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1	MAGNA1 40-120 F N
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Note! Product picture may differ from actual product

Product No.: On request

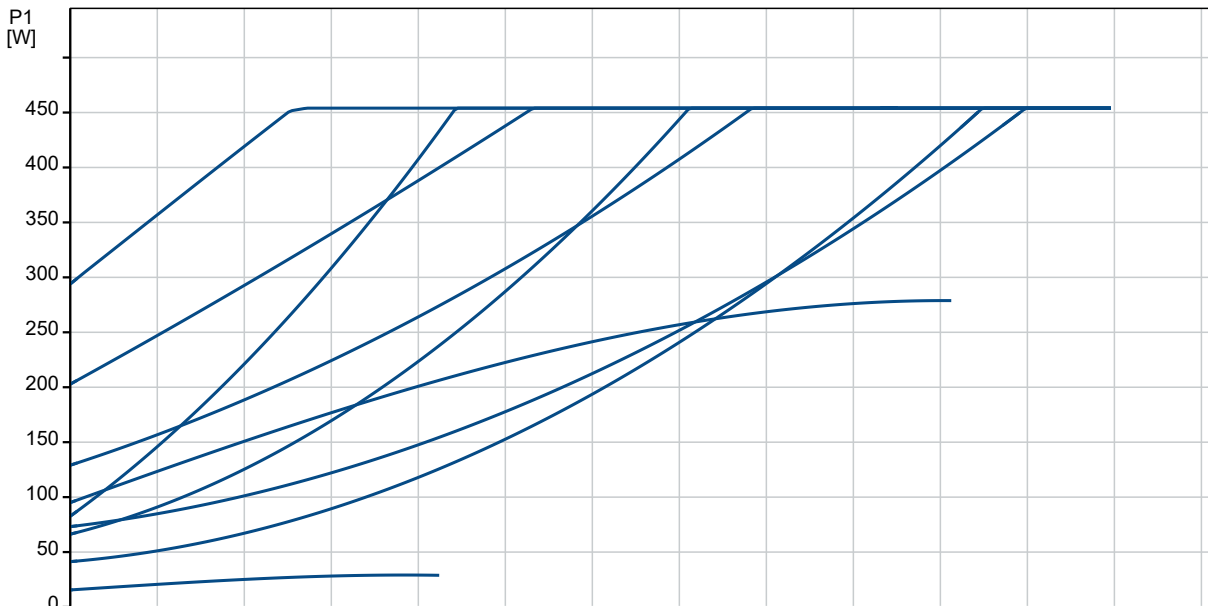
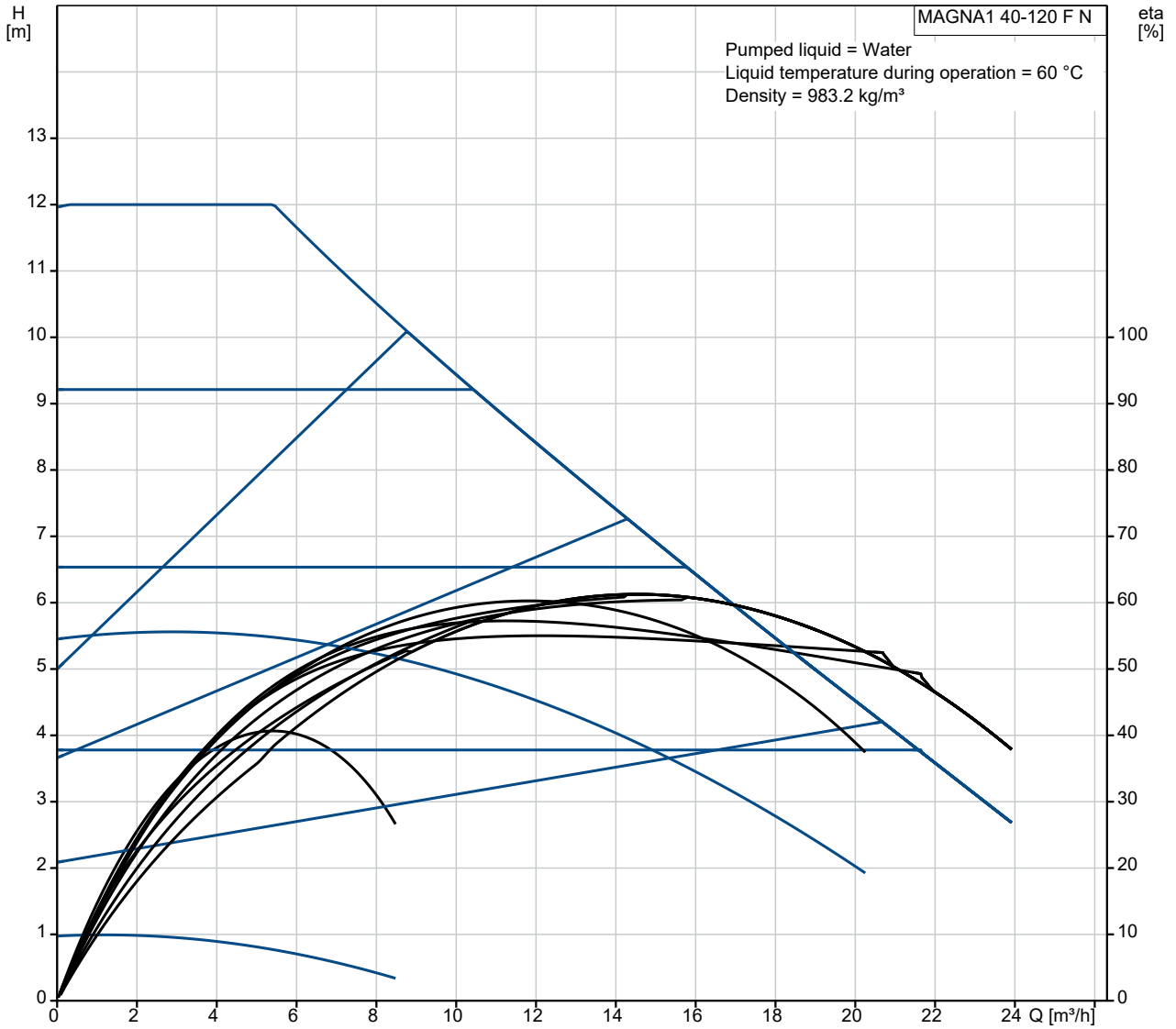
The Grundfos MAGNA1 is a circulator pump with permanent magnet motor and easy selection of pump setting. The MAGNA1 will fit both heating, cooling and domestic hot water circulation applications perfectly, making it the obvious choice for almost any building project – old or new.

The pump is a canned-rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing.

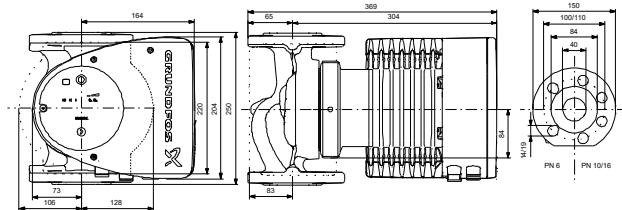
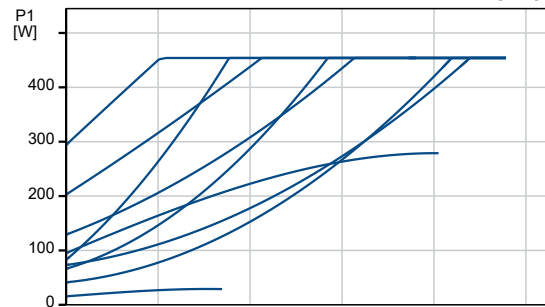
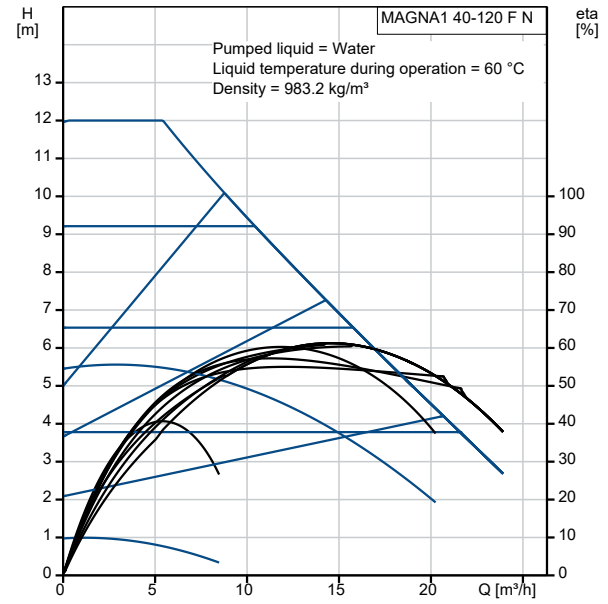
The bearings are lubricated by the pumped liquid. A pump with no maintenance requirements and extremely low life cycle cost.

The pump has an intuitive user interface, which is especially fit for replacement of older circulators. The ideal choice for basic performance needs in applications where system communication is not required.

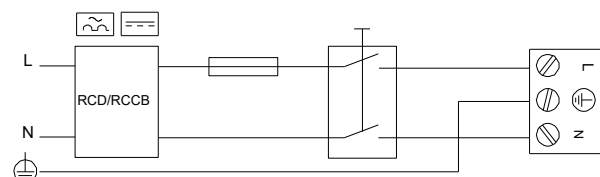
## On request MAGNA1 40-120 F N 50 Hz



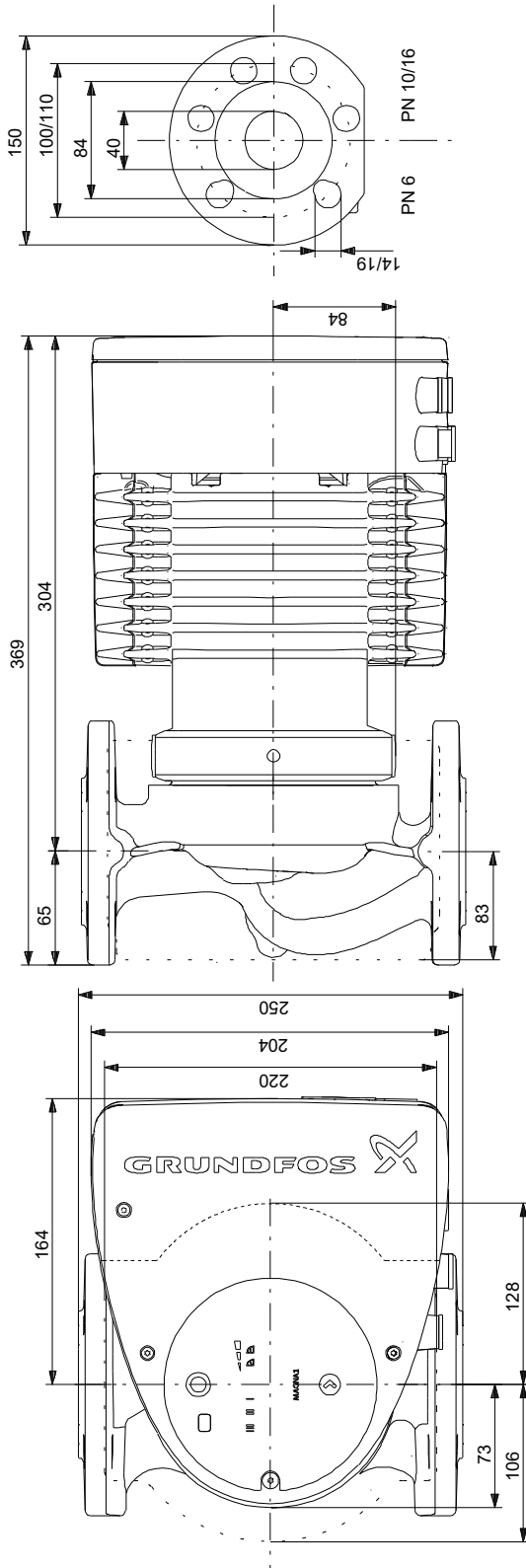
Description	Value
<b>General information:</b>	
Product name:	MAGNA1 40-120 F N
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Head max:	120 dm
TF class:	110
Approvals on nameplate:	CE,VDE,EAC
Model:	B
<b>Materials:</b>	
Pump housing:	Stainless steel
Pump housing:	EN 1.4308
Pump housing:	ASTM 351 CF8
Impeller:	PES 30%GF
<b>Installation:</b>	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Flange standard:	DIN
Pipe connection:	DN 40
Pressure rating:	PN6/10
Port-to-port length:	250 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 110 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Power input - P1:	15.01 .. 463 W
Mains frequency:	50 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.18 .. 2.05 A
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	F
<b>Others:</b>	
Energy (EEI):	0.21
Net weight:	16.5 kg
Gross weight:	18 kg
Shipping volume:	0.039 m <sup>3</sup>



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



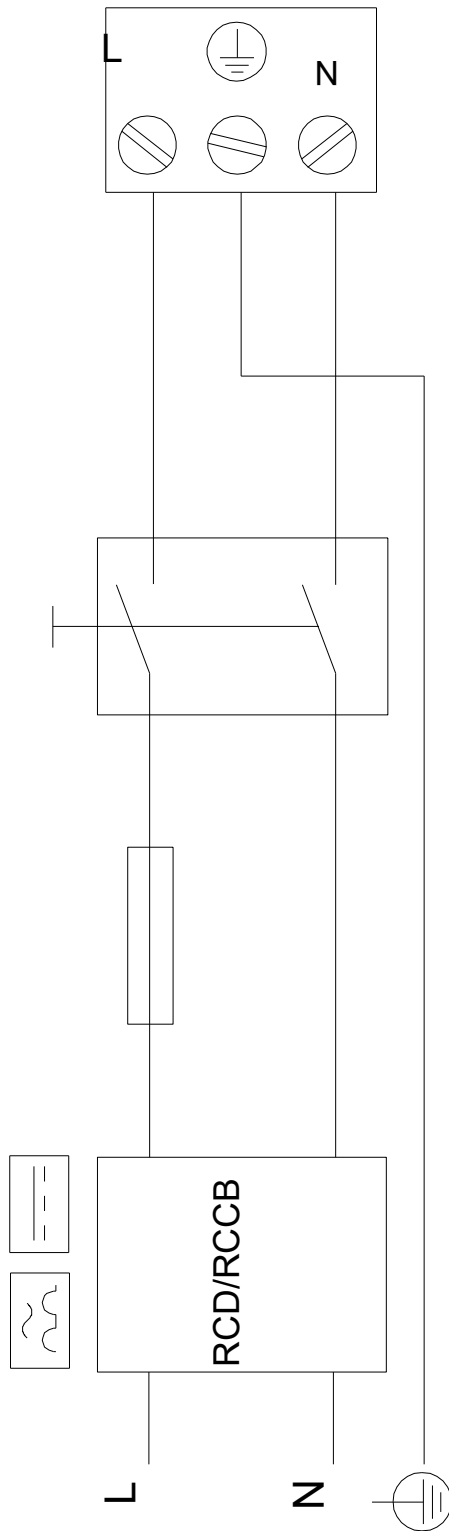
## On request MAGNA1 40-120 F N 50 Hz



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

## On request MAGNA1 40-120 F N 50 Hz

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



Note! All units are in [mm] unless others are stated.



Company name:

Created by:

Phone:

Date:

03/11/2021

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**Order Data:**

Product name: MAGNA1 40-120 F N

Amount: 1

Product No: On request

Total: Price on request

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