
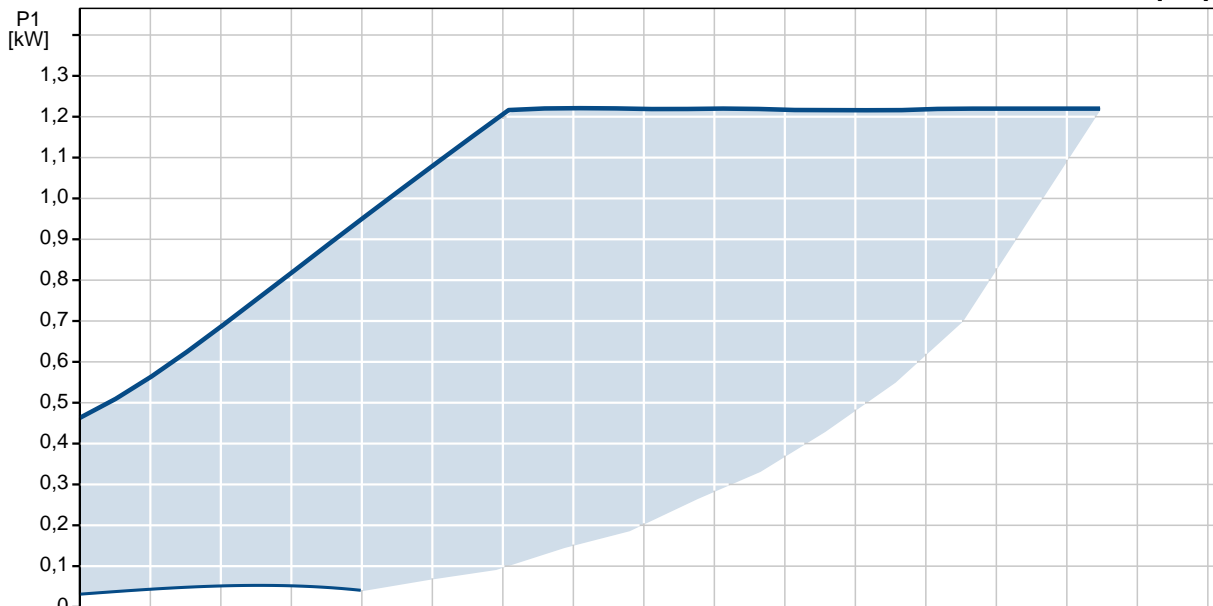
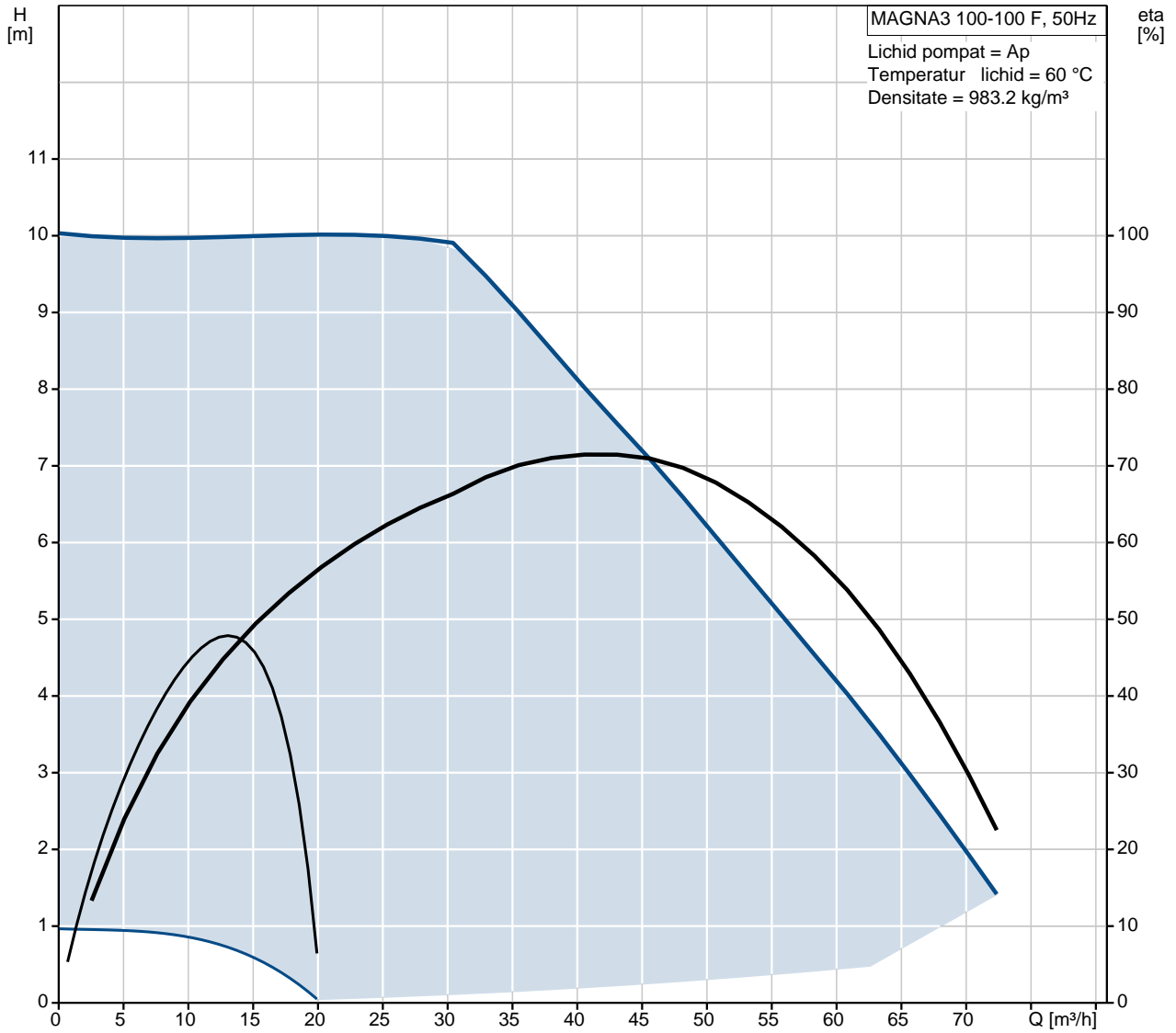


Pozitie	Cant.	Descriere
	1	<p><b>MAGNA3 100-100 F</b></p>  <p>Nr. Produs: <a href="#">97924324</a></p> <p><b>MAGNA3 – More than a pump</b>            With its unrivalled efficiency, all-encompassing range and built-in communication capabilities plus functionalities replacing system components, the MAGNA3 is ideal for engineers and specifiers looking to create high-performance systems for buildings.</p> <p>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.</p> <p>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.</p> <p>The pump is characterised by the following:</p> <ul style="list-style-type: none"> <li>• controller integrated in the control box</li> <li>• control panel with TFT display on the control box</li> <li>• control box prepared for optional CIM modules</li> <li>• built-in differential-pressure and temperature sensor</li> <li>• cast-iron pump housing (depending on model)</li> <li>• carbon-fibre-reinforced composite rotor can</li> <li>• stainless-steel bearing plate and rotor cladding</li> <li>• aluminium alloy stator housing</li> <li>• air-cooled power electronics</li> </ul> <p>The MAGNA3 is a single-phase pump.</p> <p><b>Characteristic features</b></p> <ul style="list-style-type: none"> <li>• AUTOADAPT.</li> <li>• FLOWADAPT and FLOWLIMIT (more than a pump function as it reduces the need for pump throttling valves).</li> <li>• Proportional-pressure control.</li> <li>• Constant-pressure control.</li> <li>• Constant-temperature control.</li> <li>• Constant-curve duty.</li> <li>• Max. or min. curve duty.</li> <li>• Automatic Night Setback.</li> <li>• No external motor protection required.</li> <li>• Insulating shells supplied with single-head pumps for heating systems.</li> <li>• Large temperature range where the liquid temperature and the ambient temperature are independent of each other.</li> </ul> <p><b>Communication</b>            The MAGNA3 enables communication via the following:</p> <ul style="list-style-type: none"> <li>• wireless Grundfos GO Remote</li> <li>• fieldbus communication via CIM modules</li> <li>• digital inputs</li> <li>• relay outputs</li> <li>• analog input (more than a pump function as heat energy meter)</li> </ul>

Pozitie	Cant.	Descriere
		<p>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.</p> <p><b>Liquid:</b>            Lichide pompate: Ap            Gama temperaturii lichidului: -10 .. 110 °C            Temp. lichid: 60 °C            Densitate: 983.2 kg/m<sup>3</sup></p> <p><b>Technical:</b>            Clasa TF: 110            Aprobări pe etichet : CE,VDE,EAC</p> <p><b>Materials:</b>            Corpul pompei (stator): Font              EN-GJL-250              ASTM A48-250B            Rotor: PES 30%GF</p> <p><b>Instalație:</b>            Gama temperaturii ambientale: 0 .. 40 °C            Presiune de funcționare maxim : 10 bar            Tip flanșă : DIN            Racordarea pompei la instalație: DN 100            Presiune maximă de funcționare: PN10            Distanța dintre porturi: 450 mm</p> <p><b>Electrical data:</b>            Power input - P1: 31 .. 1244 W            Frecvența rețelei electrice: 50 Hz            Tensiune nominală : 1 x 230 V            Curent consumat maxim: 0.32 .. 5.5 A            Grad de protecție (IEC 34-5): X4D            Clasa de izolare (IEC 85): F</p> <p><b>Others:</b>            Label: Grundfos Blueflux            Energy (EEI): 0.17            Greutate netă : 35.1 kg            Greutate brută : 37.3 kg            Volum de transport: 0.099 m<sup>3</sup></p>

## 97924324 MAGNA3 100-100 F 50 Hz



**Descriere** Valori i tipuri

**Informa ii generale:**

Nume produs::	MAGNA3 100-100 F
Nr. produs::	97924324
Numărul EAN::	5710626494002
Pre :	La cerere

**Technical:**

În l ime de pompare max.:	100 dm
Clasa TF:	110
Aprob ri pe etichet :	CE,VDE,EAC
Model:	B

**Materials:**

Corpul pompei (stator):	Font EN-GJL-250
	ASTM A48-250B
Rotor:	PES 30%GF

**Instala ie:**

Gama temperaturii ambientale:	0 .. 40 °C
Presiune de func ionare maxim :	10 bar
Tip flan :	DIN
Racordarea pompei la instala ie:	DN 100
Presiune maxim de func ionare:	PN10
Distan a dintre porturi:	450 mm

**Liquid:**

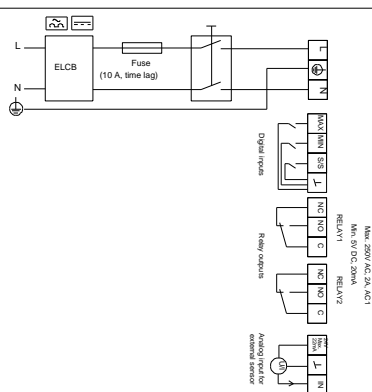
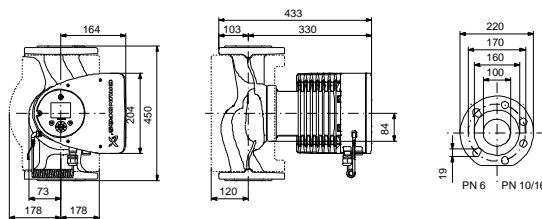
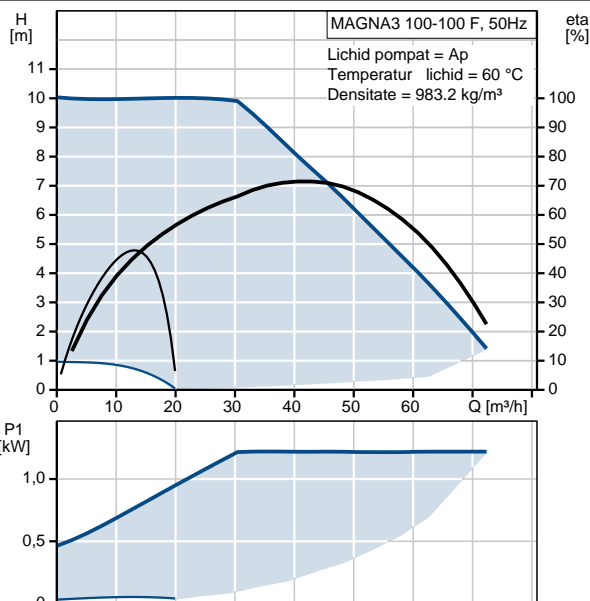
Lichide pompate:	Ap
Gama temperaturii lichidului:	-10 .. 110 °C
Temp. lichid:	60 °C
Densitate:	983.2 kg/m <sup>3</sup>

**Electrical data:**

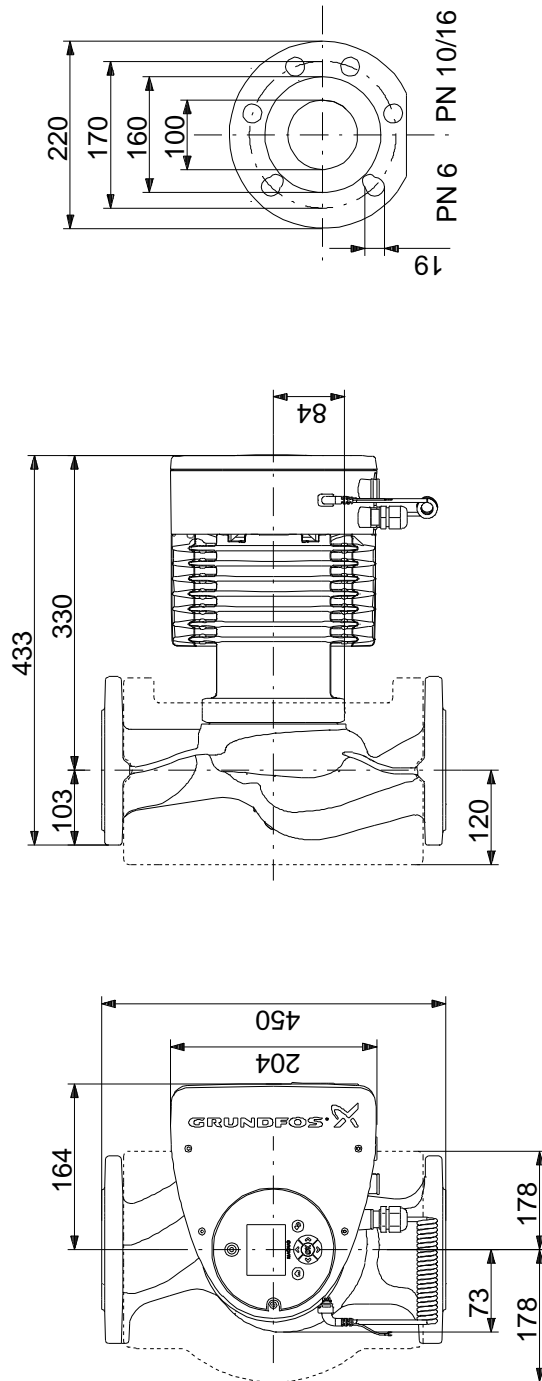
Power input - P1:	31 .. 1244 W
Frecven a elei electrice:	50 Hz
Tensiune nominal :	1 x 230 V
Curent consumat maxim:	0.32 .. 5.5 A
Grad de protec ie (IEC 34-5):	X4D
Clas de izolare (IEC 85):	F

**Others:**

Label:	Grundfos Blueflux
Energy (EEI):	0.17
Greutate net :	35.1 kg
Greutate brut :	37.3 kg
Volum de transport:	0.099 m <sup>3</sup>

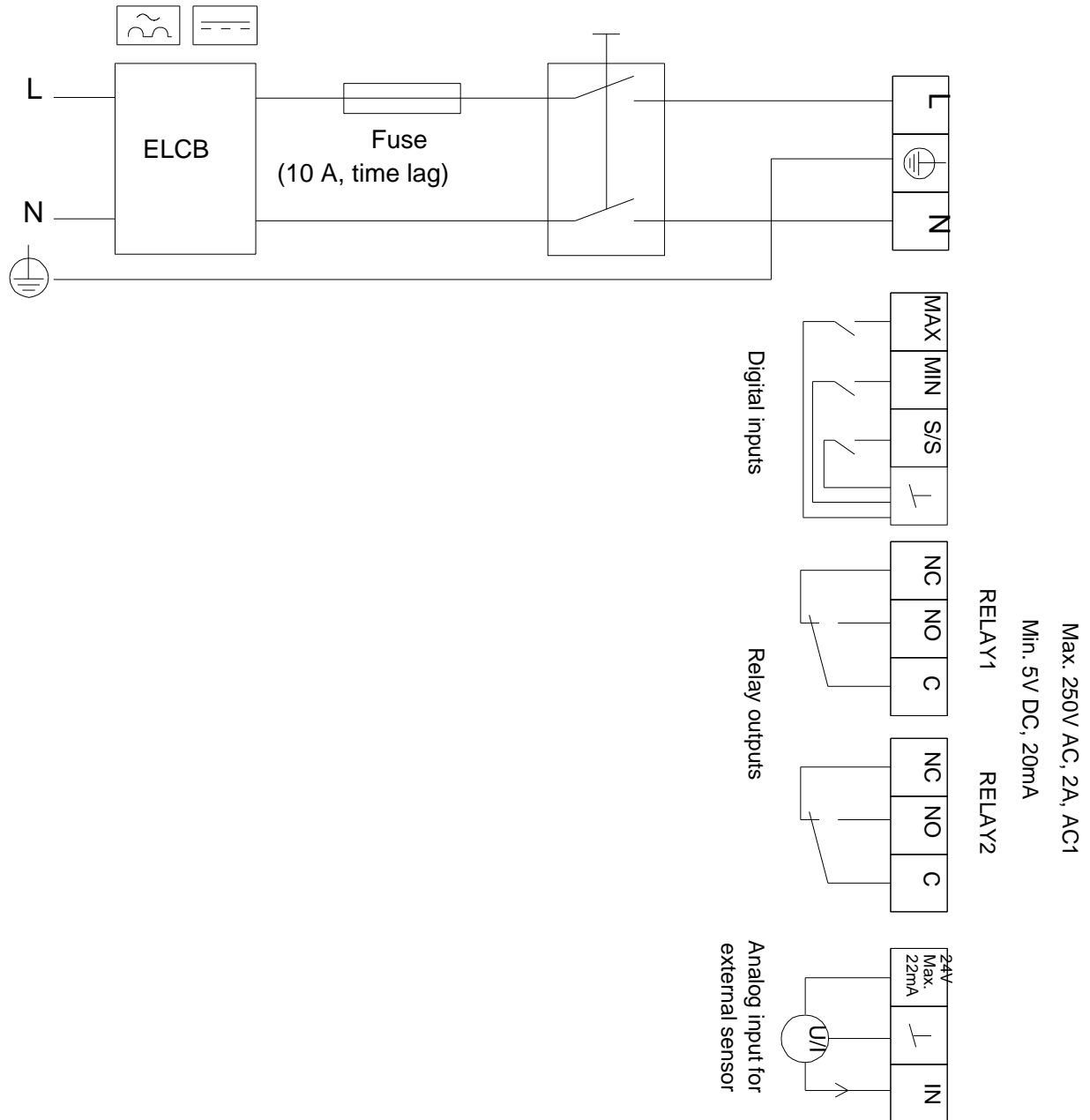


## 97924324 MAGNA3 100-100 F 50 Hz



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

## 97924324 MAGNA3 100-100 F 50 Hz



Not ! Toate unit ile sunt în [mm] dac nu altele sunt condi iile.