

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

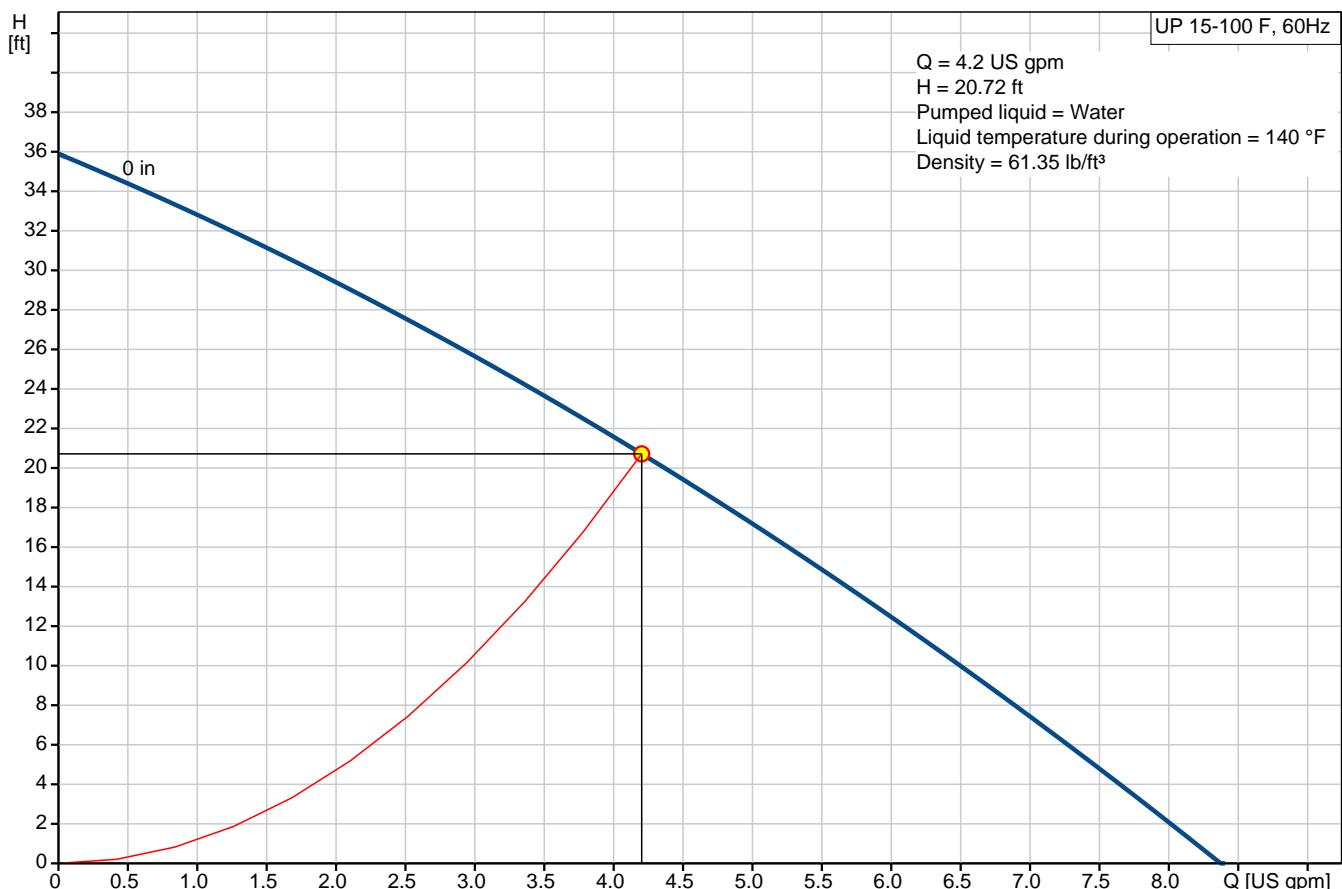
UP 15-100 F

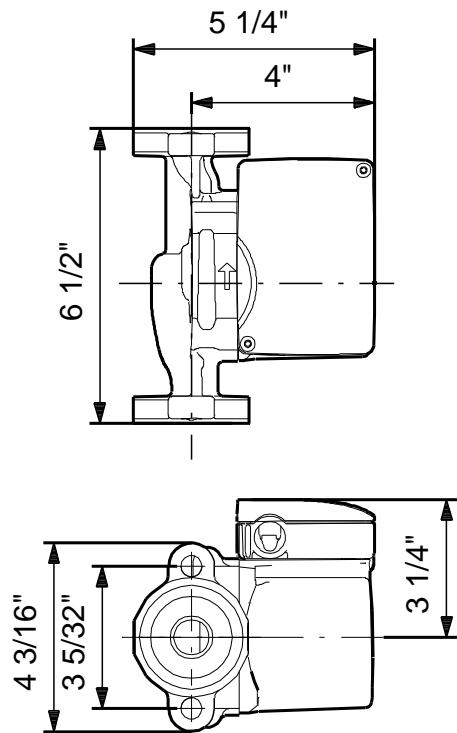
Circulator pumps



Product photo could vary from the actual product

| Conditions of Service | | Pump Data | | Motor Data | |
|-----------------------|------------|------------------------------|------------------|---------------------|----------|
| Flow: | 4.2 US gpm | Maximum operating pressure: | 145 psi | Max. power input: | 135 W |
| Head: | 20.72 ft | Liquid temperature range: | 35.6 .. 204.8 °F | Rated power - P2: | 0.04 HP |
| Efficiency: | _____ | Maximum ambient temperature: | 104 °F | Rated voltage: | 115 V |
| Liquid: | Water | Approvals: | UL, CSA | Main frequency: | 60 Hz |
| Temperature: | 140 °F | Type of connection: | C.I. Flange | Insulation class: | F |
| NPSH required: | ft | Flange standard: | USA Oval | Motor protection: | CONTACT |
| Viscosity: | _____ | Pipe connection: | 2 - Bolt Flange | Thermal protection: | internal |
| Specific Gravity: | 0.985 | Product number: | 59896300 | | |



**Materials:**

Pump housing: Cast iron
EN-JL1030
ASTM 30 B

Impeller: Composite, PES

Tender Text



Product photo could vary from the actual product

Product No.: [59896300](#)

UP 15-100 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 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: 35.6 .. 204.8 °F

Liquid temperature during operation: 140 °F

Density: 61.35 lb/ft³

Technical:

Actual calculated flow: 4.2 US gpm

Resulting head of the pump: 20.72 ft

Approvals on nameplate: UL, CSA

Materials:

Pump housing: Cast iron

EN-JL1030

ASTM 30 B

Impeller: Composite, PES

Installation:

Maximum ambient temperature: 104 °F

Ambient max at 176°F liquid: 176 °F

Maximum operating pressure: 145 psi

Flange standard: USA Oval

Type of connection: C.I. Flange

Pipe connection: 2 - Bolt Flange

Pressure stage: 10

Port-to-port length: 6 1/2 in

Electrical data:

Max. power input: 135 W

Rated power - P2: 0.04 HP



Company name:

Created by:

Phone:

Date:

2/21/2018

Main frequency: 60 Hz
Rated voltage: 1 x 115 V
Current in speed 3: 1.1 A
Capacitor size - run: 12 µF/180 V
Number of poles: 2
Insulation class (IEC 85): F

Others:

Gross weight: 6.75 lb

| Position | Count | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-------------------------------------|---|----------------|-------|---------------------------|------------------|--------------------------------------|--------|----------|--------------|-------------------------|------------|-----------------------------|----------|-------------------------|---------|---------------|-------------------------------------|-----------|----------------|------------------------------|--------|------------------------------|--------|-----------------------------|---------|------------------|----------|---------------------|-------------|------------------|-----------------|-----------------|----|----------------------|----------|-------------------|-------|-------------------|---------|-----------------|-------|----------------|-----------|
| 1 | UP 15-100 F | <p></p> <p>Product photo could vary from the actual product</p> <p>Product No.: 59896300</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 is characterized by:</p> <ul style="list-style-type: none"> * Ceramic shaft and radial bearings. * Carbon axial bearing. * Stainless steel rotor can and bearing plate. * Corrosion-resistant impeller, Composite, PES. * Cast iron pump housing. <p>The motor is a 1-phase motor.</p> <p>No additional motor protection is required.</p> <p>Liquid:</p> <table> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Liquid temperature range:</td> <td>35.6 .. 204.8 °F</td> </tr> <tr> <td>Liquid temperature during operation:</td> <td>140 °F</td> </tr> <tr> <td>Density:</td> <td>61.35 lb/ft³</td> </tr> </table> <p>Technical:</p> <table> <tr> <td>Actual calculated flow:</td> <td>4.2 US gpm</td> </tr> <tr> <td>Resulting head of the pump:</td> <td>20.72 ft</td> </tr> <tr> <td>Approvals on nameplate:</td> <td>UL, CSA</td> </tr> </table> <p>Materials:</p> <table> <tr> <td>Pump housing:</td> <td>Cast iron EN-JL1030 ASTM 30 B</td> </tr> <tr> <td>Impeller:</td> <td>Composite, PES</td> </tr> </table> <p>Installation:</p> <table> <tr> <td>Maximum ambient temperature:</td> <td>104 °F</td> </tr> <tr> <td>Ambient max at 176°F liquid:</td> <td>176 °F</td> </tr> <tr> <td>Maximum operating pressure:</td> <td>145 psi</td> </tr> <tr> <td>Flange standard:</td> <td>USA Oval</td> </tr> <tr> <td>Type of connection:</td> <td>C.I. Flange</td> </tr> <tr> <td>Pipe connection:</td> <td>2 - Bolt Flange</td> </tr> <tr> <td>Pressure stage:</td> <td>10</td> </tr> <tr> <td>Port-to-port length:</td> <td>6 1/2 in</td> </tr> </table> <p>Electrical data:</p> <table> <tr> <td>Max. power input:</td> <td>135 W</td> </tr> <tr> <td>Rated power - P2:</td> <td>0.04 HP</td> </tr> <tr> <td>Main 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: | 35.6 .. 204.8 °F | Liquid temperature during operation: | 140 °F | Density: | 61.35 lb/ft³ | Actual calculated flow: | 4.2 US gpm | Resulting head of the pump: | 20.72 ft | Approvals on nameplate: | UL, CSA | Pump housing: | Cast iron EN-JL1030 ASTM 30 B | Impeller: | Composite, PES | Maximum ambient temperature: | 104 °F | Ambient max at 176°F liquid: | 176 °F | Maximum operating pressure: | 145 psi | Flange standard: | USA Oval | Type of connection: | C.I. Flange | Pipe connection: | 2 - Bolt Flange | Pressure stage: | 10 | Port-to-port length: | 6 1/2 in | Max. power input: | 135 W | Rated power - P2: | 0.04 HP | Main frequency: | 60 Hz | Rated voltage: | 1 x 115 V |
| Pumped liquid: | Water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liquid temperature range: | 35.6 .. 204.8 °F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liquid temperature during operation: | 140 °F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Density: | 61.35 lb/ft³ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual calculated flow: | 4.2 US gpm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Resulting head of the pump: | 20.72 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals on nameplate: | UL, CSA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump housing: | Cast iron EN-JL1030 ASTM 30 B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Impeller: | Composite, PES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum ambient temperature: | 104 °F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambient max at 176°F liquid: | 176 °F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum operating pressure: | 145 psi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flange standard: | USA Oval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type of connection: | C.I. Flange | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pipe connection: | 2 - Bolt Flange | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pressure stage: | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Port-to-port length: | 6 1/2 in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. power input: | 135 W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated power - P2: | 0.04 HP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Main frequency: | 60 Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated voltage: | 1 x 115 V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Company name:

Created by:

Phone:

Date:

2/21/2018

| Position | Count | Description |
|----------|-------|-----------------------------------|
| | | Current in speed 3: 1.1 A |
| | | Capacitor size - run: 12 µF/180 V |
| | | Number of poles: 2 |
| | | Insulation class (IEC 85): F |
| | | Others: |
| | | Gross weight: 6.75 lb |



Company name:

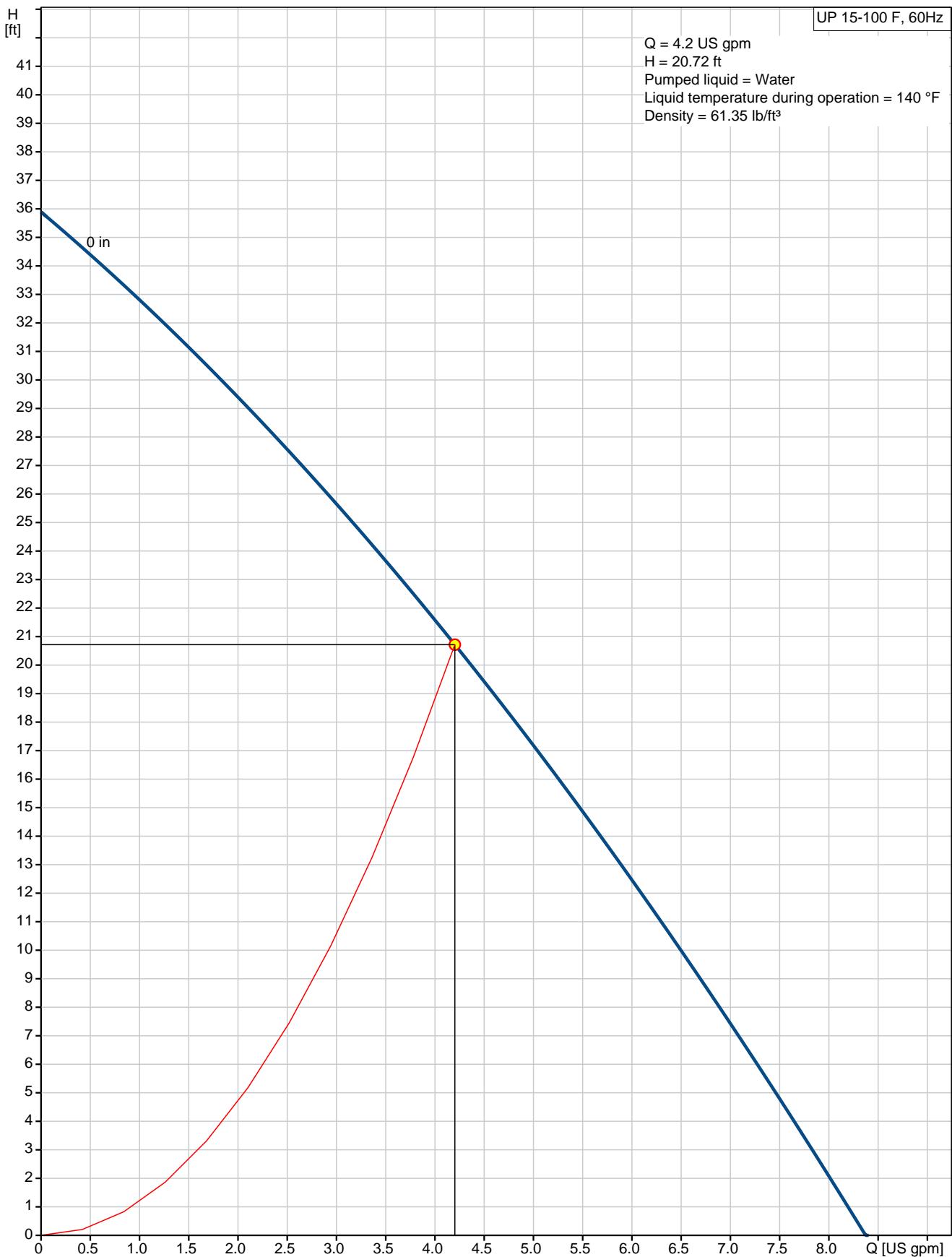
Created by:

Phone:

Date:

2/21/2018

59896300 UP 15-100 F 60 Hz





Company name:
Created by:
Phone:

Date: 2/21/2018

Description **Value**

General information:

Product name: UP 15-100 F
Product No.: 59896300
EAN: 5700394939614

Technical:

Speed Number: 1
Actual calculated flow: 4.2 US gpm
Max flow: 8.37 US gpm
Resulting head of the pump: 20.72 ft
Head max: 36.09 ft
Approvals on nameplate: UL, CSA

Materials:

Pump housing: Cast iron
EN-JL1030
ASTM 30 B
Impeller: Composite, PES

Installation:

Maximum ambient temperature: 104 °F
Ambient max at 176°F liquid: 176 °F
Maximum operating pressure: 145 psi
Flange standard: USA Oval
Type of connection: C.I. Flange
Pipe connection: 2 - Bolt Flange
Pressure stage: 10
Port-to-port length: 6 1/2 in

Liquid:

Pumped liquid: Water
Liquid temperature range: 35.6 .. 204.8 °F
Liquid temperature during operation: 140 °F
Density: 61.35 lb/ft³

Electrical data:

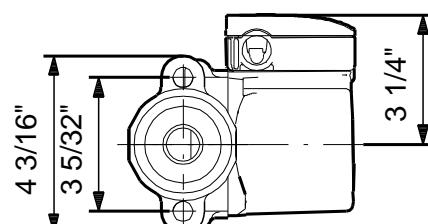
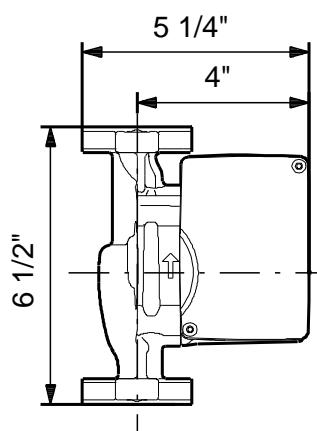
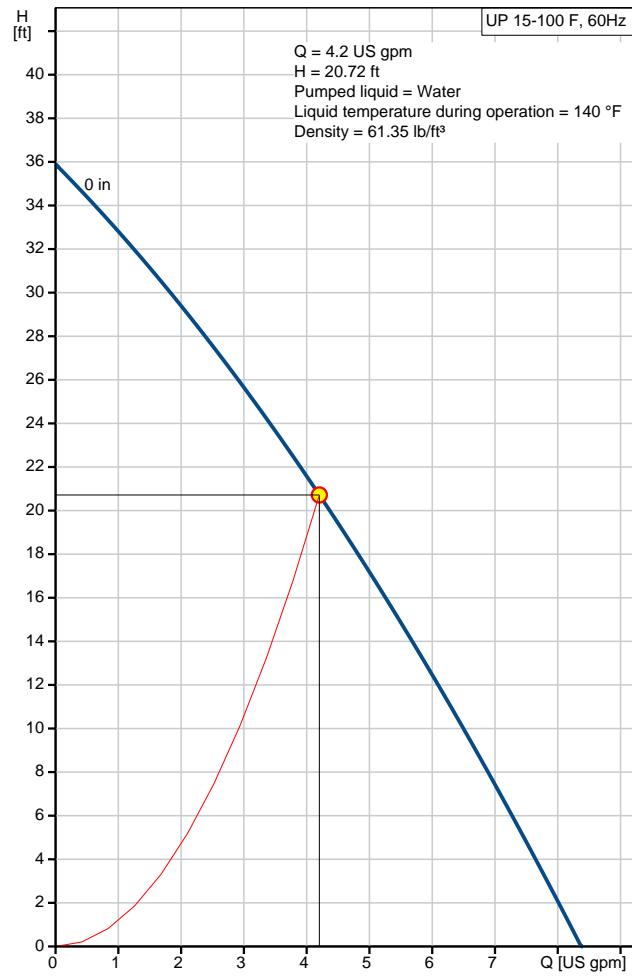
Max. power input: 135 W
Rated power - P2: 0.04 HP
Main frequency: 60 Hz
Rated voltage: 1 x 115 V
Current in speed 3: 1.1 A
Capacitor size - run: 12 µF/180 V
Number of poles: 2
Insulation class (IEC 85): F
Motor protection: CONTACT
Thermal protec: internal

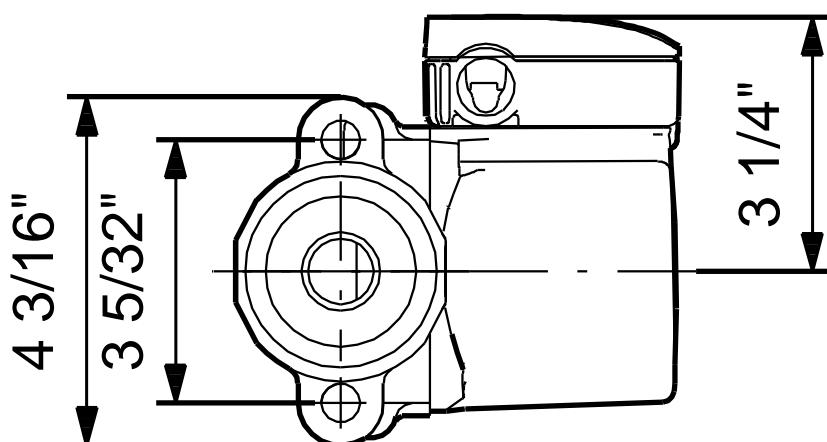
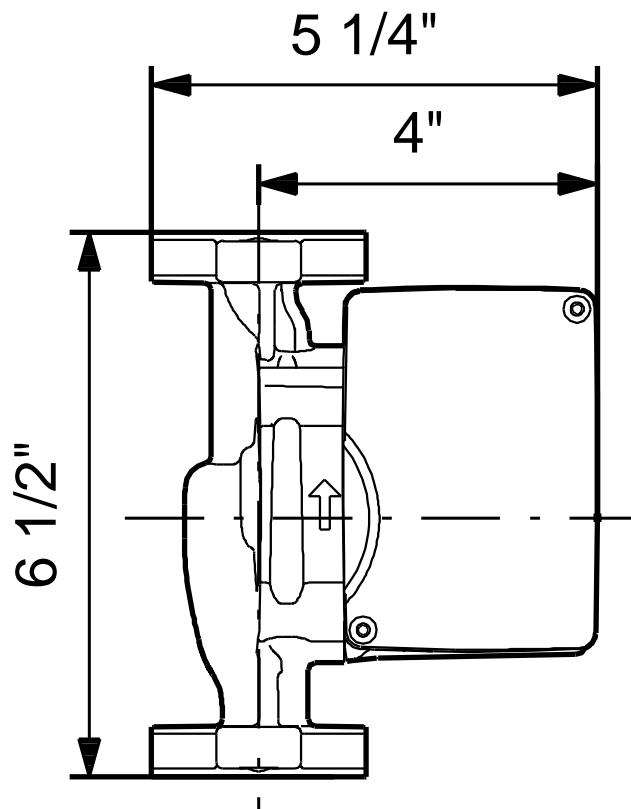
Controls:

Pos term box: 9H

Others:

Gross weight: 6.75 lb



59896300 UP 15-100 F 60 Hz

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



Company name:

Created by:

Phone:

Date:

2/21/2018

Order Data:

Product name: UP 15-100 F

Amount: 1

Product No.: 59896300

Total: Price on request