

**Qty. Description**

1 **UPS2 25-80 180**



**Note! Product picture may differ from actual product**

Product No.: [98707853](#)

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/m<sup>3</sup>

**Technical:**

TF class: 95  
 Approvals on nameplate: CE,WEEE

**Materials:**

Pump housing: Cast iron  
 EN-JL1020  
 ASTM A48-25B  
 Impeller: Composite, PES/PP

**Installation:**

Maximum operating pressure: 10 bar  
 Pipe connection: G 1 1/2  
 Pressure rating: PN 10  
 Port-to-port length: 180 mm



Company name:

Created by:

Phone:

Date:

03/04/2020

| Qty. | Description |
|------|-------------|
|------|-------------|

**Electrical data:**

|                              |              |
|------------------------------|--------------|
| Power input - P1:            | 140 W        |
| Mains frequency:             | 50 / 60 Hz   |
| Rated voltage:               | 1 x 230 V    |
| Maximum current consumption: | 0.1 .. 1.1 A |
| Enclosure class (IEC 34-5):  | X2D          |
| Insulation class (IEC 85):   | F            |

| Description                  | Value                   |
|------------------------------|-------------------------|
| <b>General information:</b>  |                         |
| Product name:                | UPS2 25-80 180          |
| Product No:                  | 98707853                |
| EAN number:                  | 5712600251908           |
|                              | 5712600251908           |
| <b>Technical:</b>            |                         |
| Head max:                    | 80 dm                   |
| TF class:                    | 95                      |
| Approvals on nameplate:      | CE, WEEE                |
| <b>Materials:</b>            |                         |
| Pump housing:                | Cast iron               |
|                              | EN-JL1020               |
|                              | ASTM A48-25B            |
| Impeller:                    | Composite, PES/PP       |
| <b>Installation:</b>         |                         |
| Maximum operating pressure:  | 10 bar                  |
| Pipe connection:             | G 1 1/2                 |
| Pressure rating:             | PN 10                   |
| Port-to-port length:         | 180 mm                  |
| <b>Liquid:</b>               |                         |
| Pumped liquid:               | Water                   |
| Liquid temperature range:    | 2 .. 95 °C              |
| Selected liquid temperature: | 60 °C                   |
| Density:                     | 983.2 kg/m <sup>3</sup> |
| <b>Electrical data:</b>      |                         |
| Power input - P1:            | 140 W                   |
| Mains frequency:             | 50 / 60 Hz              |
| Rated voltage:               | 1 x 230 V               |
| Maximum current consumption: | 0.1 .. 1.1 A            |
| Enclosure class (IEC 34-5):  | X2D                     |
| Insulation class (IEC 85):   | F                       |
| Motor protec:                | NONE                    |
| Thermal protec:              | ELEC                    |
| <b>Controls:</b>             |                         |
| Pos term box:                | 9H                      |
| <b>Others:</b>               |                         |
| Energy (EEI):                | 0.23                    |
| Net weight:                  | 2.6 kg                  |
| Gross weight:                | 2.6 kg                  |
| Shipping volume:             | 0.005 m <sup>3</sup>    |
| Finnish LVI No.:             | 4615175                 |

