

Кол.	Описание
1	MAGNA1 40-120 F Забележка! Показаната снимка може да се различава от реалната. Продуктов номер: 99221305 The Grundfos MAGNA1 circulator pump is the simple option for a job well done. With its high energy efficiency, the product complies with the EuP 2015 regulations, ensuring substantial savings on electricity. With its intuitive, user-friendly interface and maintenance-free design, MAGNA1 is the ideal circulator pump for basic performance needs in applications where basic system control and monitoring are desired. With this range of circulator pumps, everything from setup to basic control and monitoring are made easy. The pump is maintenance-free due to the canned-rotor type design. MAGNA1 offers the possibility of monitoring the pump via the fault relay output. The digital start and stop input remotely controls the pump. The pump communicates wirelessly with the Grundfos GO Remote app. MAGNA1 can work as the main pump in both heating and cooling applications, including: • mixing loops • heating surfaces • air-conditioning surfaces • ground-source heat pump systems • small chiller applications. MAGNA1 is a single-phase pump characterised by the controller and operating panel being integrated in the control box. 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. The pump 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.



Забележка! Показаната снимка може да се различава от реалната.

Продуктов номер: [99221305](#)

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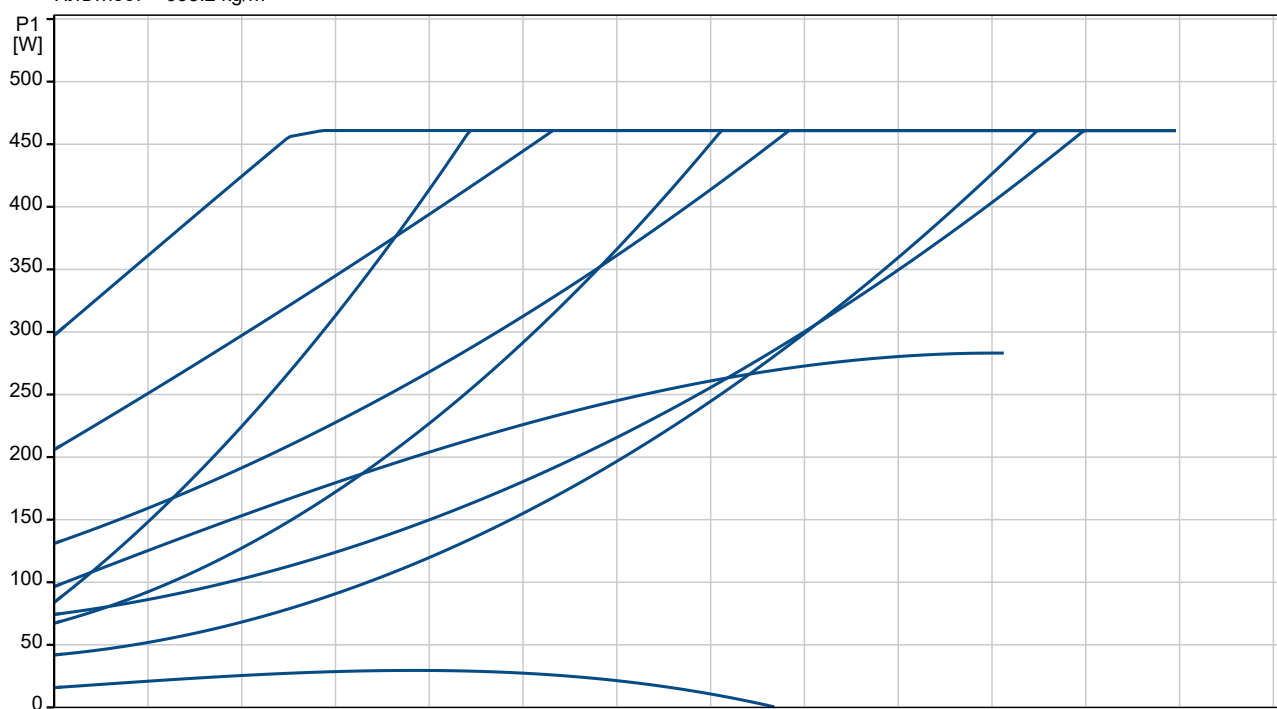
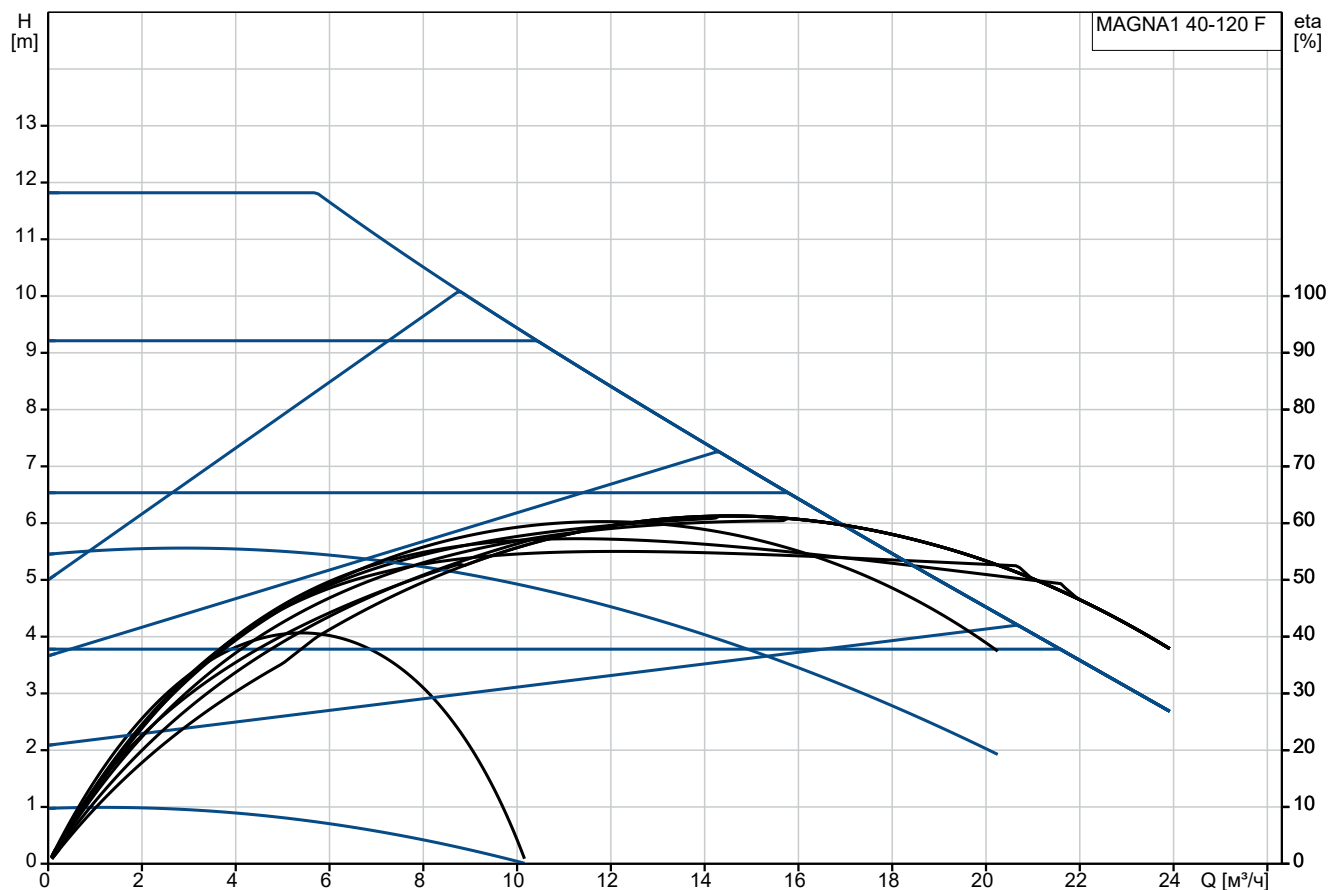
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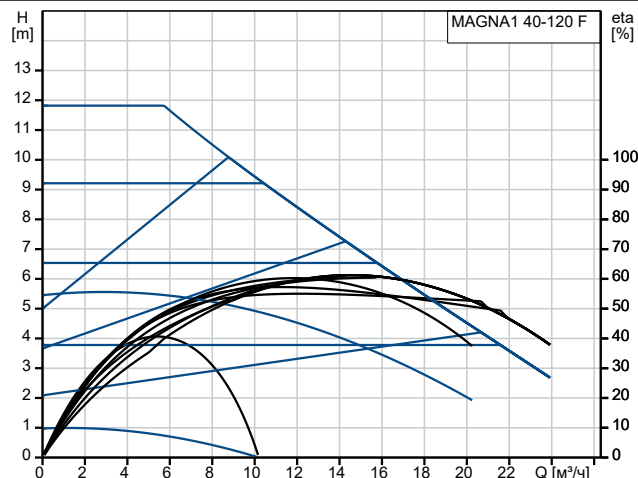
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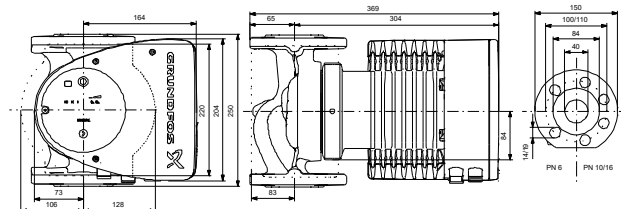
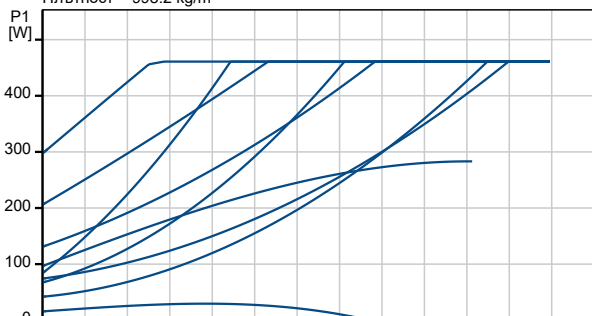
99221305 MAGNA1 40-120 F



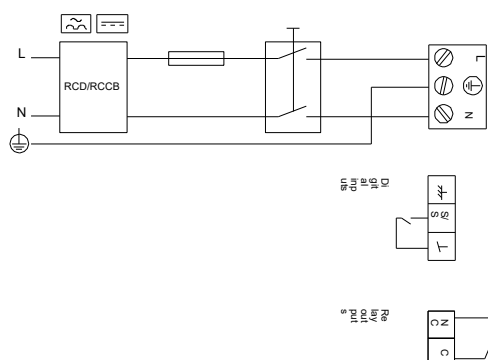
Описание	Стойност
Обща информация:	
Име на продукт:	MAGNA1 40-120 F
Продукт No.:	99221305
EAN номер:	5712608942785
Технически:	
Максимален напор:	120 dm
Температурен клас на флуида:	110
Approvals:	CE,VDE,EAC,MOROCCO,UKCA RCM,UkrSEPRO
Модел:	C </td
Материали:	
Помпен корпус:	Чугун EN 1561 EN-GJL-250 ASTM A48-250B
Работно колело:	Композит
Инсталиране:	
Диапазон на околната температура:	0 .. 40 °C
Максимално работно налягане:	10 bar
Тип връзка:	DIN
Размер на връзката:	DN 40
Номинални налягания за тръбните връзки:	PN 6/10
Разстояние между входния и изходния фланец:	250 mm
Течност:	
Работен флуид:	Вода
Диапазон на температурата на течността:	-10 .. 110 °C
Избрана температура на течността:	20 °C
Плътност:	998.2 kg/m ³
Електрич. данни:	
Максимална входна мощност - P1:	463 W
P1 min.:	15.01 W
Основна честота:	50 / 60 Hz
Номинално напрежение:	1 x 230 V
Минимална консумация на ток:	0.18 A
Максимална консумация на ток:	2.05 A
Максимална скорост:	4034 rpm
Степен на защитеност (IEC 34-5):	IPX4D
Изоляционен клас (IEC 85):	F
Други:	
Енергия (EEI):	0.20
Нетно тегло:	16 kg
Брутно тегло:	17.5 kg
Обем за спедиране:	0.039 m ³
Финландски LVI номер:	4615190
Страна на произход:	DE
Митнически тарифен номер:	84137030
Екологични одобрения:	CN ROHS,WEEE



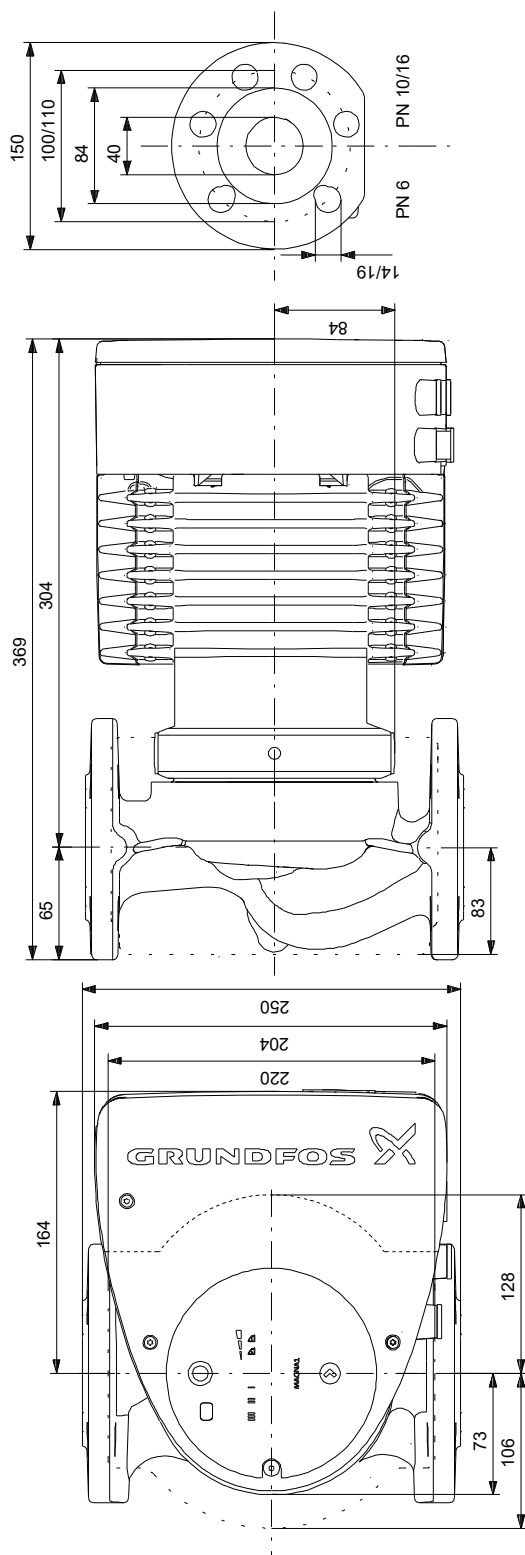
Изпомпвана течност = Вода
 Температура на течността по време на работа = 20 °C
 Плътност = 998.2 kg/m³



Example of mains-connected motor with mains switch, backup fuse and additional protection



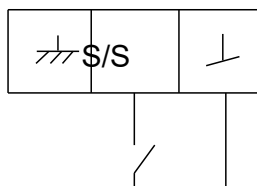
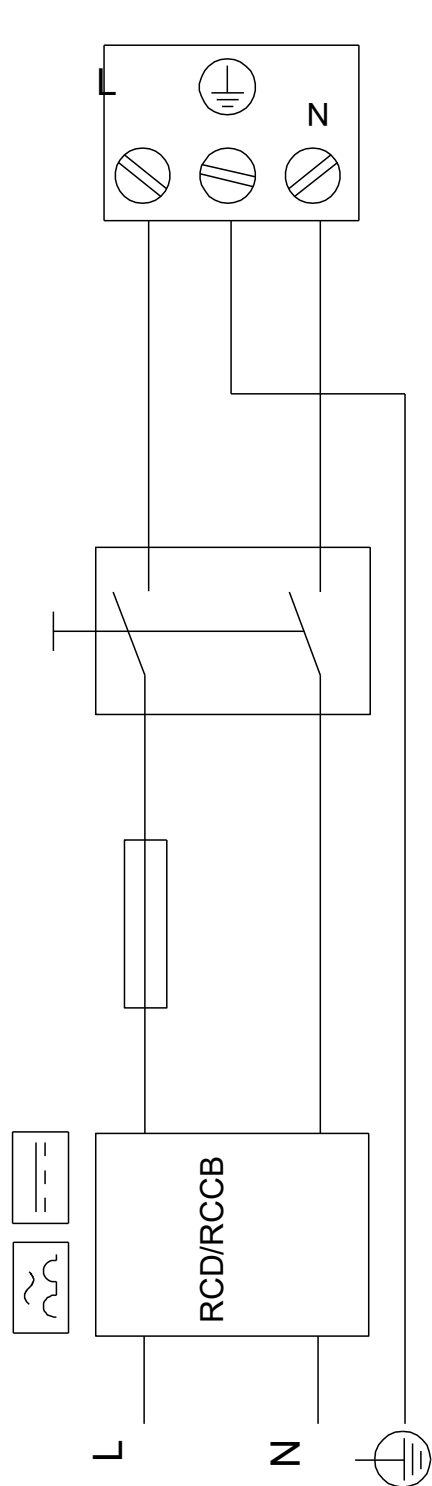
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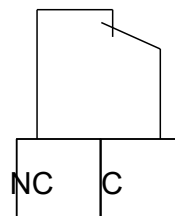
Забележка! Всички стойности са в [mm], освен ако е посочено друго.
Опровержение: Този опростен оразмерителен чертеж не показва всички детайли.

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Digital inputs



Relay outputs

Забележка! Всички размери са в [mm], освен ако не е означено друго.