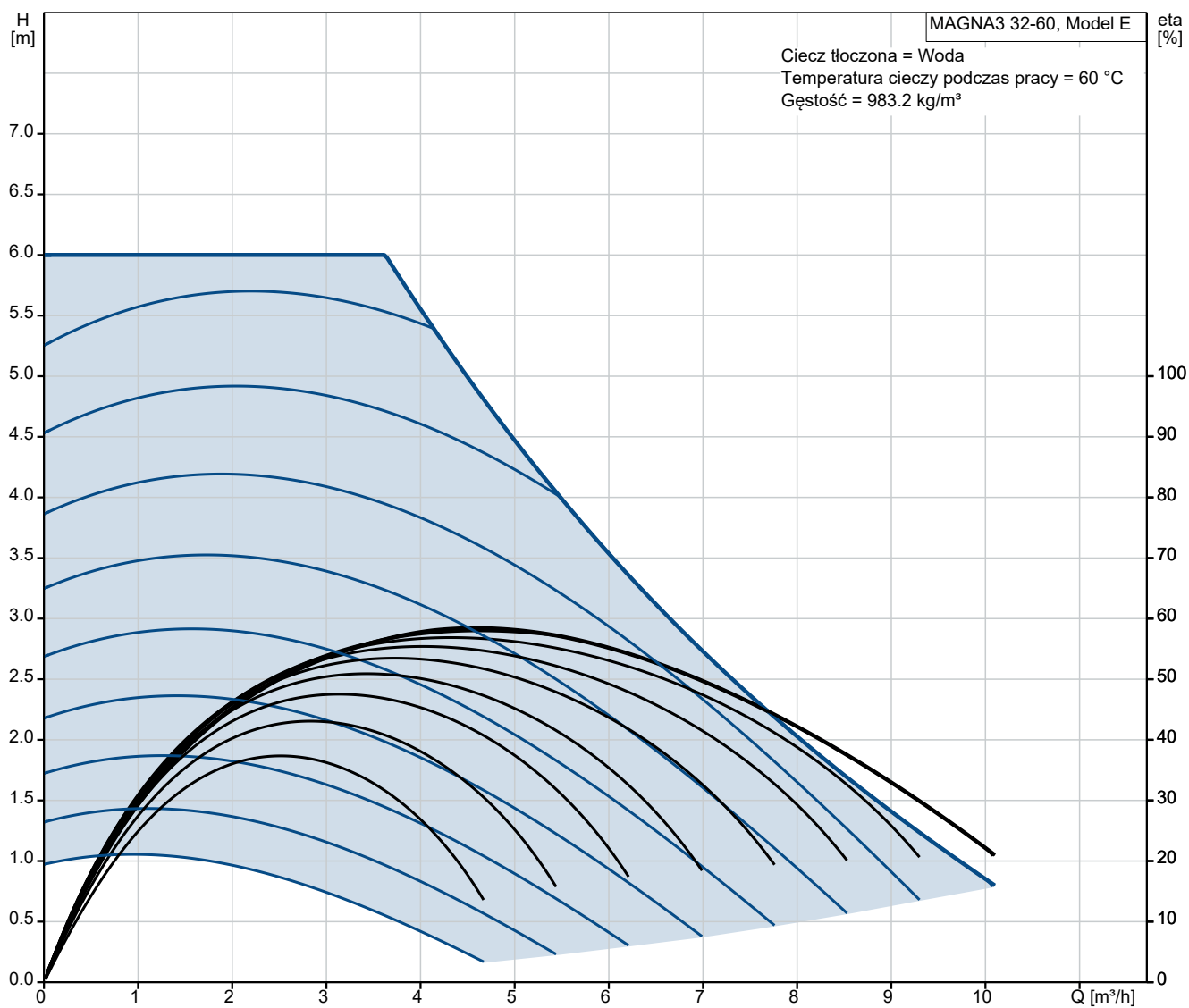


Ilość	Opis
1	MAGNA3 32-60 Uwaga! Zdjęcie produktu może się różnić od aktualnego Nr katalogowy: 97924255 The Grundfos MAGNA3 circulator pump is the ideal choice for almost any building project – old or new. With its unrivalled energy efficiency, all-encompassing range and built-in communication capabilities, 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. MAGNA3 model E has Bluetooth, which allows you to connect directly to Grundfos Go app on your smart phone without any need for a dongle. The pump includes fieldbus communication via CIM modules as well as analog and digital inputs and configurable relays. Control features include AUTOADAPT and FLOWADAPT. 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.

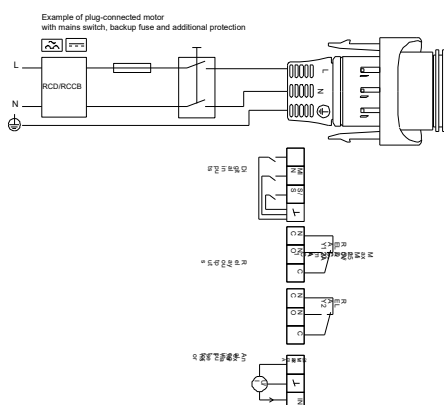
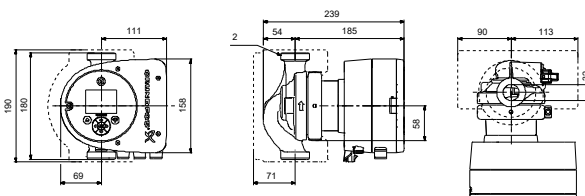
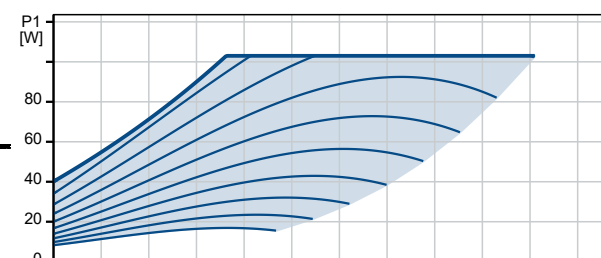
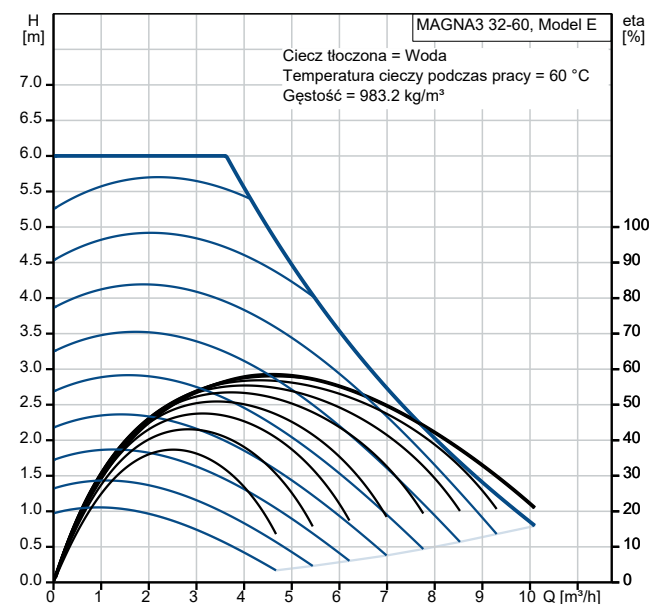


- Mixing loops
 - Heating surfaces
 - Air conditioning surfaces
 - Ground-source heat pump systems
 - Smaller chiller applications.

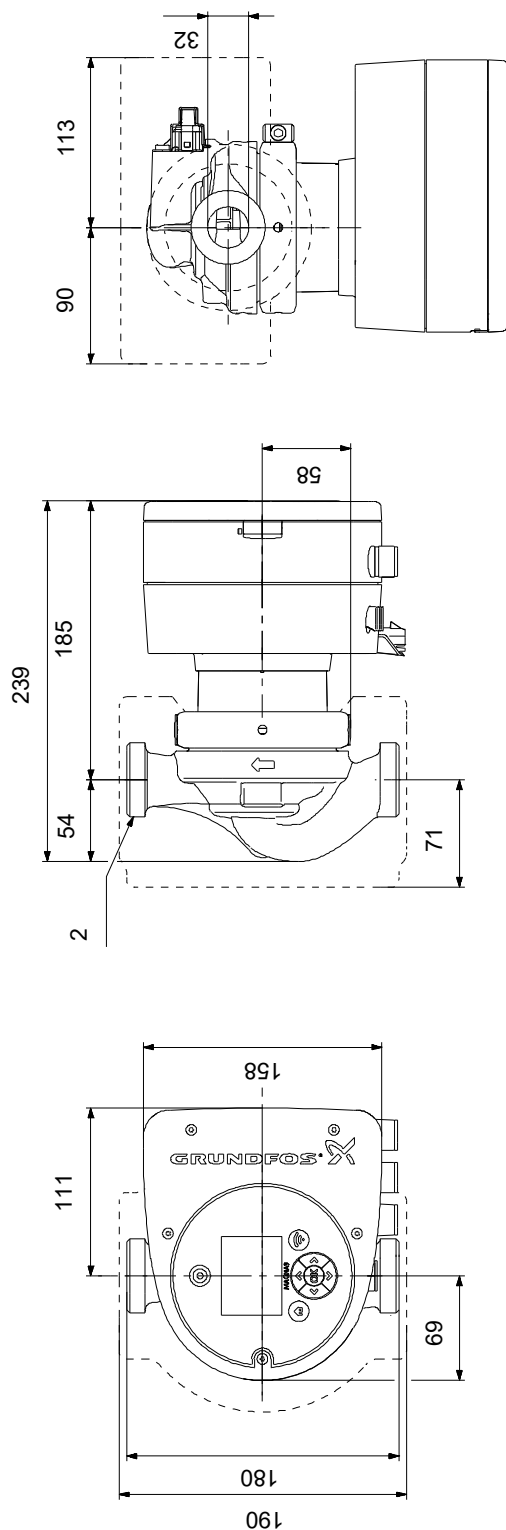
97924255 MAGNA3 32-60



Opis	Wartość
Informacje ogólne:	
Nazwa wyrobu:	MAGNA3 32-60
Nr katalogowy:	97924255
Numer EAN:	5710626493302
Cena:	EUR 1164.78
Techniczne:	
Przepływ znamionowy:	4.71 m³/h
Wysokość podnoszenia:	4.77 m
H max:	60 dm
Klasa TF:	110
Approvals:	CE, VDE, EAC, MOROCCO, UKCA, TSERCM, UkrSEPRO
Model:	E
Materiały:	
Korpus pompy:	Żeliwo szare
Korpus pompy:	EN-GJL-200
Korpus pompy:	ASTM A48-200B
Wirnik:	PES 30%GF
Instalacja:	
Zakres temperatury otoczenia:	0 .. 40 °C
Maksymalne ciśnienie pracy:	10 bar
Przyłącze rurowe:	G 2"
Ciśnienie:	PN 10
Długość montażowa:	180 mm
Ciecz:	
Czynnik tłoczony:	Woda
Zakres temperatury cieczy:	-10 .. 110 °C
Temperatura cieczy podczas pracy:	60 °C
Gęstość:	983.2 kg/m³
Dane elektryczne:	
Moc wejściowa-P1:	9 .. 103 W
Częstotliwość podstawowa:	50 / 60 Hz
Napięcie znamionowe [V]:	1 x 230 V
Max. zużycie prądu:	0.09 .. 0.91 A
Rodzaj ochrony (IEC 34-5):	X4D
Klasa izolacji (IEC 85):	F
Inne:	
Energia (EEI):	0.18
Masa netto:	5.25 kg
Masa:	5.89 kg
Koszt wysyłki:	0.015 m³
duński nr VVS:	380791060
Swedish RSK nr.:	5732578
Fiński numer LVI:	4615542
Norweski NRF nr.:	9042332
Kraj pochodzenia:	DE
Numer taryfy celnej nr.:	84137030
Environmental approvals:	CN ROHS, WEEE

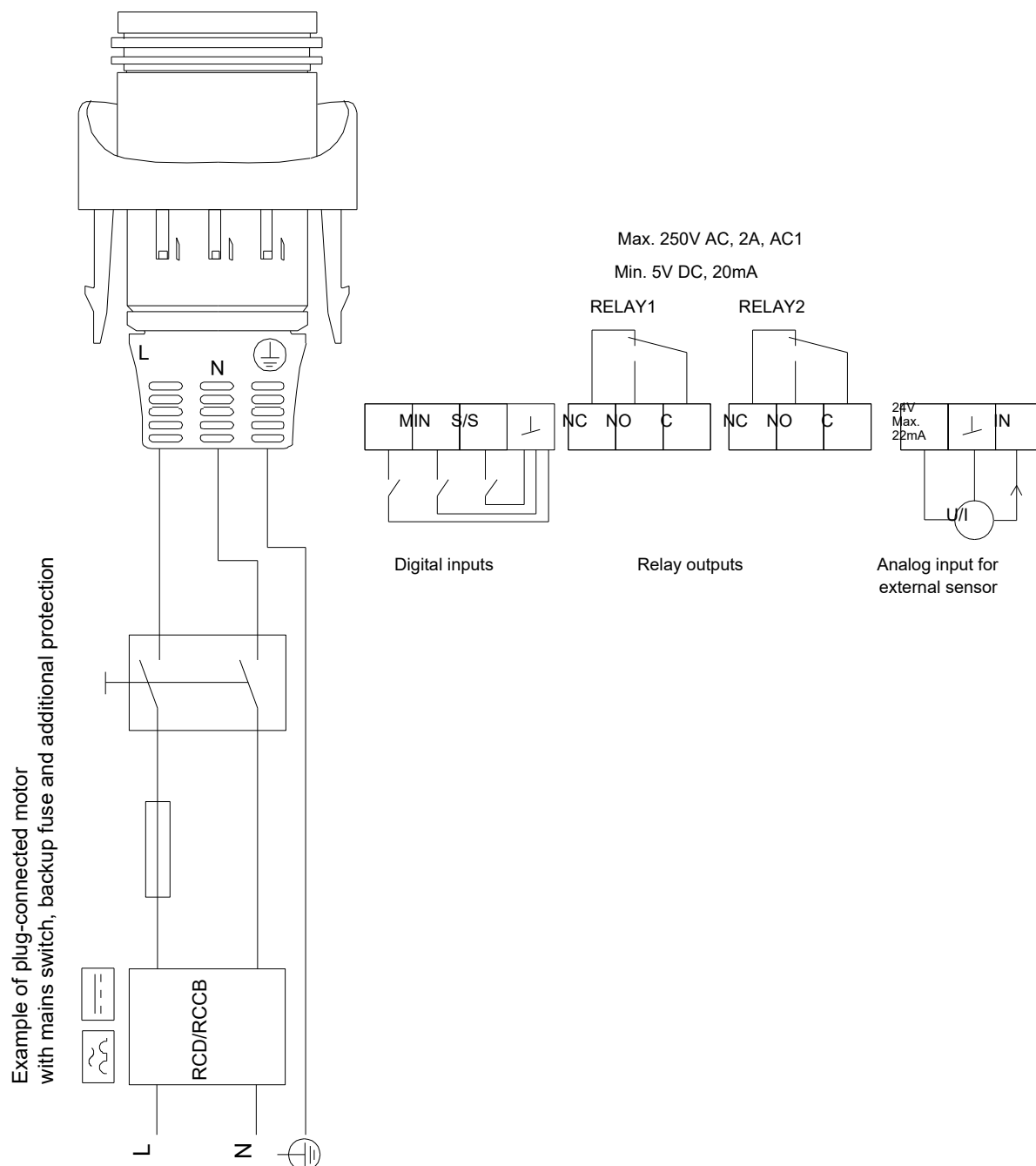


97924255 MAGNA3 32-60



Uwaga! Wszystkie jednostki są podane w [mm] jeżeli nie zaznaczono inaczej.
Oświadczenie: Rysunki uproszczone nie pokazują wszystkich szczegółów.

97924255 MAGNA3 32-60



Uwaga! Wszystkie wymiary są w [mm] jeżeli nie zostały podane inne jednostki.