

Qty. Description

1 **UPS2 25-80 180**



Note! Product picture may differ from actual product

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 641/2009

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.
- Complies with the German regulation on energy saving in buildings and building systems – Energieeinsparverordnung – EnEV §14(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

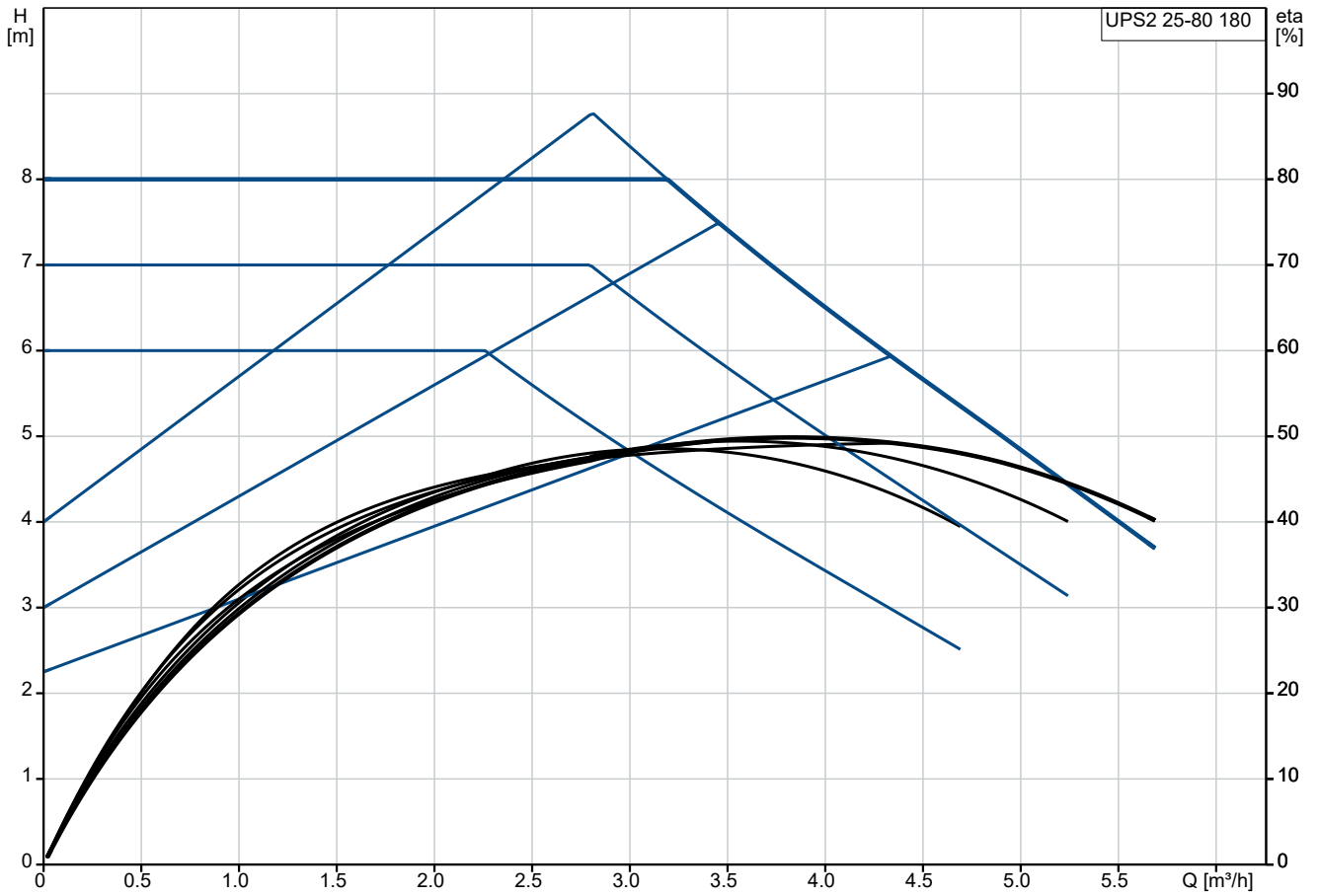
Impeller:

Composite
 PES 30% GF + PESU-GF20%

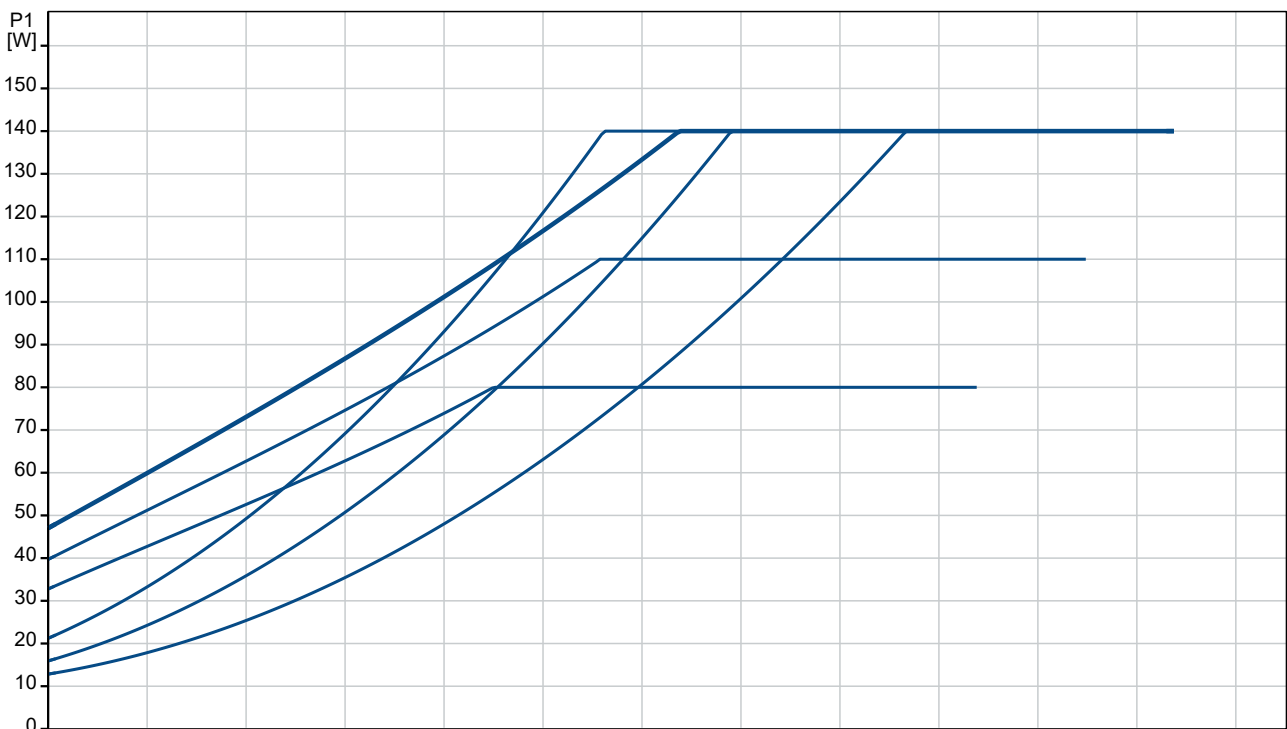
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1	Installation: Range of ambient temperature: 0 .. 40 °C Maximum operating pressure: 10 bar Type of connection: G Size of connection: 1 1/2 inch Pressure rating for connection: PN 10 Port-to-port length: 180 mm Electrical data: Power input P1: 140 W Mains frequency: 50 / 60 Hz 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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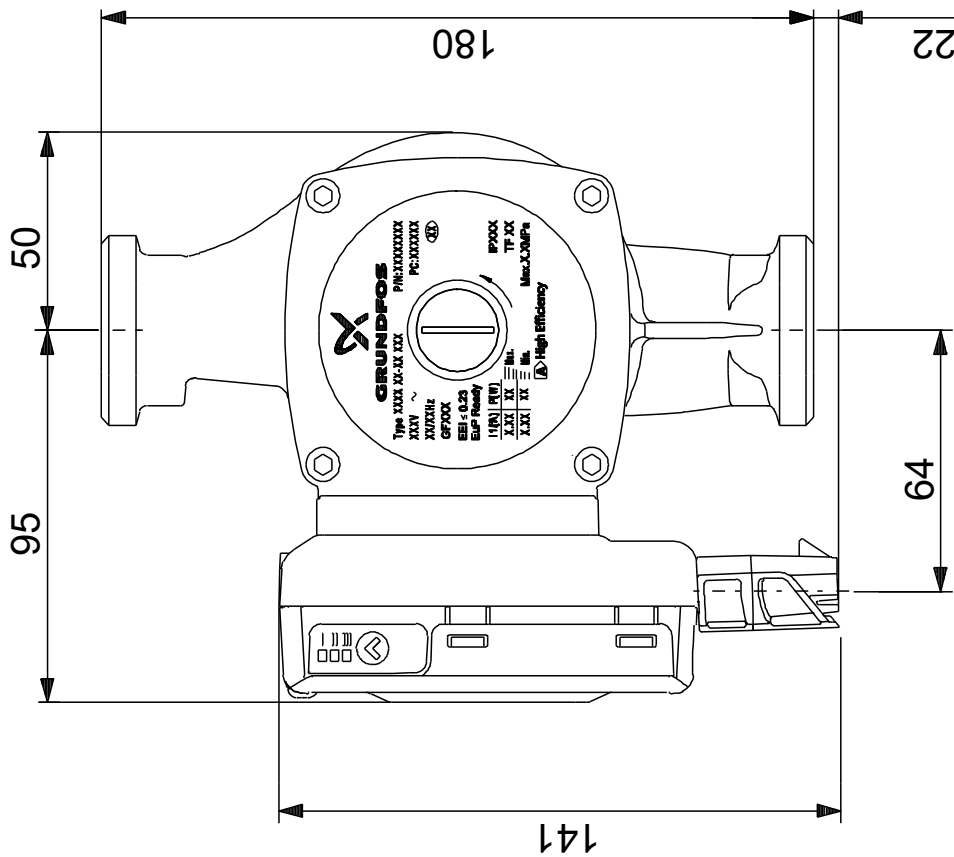
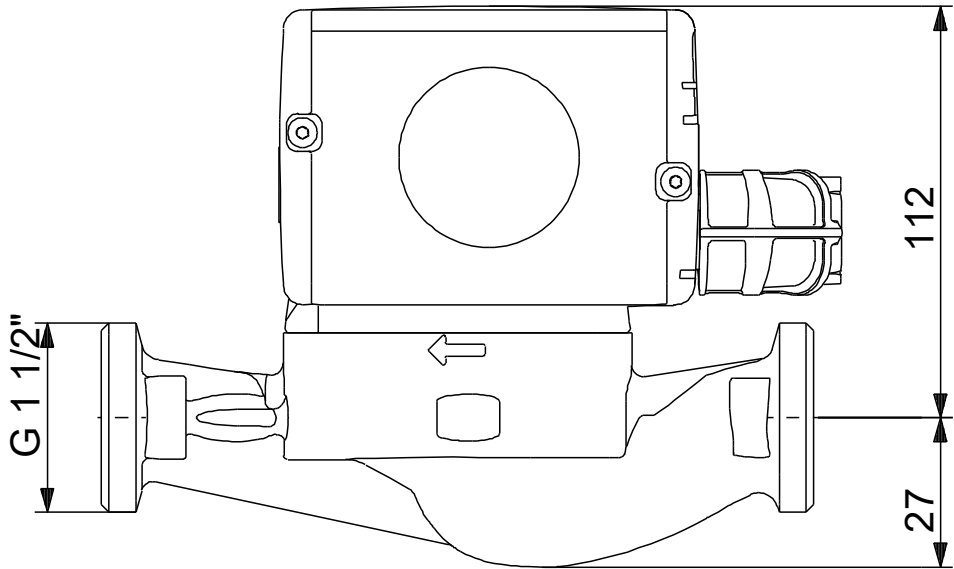
98707848 UPS2 25-80 180



Pumped liquid = Water
 Liquid temperature during operation = 60 °C
 Density = 983.2 kg/m³



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