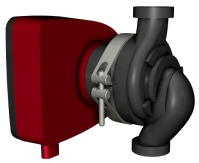
GRUNDFOS

Company name:
Created by:
Phone:

Date: 23/03/2018

Position	Qty.	Description
	1	**MAGNA1 25-80**



Product No.: 97924144

MAGNA1 circulator pump with easy selection of pump setting
The pump 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.
In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.
A pump with no maintenance requirements and extremely low life cycle cost.

Heating systems
• Main pump
• mixing loops
• heating surfaces
• air-conditioning surfaces.
The MAGNA1 circulator pumps are designed for circulating liquids in heating systems with variable flows where it is desirable to optimise the setting of the pump duty point, thus reducing energy costs. The pumps are also suitable for domestic hot-water systems.
To ensure correct operation, it is important that the sizing range of the system falls within the duty range of the pump.

Benefits
• Safe selection.
• Simple installation.
• Low energy consumption. All MAGNA1 pumps comply with the EuP requirements.
• Nine light fields for indication of pump setting. Three proportional-pressure curves, three constant-pressure curves and three fixed-speed curves are available.
• Low noise level.
• No mainteance and long life.

Liquid:

Pumped liquid:	Water
Liquid temperature range:	-10 .. 110 °C
Liquid temperature during operation:	60 °C
Density:	983.2 kg/m³

Technical:

TF class:	110
Approvals on nameplate:	CE,VDE,EAC,CN ROHS

Materials:

Pump housing:	Cast iron EN-GJL-200 ASTM A48-200B
Impeller:	PES 30%GF

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Installation:

Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Pipe connection:	G 1 1/2"
Pressure rating:	PN10
Port-to-port length:	180 mm

Electrical data:

Power input - P1:	9 .. 128 W
Mains frequency:	50 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.09 .. 1.03 A
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	F

Others:

Energy (EEI):	0.22
Net weight:	4.38 kg
Gross weight:	4.78 kg
Shipping volume:	0.012 m^3
Country of origin:	DE
Custom tariff no.:	84137030

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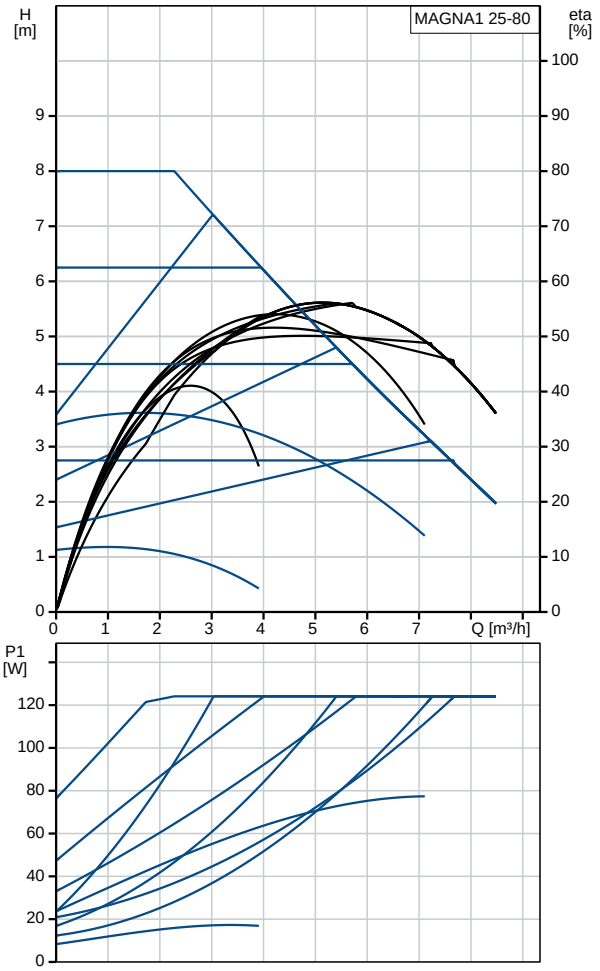
Description	Value
General information:	
Product name:	MAGNA1 25-80
Product No:	97924144
EAN number:	5710626492183
Technical:	
Head max:	80 dm
TF class:	110
Approvals on nameplate:	CE,VDE,EAC,CN ROHS
Model:	A
Materials:	
Pump housing:	Cast iron
	EN-GJL-200
	ASTM A48-200B
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