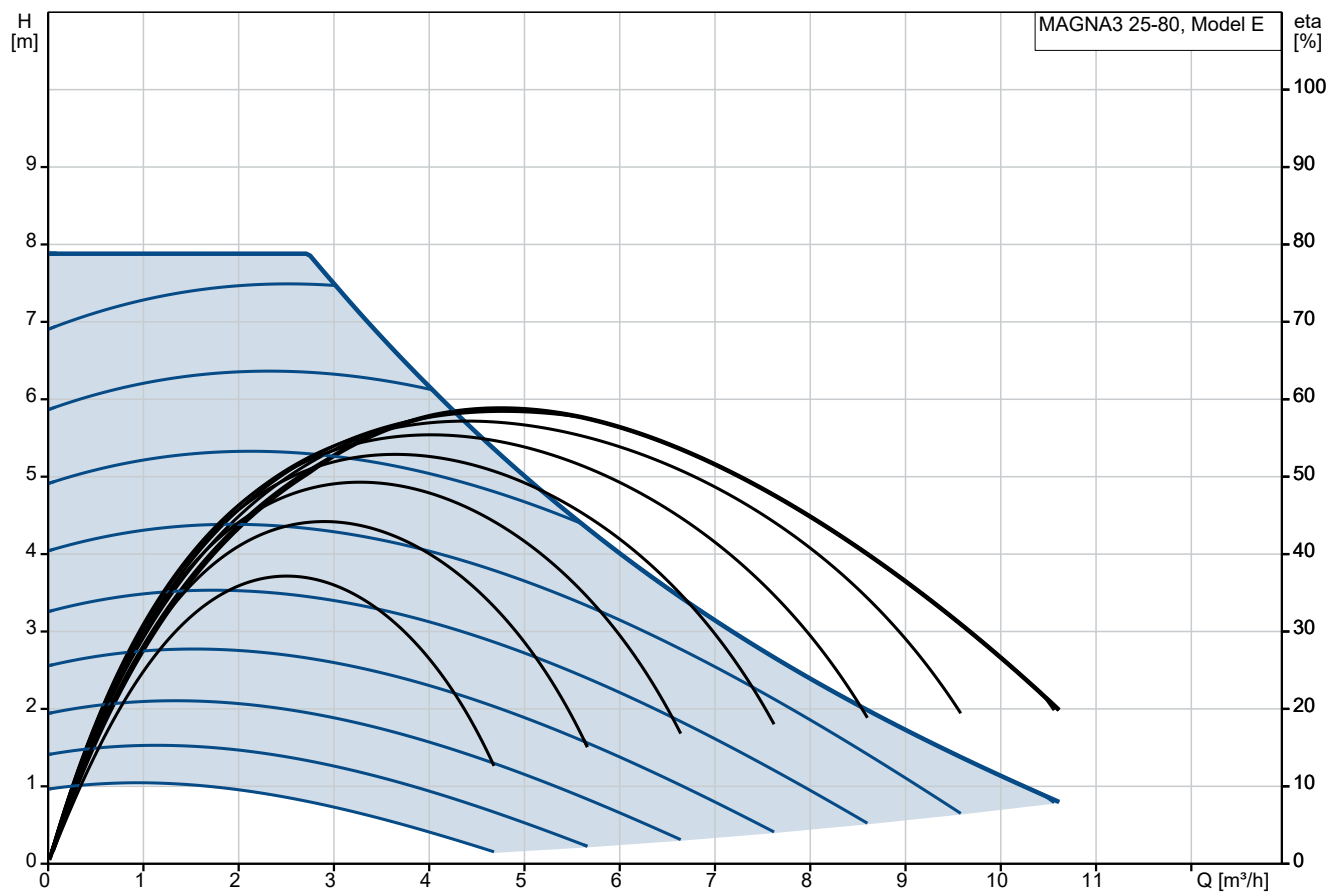
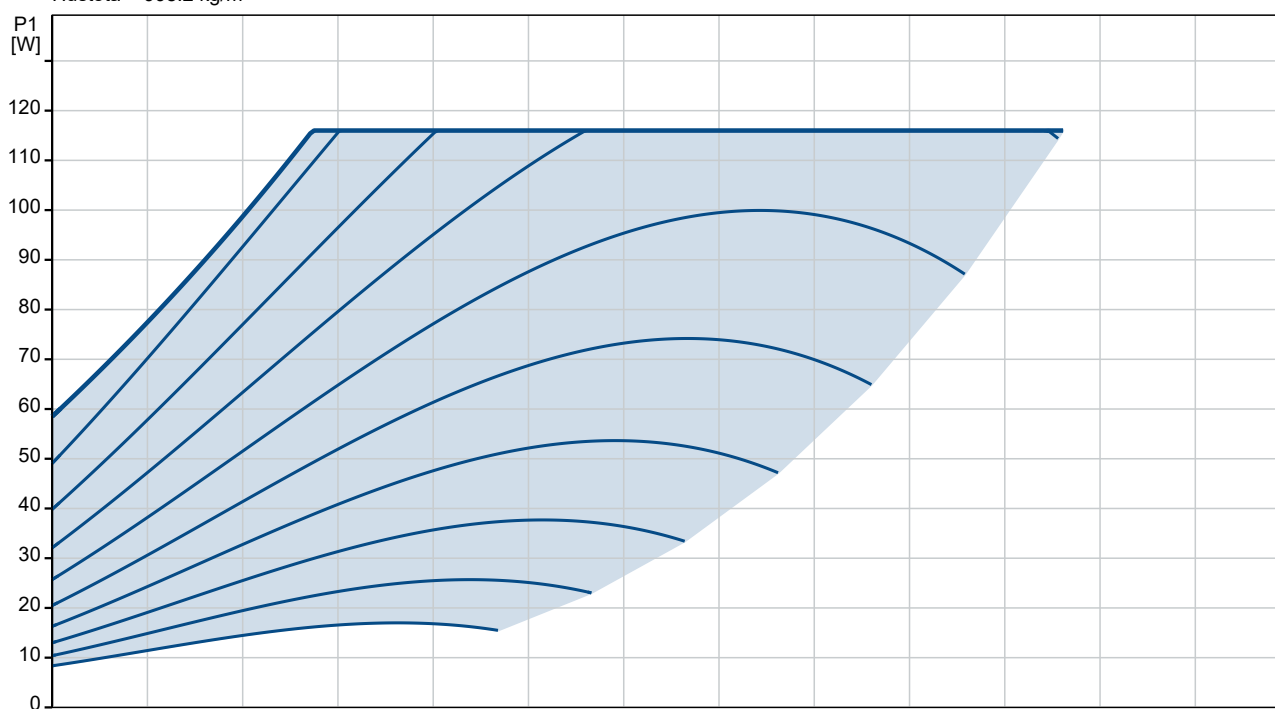


Množstvo	Popis
1	MAGNA3 25-80  Poznámka: Obrázok produktu sa môže líšiť od skutočného produktu Objednacie č.: 97924246 The Grundfos MAGNA3 circulator pump is the ideal choice for almost any building project – old or new. With its unrivalled energy efficiency, all-encompassing range and built-in communication 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 the Grundfos GO app on your smart phone without any need for a dongle. The pump includes fieldbus communication via CIM modules as well as analogue and digital inputs and configurable relays. Control features include AUTOADAPT and FLOWADAPT. FLOWADAPT 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 • small chiller applications. MAGNA3 is a single-phase pump characterised by the controller and control display being 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 be 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.

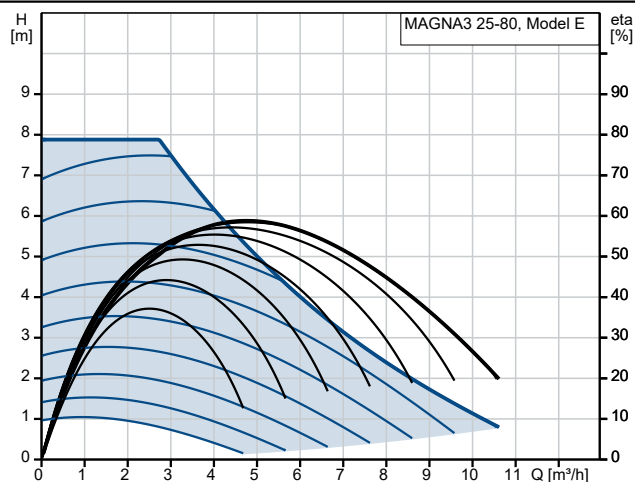
97924246 MAGNA3 25-80



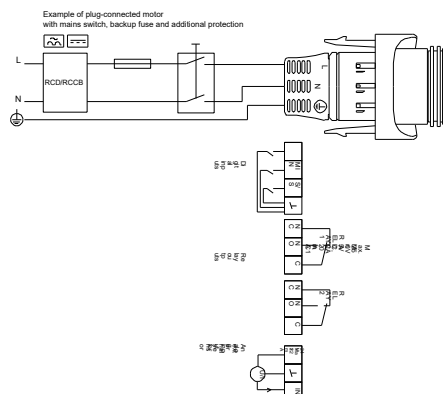
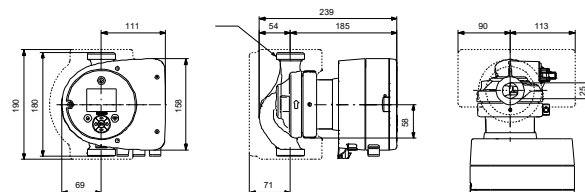
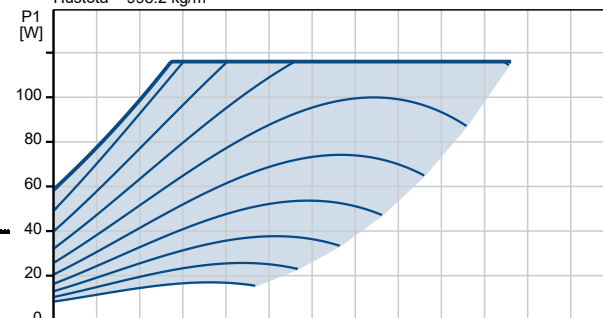
Čerpaná kvapalina = Voda
Teplota kvapaliny počas prevádzky = 20 °C
Hustota = 998.2 kg/m³



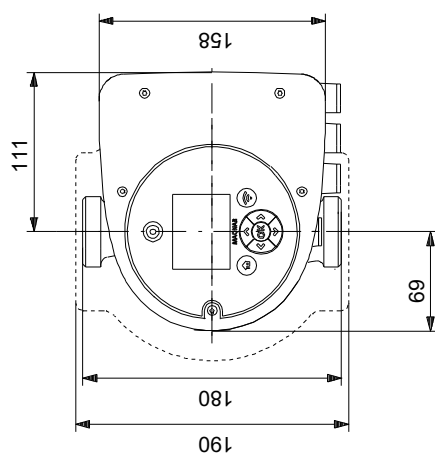
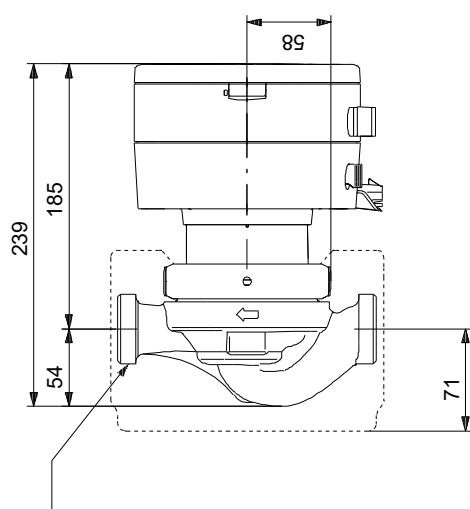
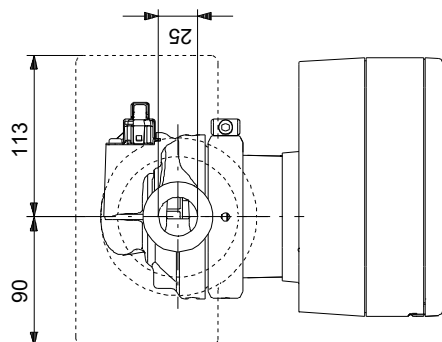
Popis	Hodnota
Všeobecné informácie:	
Názov produktu:	MAGNA3 25-80
Objednacie číslo:	97924246
Číslo EAN:	5710626493210
Techn.:	
Menovitý prietok:	4.5 m³/h
Men.dopravná výška:	5.649 m
Max. výtláčná výška:	80 dm
Trieda TF:	110
Approvals:	CE,VDE,EAC,MOROCCO,UKCA RCM,UkrSEPRO
Model:	E
Materiály:	
Teleso čerpadla:	Šedá liatina EN 1561 EN-GJL-200 ASTM A48-200B
Obežné koleso:	Kompozit
Inštalácia:	
Rozsah teploty okolia:	0 .. 40 °C
Maximálny prevádzkový tlak:	10 bar
Druh pripojenia:	G
Veľkosť pripojenia:	1 1/2 inch
PN pre potrubnú prípojku:	PN 10
Pripojenie na prip.:	180 mm
Kvapalina:	
Čerpaná kvapalina:	Voda
Rozsah teploty kvapaliny:	-10 .. 110 °C
Vybraná teplota kvapaliny:	20 °C
Hustota:	998.2 kg/m³
Elektrické údaje:	
P1 max:	116 W
P1 min.:	9 W
f:	50 / 60 Hz
Menovité napätie:	1 x 230 V
Minimálny odber prúdu:	0.09 A
I MAX:	1.02 A
n:	4050 rpm
Krytie IP:	IPX4D
Izolácia:	F
Iné:	
Energia (EEI):	0.18
Čistá hmotnosť:	5.11 kg
Hrubá hmotnosť:	5.84 kg
Prepravné množstvo:	0.015 m³
Dánčina:	380790080
Švédčina:	5732574
Fínčina:	4615544
Nórčina:	9042327
Environmentálne schválenia:	CN ROHS,WEEE



Čerpaná kvapalina = Voda
Teplota kvapaliny počas prevádzky = 20 °C
Hustota = 998.2 kg/m³

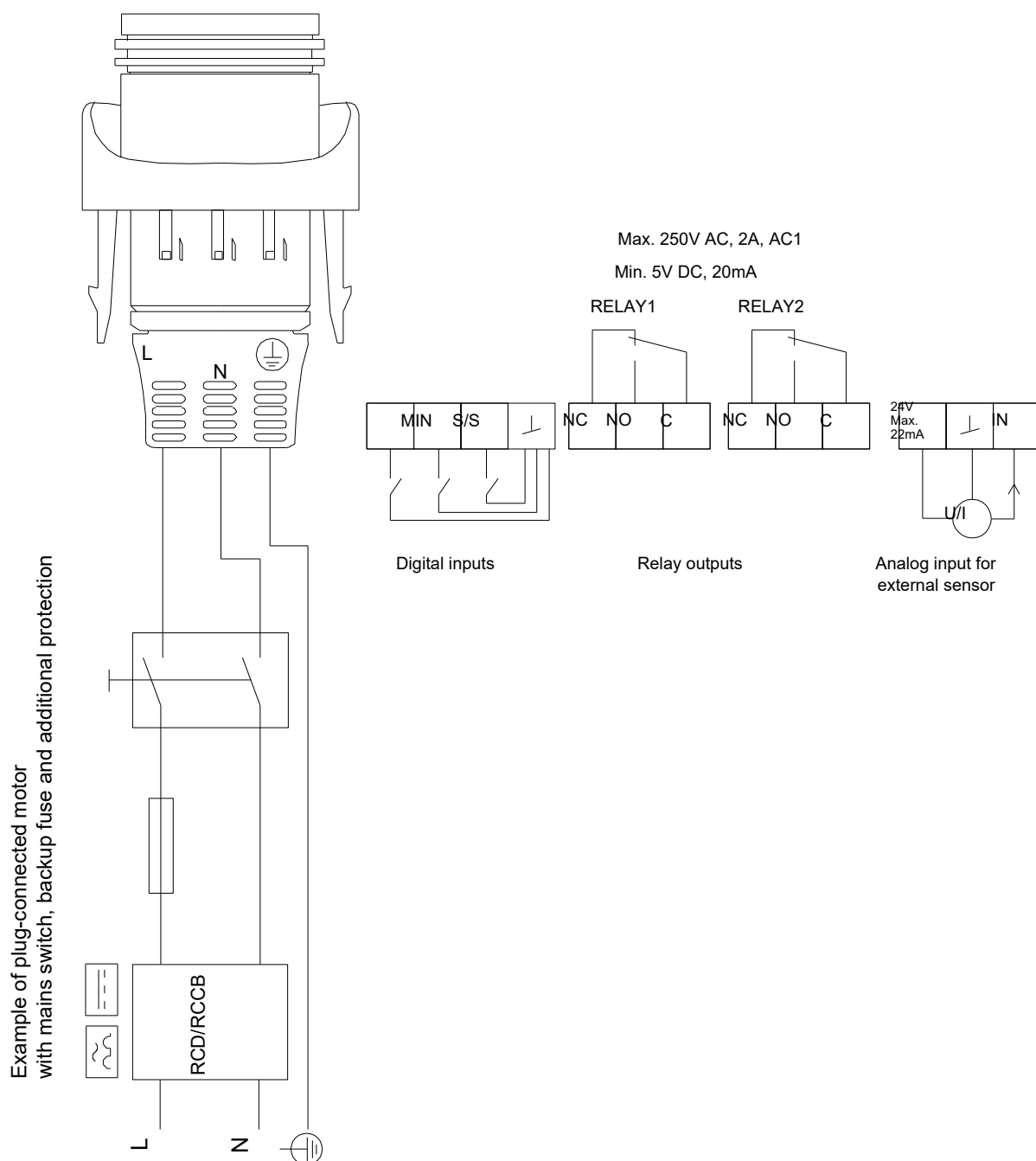


97924246 MAGNA3 25-80



Upozornenie! Všetky jednotky musia byť v [mm], pokiaľ nie je uvedené inak.
Poznámka: Tento zjednodušený rozmerový náčrtok nezobrazuje všetky detaily.

97924246 MAGNA3 25-80



Upozornenie! Všetky jednotky sú v [mm], pokiaľ nie je uvedené inak!

