

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

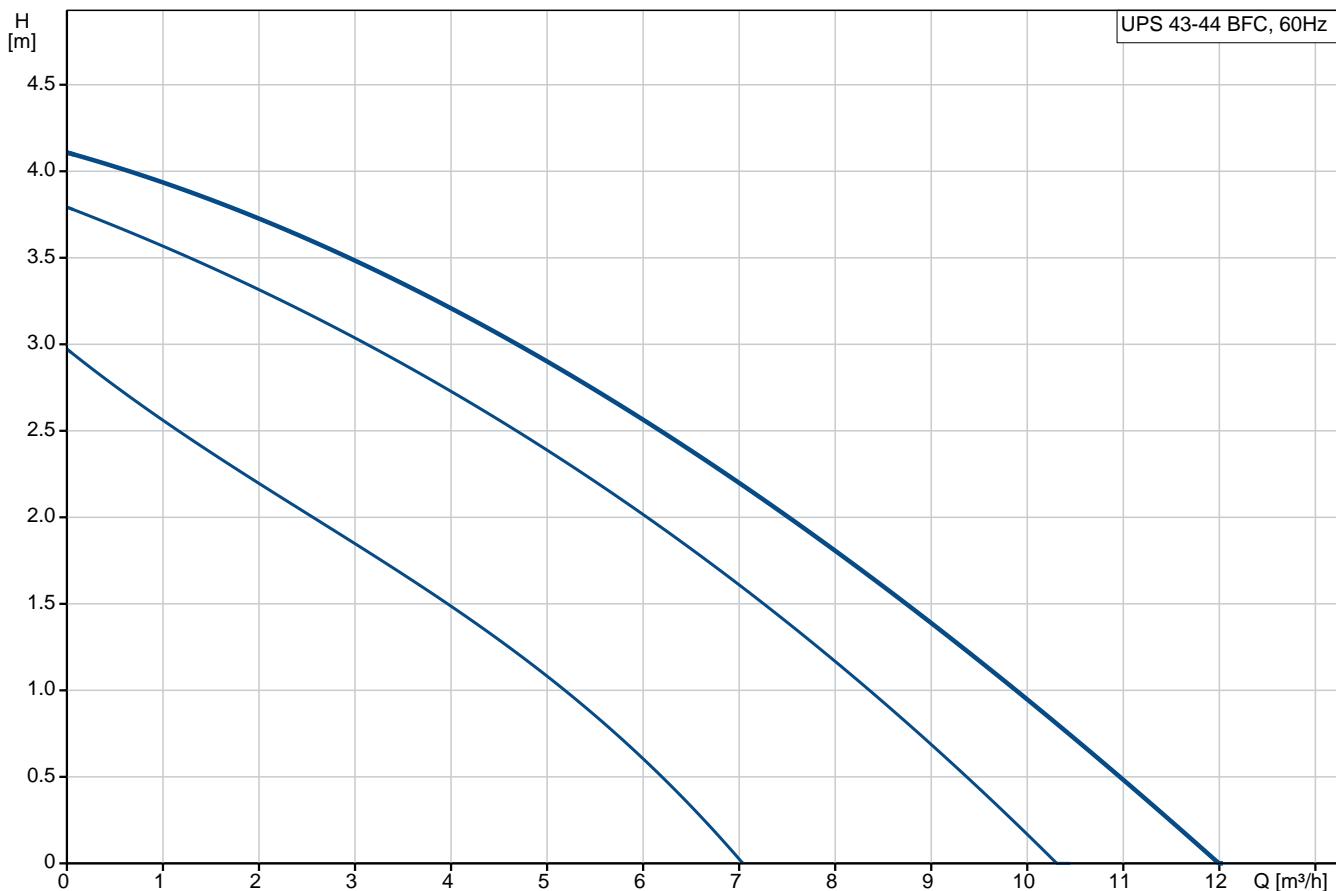
## UPS 43-44 BFC

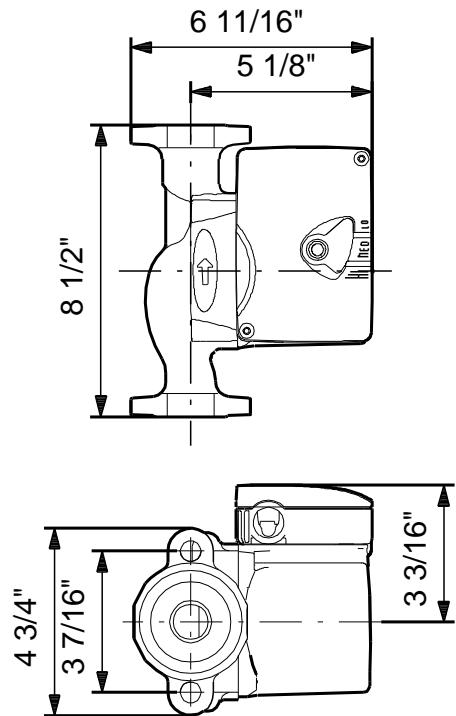


Circulator pumps

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Maximum operating pressure: 10 bar	Max. power input: 203 W
Head: _____	Liquid temperature range: 2 .. 110 °C	Rated power - P2: 0.12 kW
Efficiency: _____	Maximum ambient temperature: 40 °C	Rated voltage: 115 V
Liquid: Water	Approvals: UL, CSA	Mains frequency: 60 Hz
Temperature: 60 °C	Type of connection: Brz. Flange	Insulation class: F
NPSH required: m	Flange standard: USA Oval	Motor protection: CONTACT
Viscosity: _____	Pipe connection: 2 - Bolt Flange	Thermal protection: Internal
Specific Gravity: 0.985	Product number: On request	



**Materials:**

Pump housing: Bronze  
DIN W.-Nr. 2.1176.01  
Impeller: Composite, PES

## Tender Text



Note! Product picture may differ from actual product

Product No.: On request

### UPS 43-44 BFC

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.
- \* Bronze pump housing.

The motor is a 1-phase motor.

No additional motor protection is required.

#### Liquid:

Pumped liquid: Water

Liquid temperature range: 2 .. 110 °C

Liquid temperature during operation: 60 °C

Density: 983.2 kg/m<sup>3</sup>

#### Technical:

Approvals on nameplate: UL, CSA

#### Materials:

Pump housing: Bronze  
DIN W.-Nr. 2.1176.01

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: Brz. Flange  
Pipe connection: 2 - Bolt Flange  
Pressure rating: 10  
Port-to-port length: 215 mm

#### Electrical data:

Power input in speed 1: 157 W  
Power input in speed 2: 189 W  
Max. power input: 203 W  
Rated power - P2: 0.12 kW



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**Date:**

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Mains frequency: 60 Hz  
Rated voltage: 1 x 115 V  
Current in speed 1: 1.4 A  
Current in speed 2: 1.7 A  
Current in speed 3: 1.8 A  
Capacitor size - run: 20  $\mu$ F/180 V  
Number of poles: 2  
Insulation class (IEC 85): F

**Others:**

Gross weight: 6.12 kg

Position	Qty.	Description																																												
1	UPS 43-44 BFC	<p></p> <p><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.</p> <p>The bearings are lubricated by the pumped liquid.</p> <p>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>* Bronze pump housing.</li> </ul> <p>The motor is a 1-phase motor.</p> <p>No additional motor protection is required.</p> <p><b>Liquid:</b></p> <table> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Liquid temperature range:</td> <td>2 .. 110 °C</td> </tr> <tr> <td>Liquid temperature during operation:</td> <td>60 °C</td> </tr> <tr> <td>Density:</td> <td>983.2 kg/m<sup>3</sup></td> </tr> </table> <p><b>Technical:</b></p> <table> <tr> <td>Approvals on nameplate:</td> <td>UL, CSA</td> </tr> </table> <p><b>Materials:</b></p> <table> <tr> <td>Pump housing:</td> <td>Bronze</td> </tr> <tr> <td></td> <td>DIN W.-Nr. 2.1176.01</td> </tr> <tr> <td>Impeller:</td> <td>Composite, PES</td> </tr> </table> <p><b>Installation:</b></p> <table> <tr> <td>Maximum ambient temperature:</td> <td>40 °C</td> </tr> <tr> <td>Amb. max at 80 dgr C liquid:</td> <td>80 °C</td> </tr> <tr> <td>Maximum operating pressure:</td> <td>10 bar</td> </tr> <tr> <td>Flange standard:</td> <td>USA Oval</td> </tr> <tr> <td>Type of connection:</td> <td>Brz. Flange</td> </tr> <tr> <td>Pipe connection:</td> <td>2 - Bolt Flange</td> </tr> <tr> <td>Pressure rating:</td> <td>10</td> </tr> <tr> <td>Port-to-port length:</td> <td>215 mm</td> </tr> </table> <p><b>Electrical data:</b></p> <table> <tr> <td>Power input in speed 1:</td> <td>157 W</td> </tr> <tr> <td>Power input in speed 2:</td> <td>189 W</td> </tr> <tr> <td>Max. power input:</td> <td>203 W</td> </tr> <tr> <td>Rated power - P2:</td> <td>0.12 kW</td> </tr> <tr> <td>Mains frequency:</td> <td>60 Hz</td> </tr> <tr> <td>Rated voltage:</td> <td>1 x 115 V</td> </tr> </table>	Pumped liquid:	Water	Liquid temperature range:	2 .. 110 °C	Liquid temperature during operation:	60 °C	Density:	983.2 kg/m <sup>3</sup>	Approvals on nameplate:	UL, CSA	Pump housing:	Bronze		DIN W.-Nr. 2.1176.01	Impeller:	Composite, PES	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:	Brz. Flange	Pipe connection:	2 - Bolt Flange	Pressure rating:	10	Port-to-port length:	215 mm	Power input in speed 1:	157 W	Power input in speed 2:	189 W	Max. power input:	203 W	Rated power - P2:	0.12 kW	Mains frequency:	60 Hz	Rated voltage:	1 x 115 V
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Company name:

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Date:

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Position	Qty.	Description
		Current in speed 1: 1.4 A
		Current in speed 2: 1.7 A
		Current in speed 3: 1.8 A
		Capacitor size - run: 20 µF/180 V
		Number of poles: 2
		Insulation class (IEC 85): F
		<b>Others:</b>
		Gross weight: 6.12 kg



Company name:

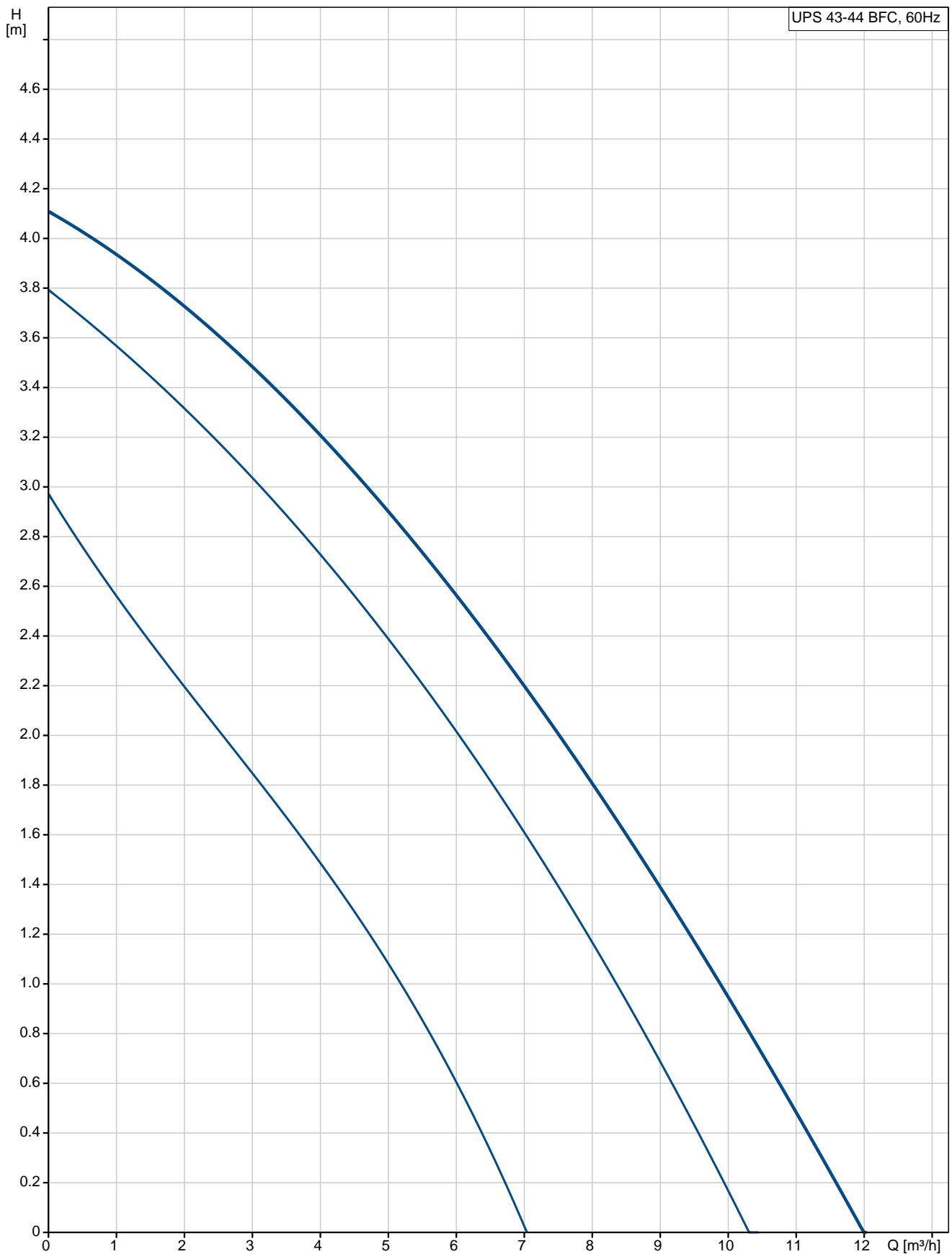
Created by:

Phone:

Date:

28/11/2017

## On request UPS 43-44 BFC 60 Hz





Company name:

Created by:

Phone:

Date: 28/11/2017

Description	Value
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**General information:**

Product name:	UPS 43-44 BFC
Product No:	On request
EAN number:	On request

**Technical:**

Speed no:	3
Max flow:	14.3 m <sup>3</sup> /h
Head max:	4.3 m
Approvals on nameplate:	UL, CSA
Valve:	Y

**Materials:**

Pump housing:	Bronze
	DIN W.-Nr. 2.1176.01
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:	Brz. Flange
Pipe connection:	2 - Bolt Flange
Pressure rating:	10
Port-to-port length:	215 mm

**Liquid:**

Pumped liquid:	Water
Liquid temperature range:	2 .. 110 °C
Liquid temperature during operation:	60 °C
Density:	983.2 kg/m <sup>3</sup>

**Electrical data:**

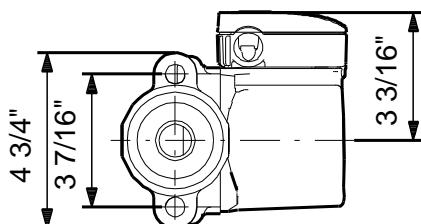
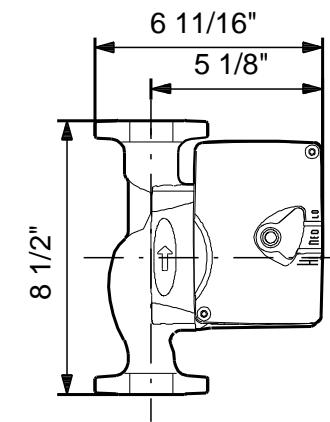
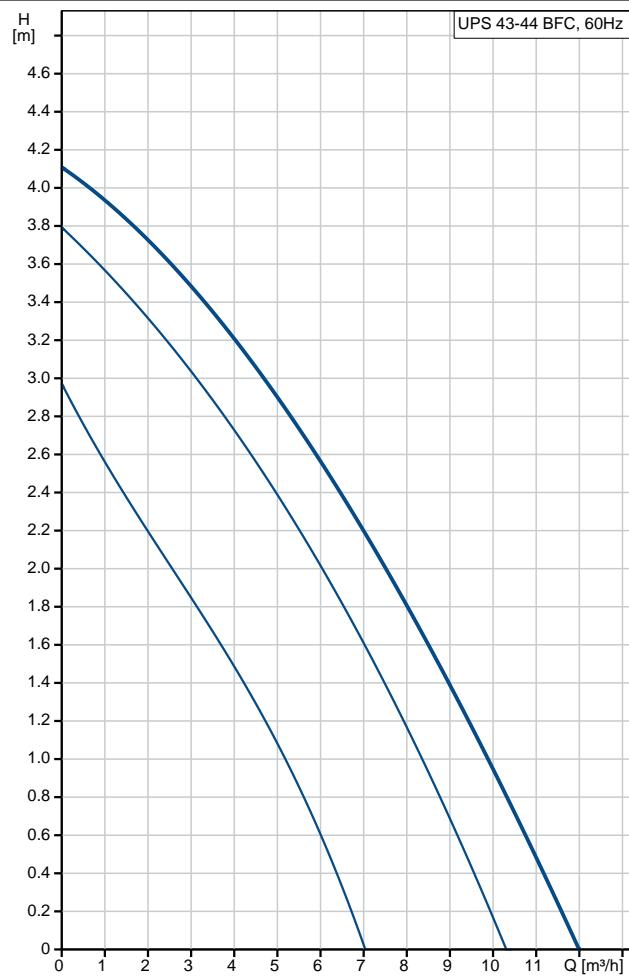
Power input in speed 1:	157 W
Power input in speed 2:	189 W
Max. power input:	203 W
Rated power - P2:	0.12 kW
Mains frequency:	60 Hz
Rated voltage:	1 x 115 V
Current in speed 1:	1.4 A
Current in speed 2:	1.7 A
Current in speed 3:	1.8 A
Capacitor size - run:	20 µF/180 V
Number of poles:	2
Insulation class (IEC 85):	F
Motor protec:	CONTACT
Thermal protec:	Internal

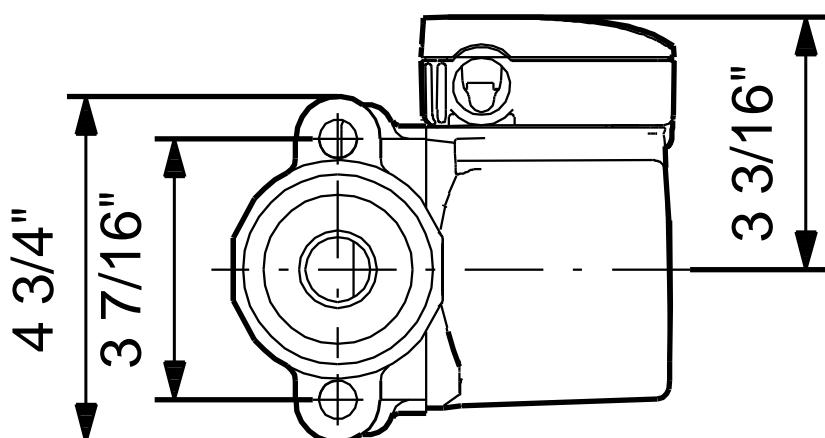
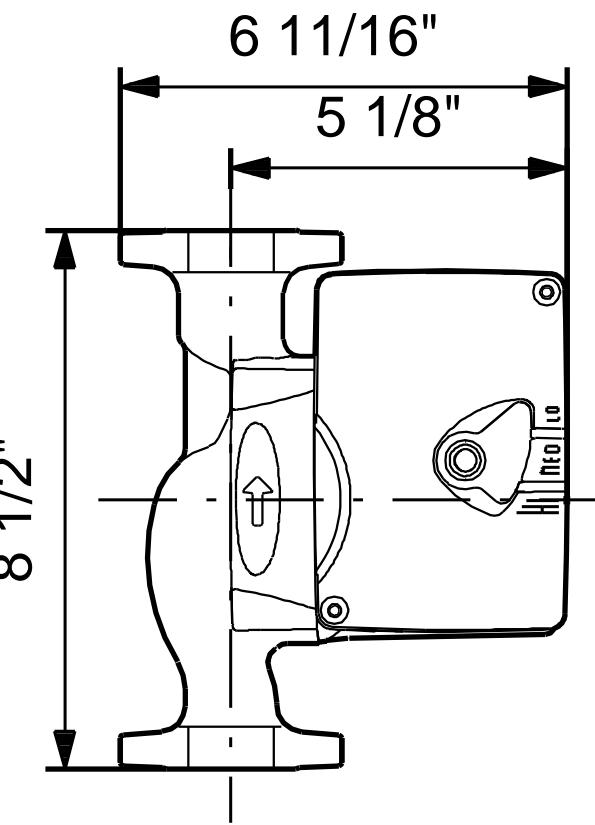
**Controls:**

Pos term box:	9H
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**Others:**

Gross weight:	6.12 kg
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**On request UPS 43-44 BFC 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

**Order Data:**

Product name: UPS 43-44 BFC

Amount: 1

Product No: On request

Total: Price on request