

|                       |                        |                 |
|-----------------------|------------------------|-----------------|
| PROJECT: _____        | UNIT TAG: _____        | QUANTITY: _____ |
| REPRESENTATIVE: _____ | TYPE OF SERVICE: _____ | DATE: _____     |
| ENGINEER: _____       | SUBMITTED BY: _____    | DATE: _____     |
| CONTRACTOR: _____     | APPROVED BY: _____     | DATE: _____     |
|                       | ORDER NO.: _____       | DATE: _____     |

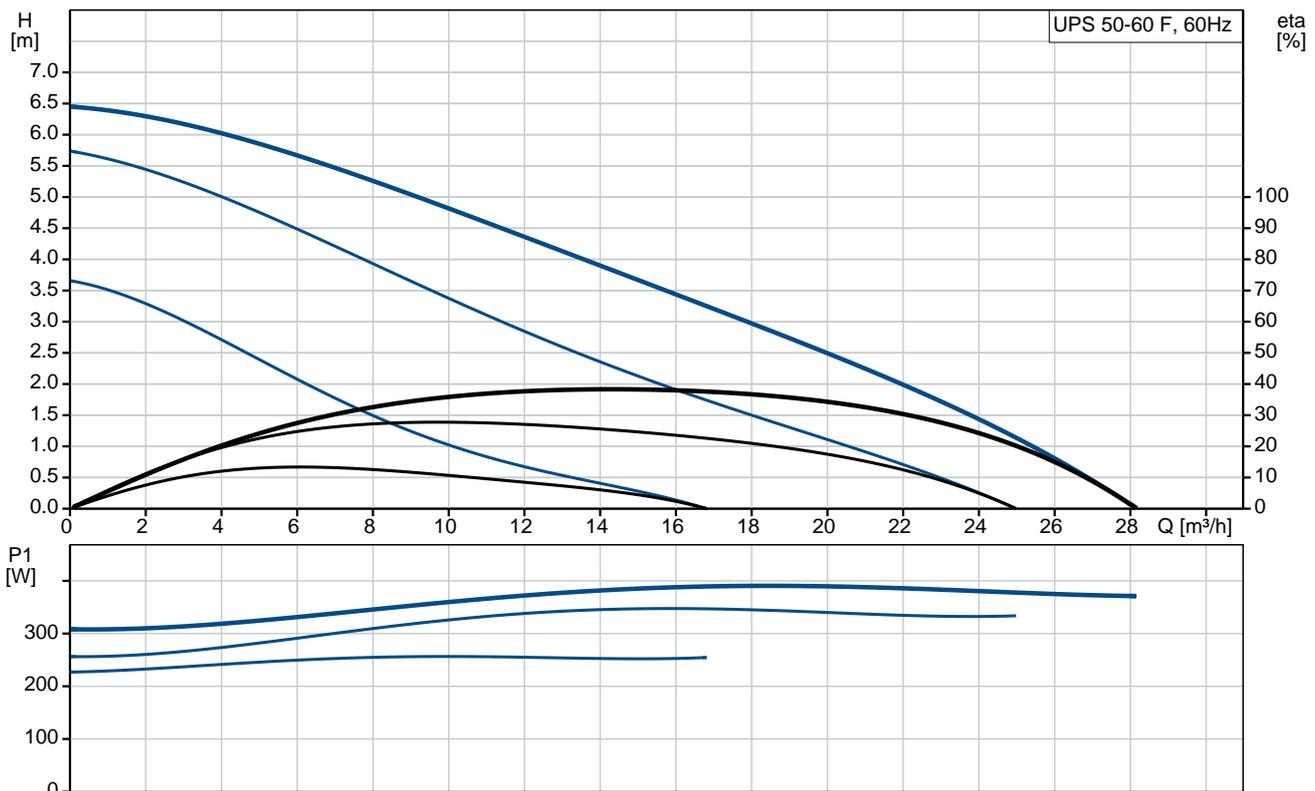
### UPS 50-60 F

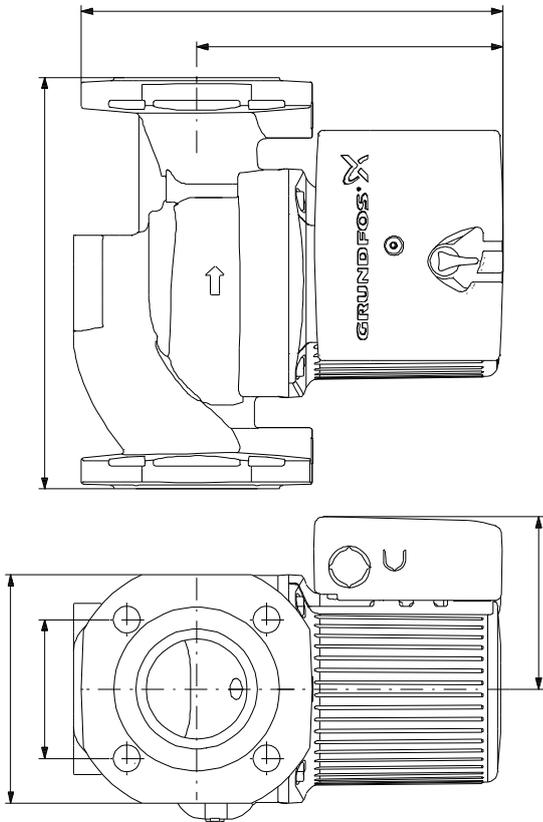
Circulator pumps



Note! Product picture may differ from actual product

| Conditions of Service   | Pump Data                             | Motor Data                   |
|-------------------------|---------------------------------------|------------------------------|
| Flow: _____             | Maximum operating pressure: 10 bar    | Max. power input: 395 W      |
| Head: _____             | Liquid temperature range: 0 .. 110 °C | Rated power - P2: 0.25 kW    |
| Efficiency: _____       | Maximum ambient temperature: 40 °C    | Rated voltage: 115 V         |
| Liquid: Water           | Approvals: ETL, CSA                   | Mains frequency: 60 Hz       |
| Temperature: 60 °C      | Type of connection: C.I. Flange       | Insulation class: H          |
| NPSH required: m        | Flange standard: USA Oval             | Motor protection: CONTACT    |
| Viscosity: _____        | Pipe connection: 4 - Bolt Flange      | Thermal protection: Internal |
| Specific Gravity: 0.985 | Product number: On request            |                              |





**Materials:**

Pump housing: Cast iron  
EN-GJL-200

Impeller: Composite, PES

## Tender Text



Note! Product picture may differ from actual product

Product No.: On request

### UPS 50-60 F

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.

The pump has 3-step speed selector.

The pump is characterized by:

- \* Ceramic shaft and radial bearings.
- \* Carbon axial bearing.
- \* Stainless steel rotor can and bearing plate.
- \* Corrosion-resistant impeller, Composite, PES.
- \* Cast iron pump housing.

The motor is a 1-phase motor.

No additional motor protection is required.

### Liquid:

Pumped liquid: Water  
Liquid temperature range: 0 .. 110 °C  
Liquid temperature during operation: 60 °C  
Density: 983.2 kg/m<sup>3</sup>

### Technical:

Approvals on nameplate: ETL, CSA

### Materials:

Pump housing: Cast iron  
EN-GJL-200  
Impeller: Composite, PES

### Installation:

Maximum ambient temperature: 40 °C  
Amb. max at 80 dgr C liquid: 80 °C  
Maximum operating pressure: 10 bar  
Flange standard: USA Oval  
Type of connection: C.I. Flange  
Pipe connection: 4 - Bolt Flange  
Pressure rating: 10  
Port-to-port length: 215 mm

### Electrical data:

Power input in speed 1: 260 W



Company name:

Created by:

Phone:

Date:

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Power input in speed 2: 350 W  
Max. power input: 395 W  
Rated power - P2: 0.25 kW  
Mains frequency: 60 Hz  
Rated voltage: 1 x 115 V  
Current in speed 1: 2.7 A  
Current in speed 2: 3.4 A  
Current in speed 3: 3.6 A  
Capacitor size - run: 40  $\mu$ F/180 V  
Number of poles: 2  
Insulation class (IEC 85): H

**Others:**

Gross weight: 9.62 kg

| Position | Qty. | Description   |
|----------|------|---|
|          | 1    | <p><b>UPS 50-60 F</b></p>  <p style="text-align: center;"><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: On request</p> <p>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. The pump has 3-step speed selector.</p> <p>The pump is characterized by:</p> <ul style="list-style-type: none"> <li>* Ceramic shaft and radial bearings.</li> <li>* Carbon axial bearing.</li> <li>* Stainless steel rotor can and bearing plate.</li> <li>* Corrosion-resistant impeller, Composite, PES.</li> <li>* Cast iron pump housing.</li> </ul> <p>The motor is a 1-phase motor.<br/>No additional motor protection is required.</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water<br/> Liquid temperature range: 0 .. 110 °C<br/> Liquid temperature during operation: 60 °C<br/> Density: 983.2 kg/m<sup>3</sup></p> <p><b>Technical:</b></p> <p>Approvals on nameplate: ETL, CSA</p> <p><b>Materials:</b></p> <p>Pump housing: Cast iron<br/> EN-GJL-200<br/> Impeller: Composite, PES</p> <p><b>Installation:</b></p> <p>Maximum ambient temperature: 40 °C<br/> Amb. max at 80 dgr C liquid: 80 °C<br/> Maximum operating pressure: 10 bar<br/> Flange standard: USA Oval<br/> Type of connection: C.I. Flange<br/> Pipe connection: 4 - Bolt Flange<br/> Pressure rating: 10<br/> Port-to-port length: 215 mm</p> <p><b>Electrical data:</b></p> <p>Power input in speed 1: 260 W<br/> Power input in speed 2: 350 W<br/> Max. power input: 395 W</p> |



Company name:

Created by:

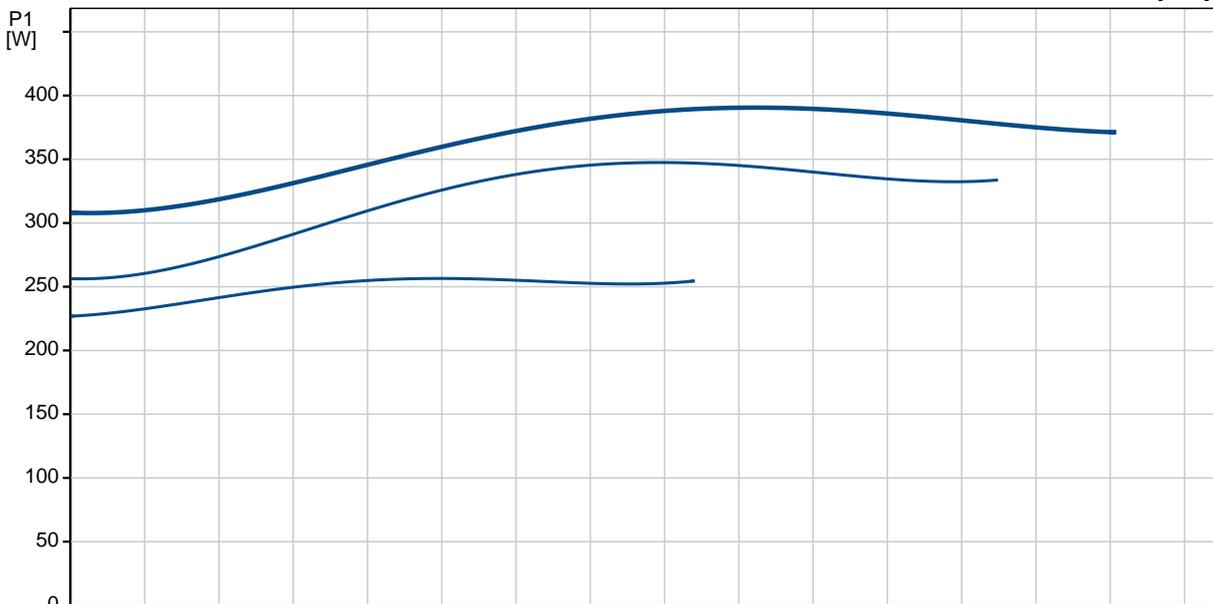
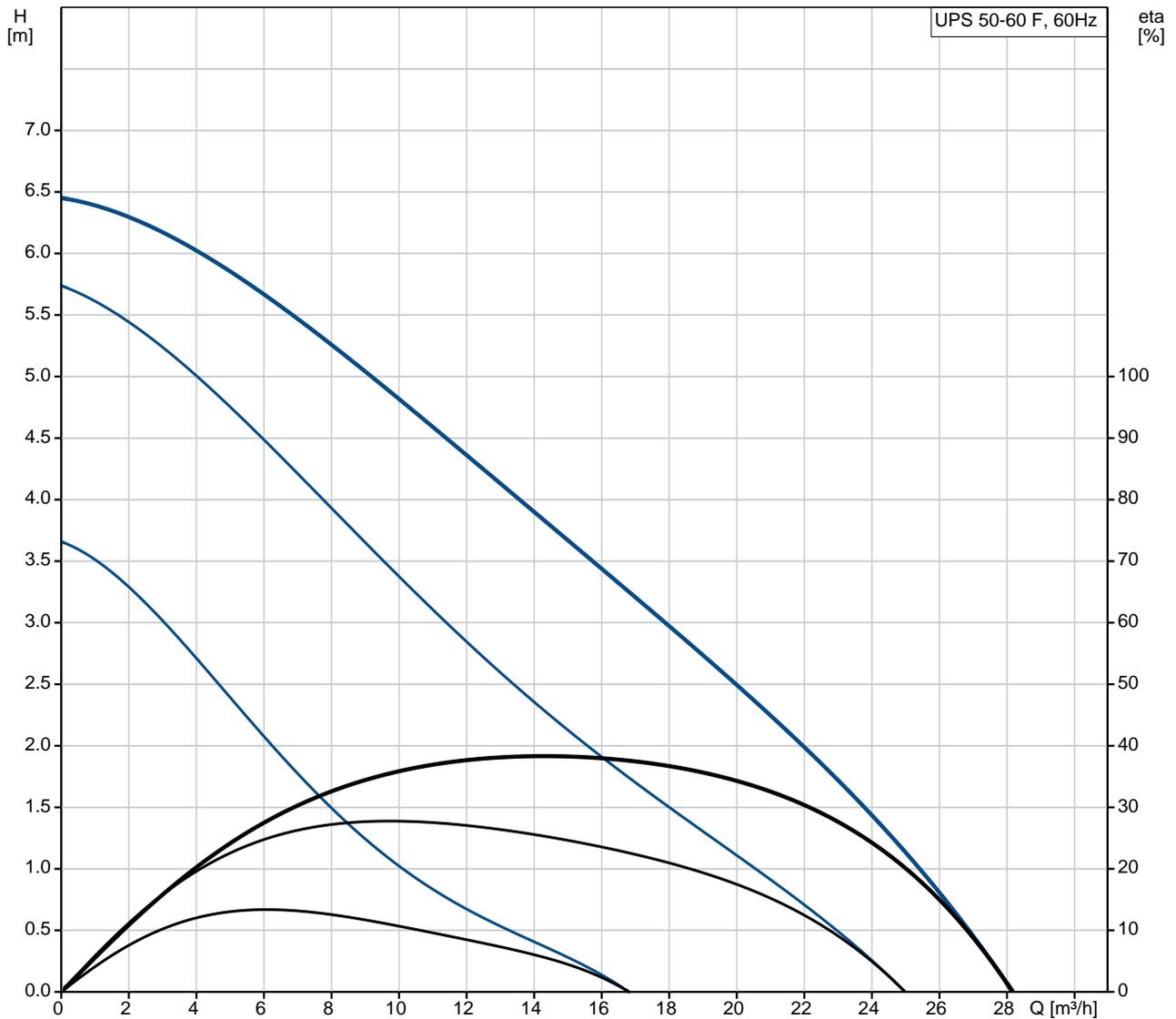
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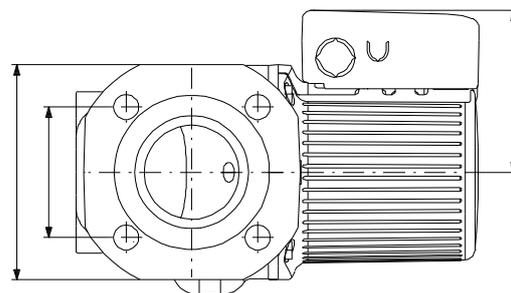
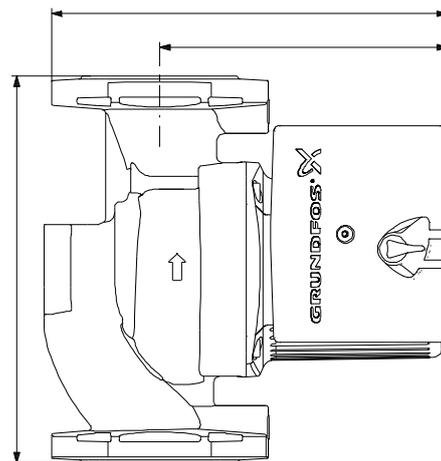
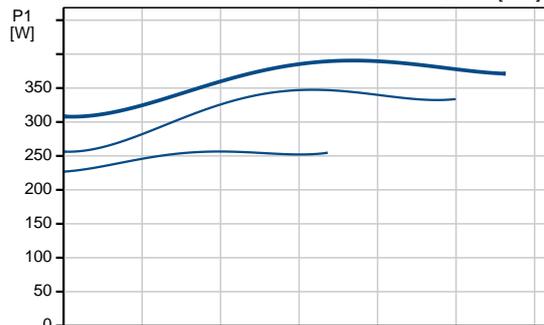
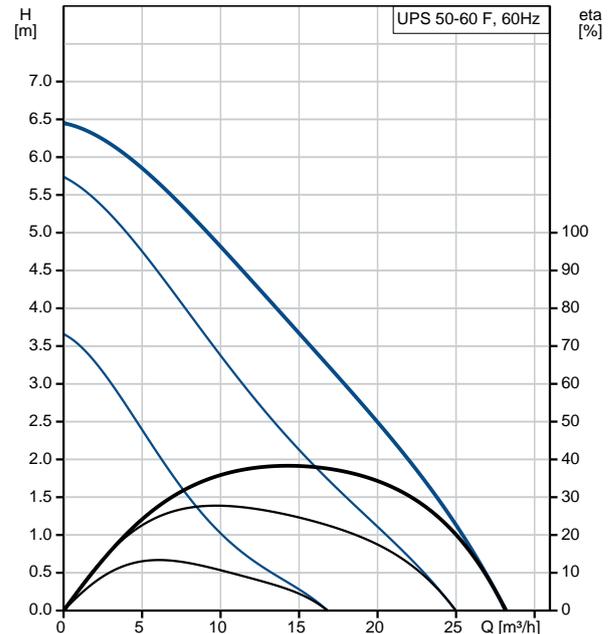
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| Position | Qty. | Description  |
|----------|------|--|
|          |      | Rated power - P2: 0.25 kW<br>Mains frequency: 60 Hz<br>Rated voltage: 1 x 115 V<br>Current in speed 1: 2.7 A<br>Current in speed 2: 3.4 A<br>Current in speed 3: 3.6 A<br>Capacitor size - run: 40 µF/180 V<br>Number of poles: 2<br>Insulation class (IEC 85): H<br><br><b>Others:</b><br>Gross weight: 9.62 kg |

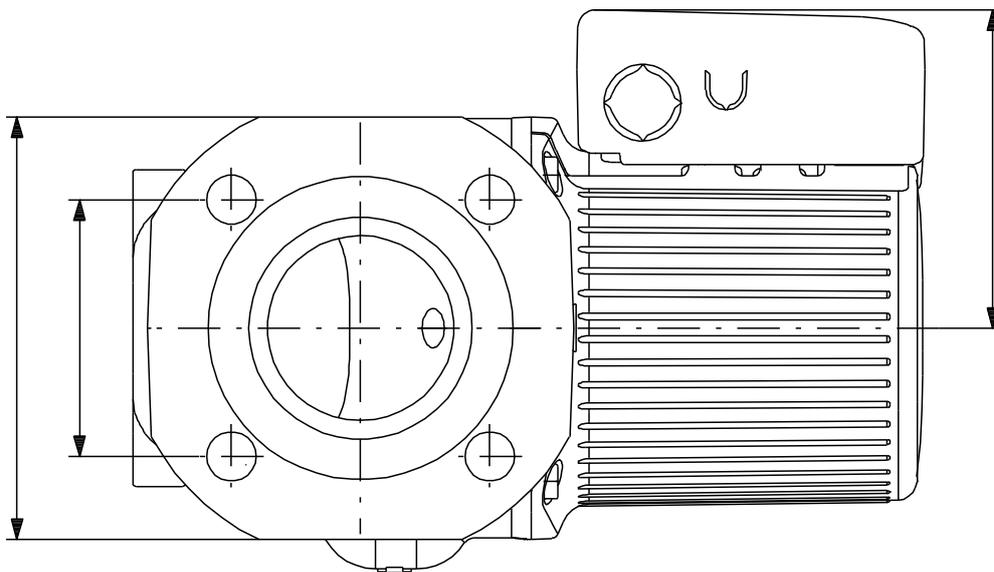
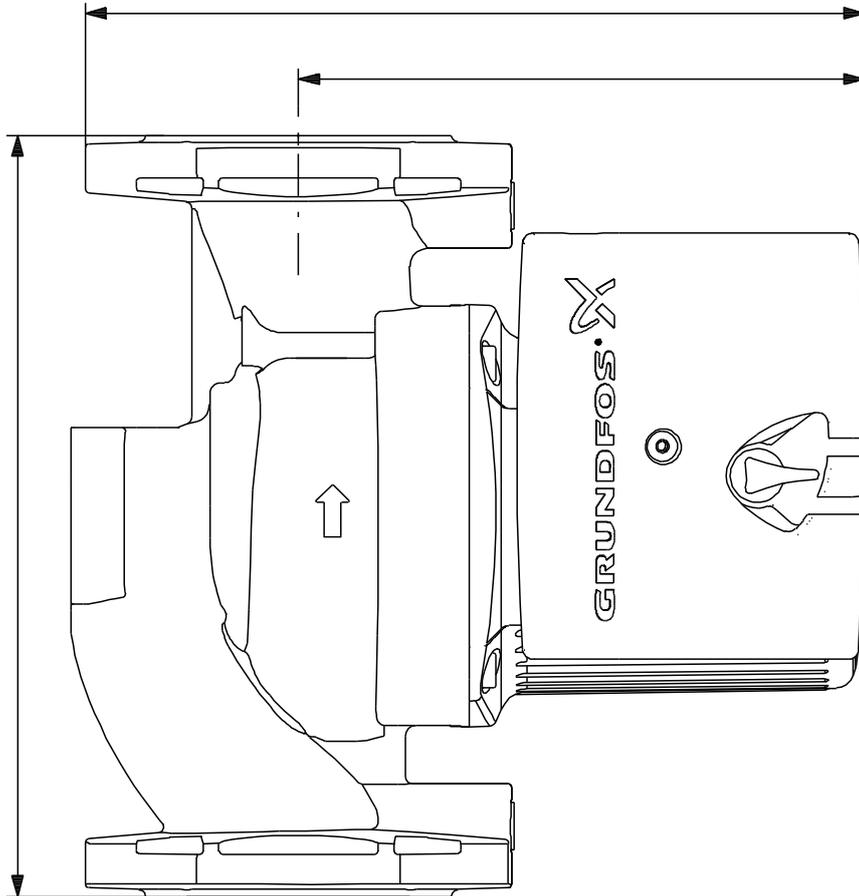
## On request UPS 50-60 F 60 Hz



| Description                          | Value                   |
|--------------------------------------|-------------------------|
| <b>General information:</b>          |                         |
| Product name:                        | UPS 50-60 F             |
| Product No:                          | On request              |
| EAN number:                          | On request              |
| <b>Technical:</b>                    |                         |
| Speed no:                            | 3                       |
| Max flow:                            | 28.2 m <sup>3</sup> /h  |
| Head max:                            | 6.5 m                   |
| Approvals on nameplate:              | ETL, CSA                |
| <b>Materials:</b>                    |                         |
| Pump housing:                        | Cast iron               |
|                                      | EN-GJL-200              |
| Impeller:                            | Composite, PES          |
| <b>Installation:</b>                 |                         |
| Maximum ambient temperature:         | 40 °C                   |
| Amb. max at 80 dgr C liquid:         | 80 °C                   |
| Maximum operating pressure:          | 10 bar                  |
| Flange standard:                     | USA Oval                |
| Type of connection:                  | C.I. Flange             |
| Pipe connection:                     | 4 - Bolt Flange         |
| Pressure rating:                     | 10                      |
| Port-to-port length:                 | 215 mm                  |
| <b>Liquid:</b>                       |                         |
| Pumped liquid:                       | Water                   |
| Liquid temperature range:            | 0 .. 110 °C             |
| Liquid temperature during operation: | 60 °C                   |
| Density:                             | 983.2 kg/m <sup>3</sup> |
| <b>Electrical data:</b>              |                         |
| Power input in speed 1:              | 260 W                   |
| Power input in speed 2:              | 350 W                   |
| Max. power input:                    | 395 W                   |
| Rated power - P2:                    | 0.25 kW                 |
| Mains frequency:                     | 60 Hz                   |
| Rated voltage:                       | 1 x 115 V               |
| Current in speed 1:                  | 2.7 A                   |
| Current in speed 2:                  | 3.4 A                   |
| Current in speed 3:                  | 3.6 A                   |
| Capacitor size - run:                | 40 µF/180 V             |
| Number of poles:                     | 2                       |
| Insulation class (IEC 85):           | H                       |
| Motor protec:                        | CONTACT                 |
| Thermal protec:                      | Internal                |
| <b>Controls:</b>                     |                         |
| Pos term box:                        | 9H                      |
| <b>Others:</b>                       |                         |
| Gross weight:                        | 9.62 kg                 |



## On request UPS 50-60 F 60 Hz



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



Company name:

Created by:

Phone:

Date: 28/11/2017

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**Order Data:**

Product name: UPS 50-60 F

Amount: 1

Product No: On request

Total: Price on request

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