

**Date:** 19/12/2018

Qty. | Description

1 MAGNA1 25-40 N



Product No.: 99221223

The new MAGNA1 is the simple option for a job well done. It is the perfect choice when replacing older circulators and due to its compliance with the EuP 2015 regulations, substantial savings on electricity is a reality. The ideal choice for basic performance needs in applications where basic system control and monitoring is desired.

- · Monitoring via the fault relay, ensuring peace of mind
- Digital start/stop input available for remote pump control
- Continuous operation and reduced downtime with the wireless twin pump function (available on twin-head pumps)
- · High energy efficiency resulting in substantial savings on electricity
- Easy setup and operation via the simple user interface
- No maintenance due to the canned-rotor type design.

MAGNA1 is the simple and efficient choice for most applications including

- Heating
  - Main pump
  - Mixing loops
  - Heating surfaces
- Cooling
  - Air conditioning surfaces
  - Ground source heat pump systems
  - Smaller chiller applications

## 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, WEEE

Materials:

Pump housing: Stainless steel

EN 1.4308 ASTM 351 CF8 PES 30%GF

Impeller:
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:** 



**Date:** 19/12/2018

Qty. | Description

Power input - P1: 9 .. 56 W
Mains frequency: 50 Hz
Rated voltage: 1 x 230 V
Maximum current consumption: 0.09 .. 0.45 A

Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): F

Others:

Energy (EEI):

Net weight:

Gross weight:

Shipping volume:

Finnish LVI No.:

Country of origin:

Custom tariff no.:

0.20

4.38 kg

4.78 kg

0.013 m³

4615299

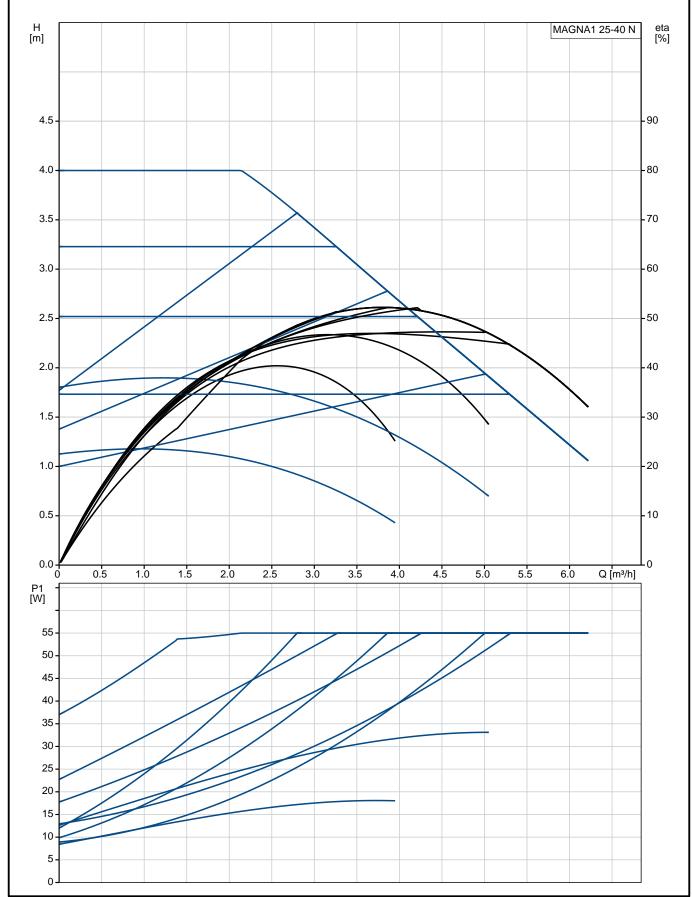
DE

84137030



**Date:** 19/12/2018

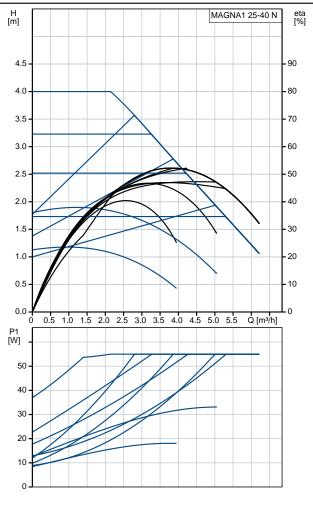
## 99221223 MAGNA1 25-40 N 50 Hz





**Date:** 19/12/2018

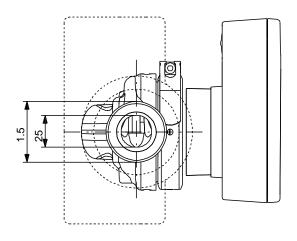
crintion	Value
cription eral information:	value
luct name:	MAGNA1 25-40 N
luct No:	99221223
I number:	5712608941962
: :	649,00 GBP
nnical:	043,00 ODI
d max:	40 dm
lass:	110
1833.	CE,VDE,EAC,CN
rovals on nameplate:	ROHS,WEEE
el:	С
erials:	
p housing:	Stainless steel
	EN 1.4308
	ASTM 351 CF8
eller:	PES 30%GF
allation:	
ge of ambient temperature:	0 40 °C
imum operating pressure:	10 bar
connection:	G 1 1/2"
sure rating:	PN10
-to-port length:	180 mm
iid:	
ped liquid:	Water
id temperature range:	-10 110 °C
id temperature during operation:	60 °C
sity:	983.2 kg/m³
trical data:	
er input - P1:	9 56 W
ns frequency:	50 Hz
ed voltage:	1 x 230 V
imum current consumption:	0.09 0.45 A
osure class (IEC 34-5):	X4D
lation class (IEC 85):	F
ers:	
rgy (EEI):	0.20
weight:	4.38 kg
ss weight:	4.78 kg
ping volume:	0.013 m <sup>3</sup>
ish LVI No.:	4615299
ntry of origin:	DE
tom tariff no.:	
arto-port length:  Inid: Inid: Inped liquid: Inid: Inped liquid: Inid temperature range: Inid temperature during operation: Insertical data: I	180 mm  Water -10 110 °C 60 °C 983.2 kg/m³  9 56 W 50 Hz 1 x 230 V 0.09 0.45 A X4D F  0.20 4.38 kg 4.78 kg 0.013 m³ 4615299

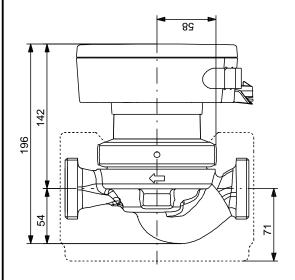


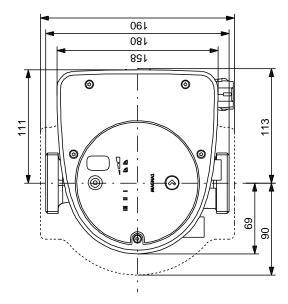


**Date:** 19/12/2018

## 99221223 MAGNA1 25-40 N 50 Hz





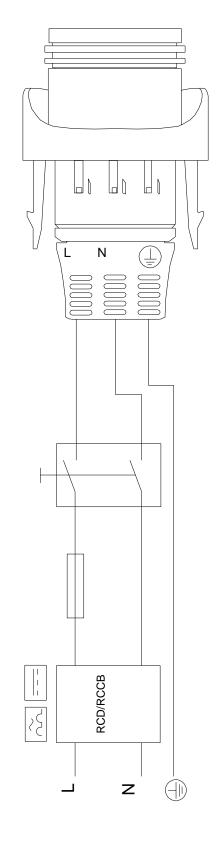


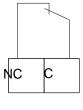
Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



**Date:** 19/12/2018

## 99221223 MAGNA1 25-40 N 50 Hz





Relay output [



Digital input

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