

Company name: Grundfos

Created by: Phone:

Date: 19/03/2024

Qty. | Description

1 UPS2 25-80 180

Product No.: 98707848

High-efficiency circulator pump with permanent-magnet motor (ECM technology) fit for the ErP directive No 641/2009

due to continuously variable speed control for circulation of clean heating water according to VDI 2035.

Features and benefits: UPS2 25-80 180

High-efficiency circulator pump with permanent-magnet motor (ECM technology) complying with the ErP directive No

41/2009

thanks to continuously variable speed control. Suitable for circulation of clean heating water according to VDI 2035.

Features and benefits:

- Complying with requirements of the ErP directive as from 2015.
- 1 pump replaces 3 variants.
- It is available as pump head without pump housing. Fits on all 4-m, 5-m and 6-m pump housings of the Series 100.
- For tight installations, i.e. in boiler applications.
- High energy savings thanks to an energy efficiency index (EEI) lower than 0.23.
- \bullet Complies with the German regulation on energy saving in buildings and building systems Energieeinsparverordnung EnEV $\S14(3).$
- One button for simple selection among three proportional-pressure curves or three fixed speeds.
- No corrosion issues thanks to the electrocoated pump housing.
- Reduced installation costs as no external motor protection is required.

Liquid:

Pumped liquid: Water
Liquid temperature range: 2 .. 95 °C
Selected liquid temperature: 60 °C
Density: 983.2 kg/m³

Technical:

Rated flow: 3.81 m³/h
Rated head: 6.84 m
TF class: 95

Approvals: CE,WEEE,UKCA

Materials:

Pump housing: Cast iron

EN 1561 EN-GJL-150

ASTM A48-25B

Impeller: Composite

PES 30% GF + PESU-GF20%

Installation:

Range of ambient temperature: 0 .. 40 °C

Maximum operating pressure: 10 bar

Type of connection: G

Size of connection: 1 1/2 inch

Pressure rating for connection: PN 10

Port-to-port length: 180 mm

Electrical data:

Power input P1: 140 W Mains frequency: 50 / 60 Hz



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1 Rated voltage: 1 x 230 V

Maximum current consumption: 1.1 A
minimum current consumption: 0.1 A
Enclosure class (IEC 34-5): X2D
Insulation class (IEC 85): F
Built-in motor protection: NONE

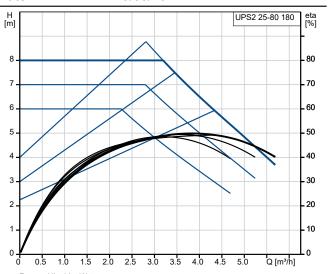


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Description	Value
General information:	
Product name:	UPS2 25-80 180
Product No:	98707848
EAN number:	5712600251854
Technical:	
Rated flow:	3.81 m³/h
Rated head:	6.84 m
Maximum head:	80 dm
TF class:	95
Approvals:	CE,WEEE,UKCA
Materials:	
Pump housing:	Cast iron
Pump housing:	EN 1561 EN-GJL-150
Pump housing:	ASTM A48-25B
Impeller:	Composite
Impeller:	PES 30% GF + PESU-GF20%
Installation:	
Range of ambient temperature:	0 40 °C
Maximum operating pressure:	10 bar
Type of connection:	G
Size of connection:	1 1/2 inch
Pressure rating for connection:	PN 10
Port-to-port length:	180 mm
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	2 95 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m³
Electrical data:	
Power input P1:	140 W
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	1.1 A
minimum current consumption:	0.1 A
Enclosure class (IEC 34-5):	X2D
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Thermal protec:	ELEC
Others:	
Energy (EEI):	0.23
Terminal box position:	9H
Net weight:	2.8 kg
Gross weight:	2.8 kg
Shipping volume:	0.004 m³
Sales region:	GB
Country of origin:	RS
Custom tariff no.:	84137030



Pumped liquid = Water Liquid temperature during operation = 60 $^{\circ}$ C Density = 983.2 kg/m³

