GRUNDFOS

# Submittal Data

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



Product photo could vary from the actual product

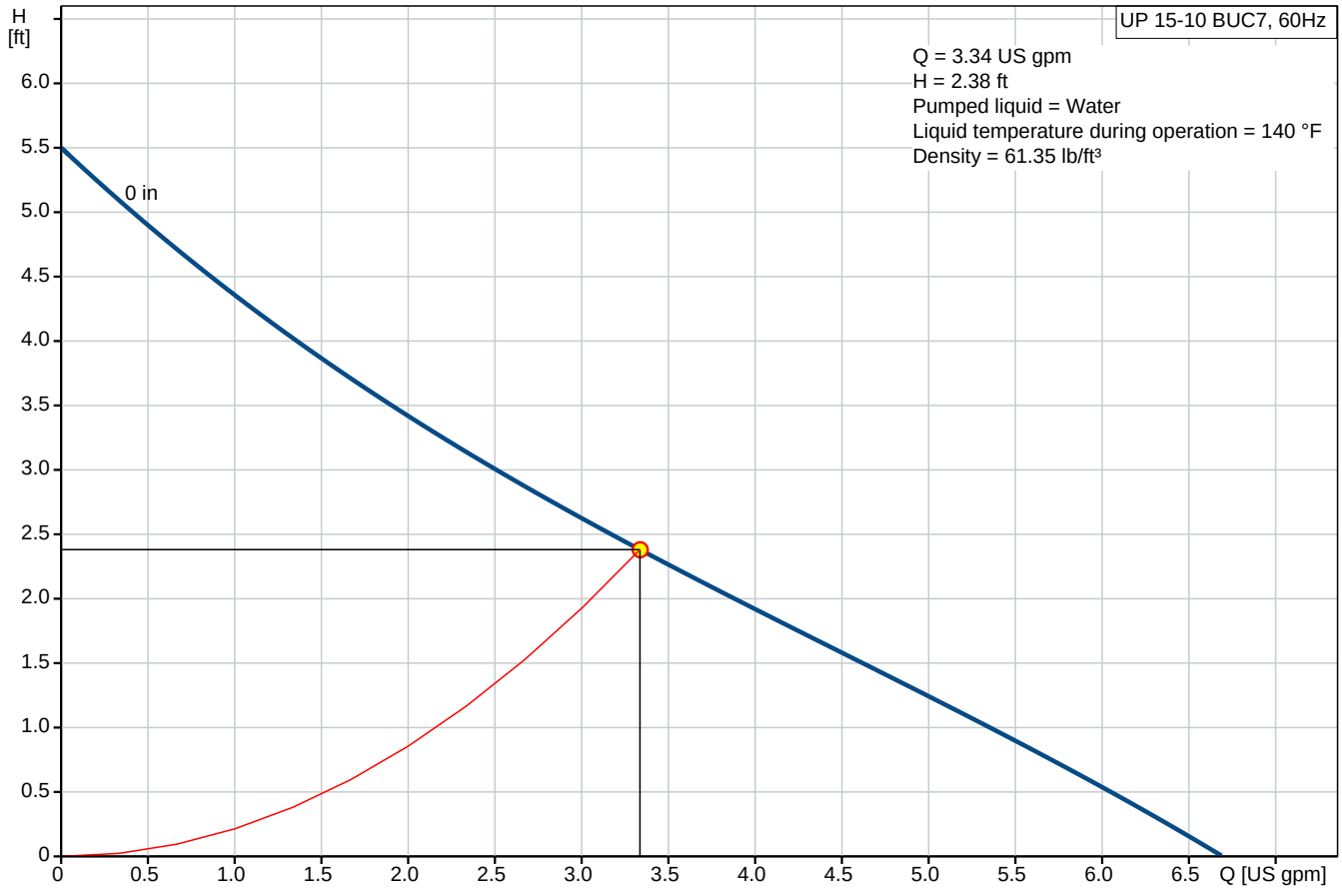
## UP 15-10 BUC7

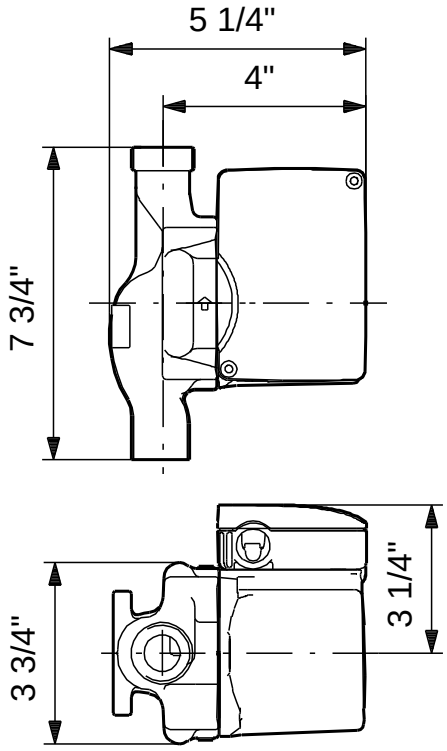
Circulator pumps

| Conditions of Service | |
|---|---|
| Flow: | 3.34 US gpm |
| Head: | 2.38 ft |
| Efficiency: | |
| Liquid: | Water |
| Temperature: | 140 °F |
| NPSH required: | ft |
| Viscosity: | |
| Specific Gravity: | 0.985 |

| Pump Data | |
|---|---|
| Maximum operating pressure: | 145 psi |
| Liquid temperature range: | 35.6 .. 230 °F |
| Maximum ambient temperature: | 104 °F |
| Approvals: | UL, CSA |
| Type of connection: | Bronze Sweat |
| Flange standard: | USA Sweat |
| Pipe connection: | 3/4" Sweat |
| Product number: | 59896241 |

| Motor Data | |
|---|---|
| Max. power input: | 25 W |
| Rated power - P2: | 0.04 HP |
| Rated voltage: | 115 V |
| Main frequency: | 60 Hz |
| Insulation class: | F |
| Motor protection: | CONTACT |
| Thermal protection: | internal |






**Materials:**

| | |
|---|---|
| Pump housing: | Bronze<br>DIN W.-Nr. 2.1176.01 |
| Impeller: | Composite, PES |

**Company name:**
**Created by:**
**Phone:**

**Date:** 2/21/2018

# Tender Text



**Product photo could vary from the actual product**

Product No.: 59896241

**UP 15-10 BUC7**

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.
* Bronze pump housing.

The motor is a 1-phase motor.
No additional motor protection is required.

**Liquid:**

| | |
|---|---|
| Pumped liquid: | Water |
| Liquid temperature range: | 35.6 .. 230 °F |
| Liquid temperature during operation: | 140 °F |
| Density: | 61.35 lb/ft³ |

**Technical:**

| | |
|---|---|
| Actual calculated flow: | 3.34 US gpm |
| Resulting head of the pump: | 2.38 ft |
| Approvals on nameplate: | UL, CSA |

**Materials:**

| | |
|---|---|
| Pump housing: | Bronze<br>DIN W.-Nr. 2.1176.01 |
| 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 Sweat |
| Type of connection: | Bronze Sweat |
| Pipe connection: | 3/4" Sweat |
| Pressure stage: | 10 |
| Port-to-port length: | 7 3/4 in |

**Electrical data:**

| | |
|---|---|
| Max. power input: | 25 W |
| Rated power - P2: | 0.04 HP |
| Main frequency: | 60 Hz |

| | |
|---|---|
| Rated voltage: | 1 x 115 V |
| Current in speed 3: | 0.22 A |
| Capacitor size - run: | 2 µF/400 V |
| Number of poles: | 2 |
| Insulation class (IEC 85): | F |

**Others:**

| | |
|---|---|
| Gross weight: | 8 lb |

GRUNDFOS

**Company name:**
**Created by:**
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**Date:** 2/21/2018

| Position | Count | Description |
|---|---|---|
| | 1 | **UP 15-10 BUC7** |



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**Technical:**

| | |
|---|---|
| Actual calculated flow: | 3.34 US gpm |
| Resulting head of the pump: | 2.38 ft |
| Approvals on nameplate: | UL, CSA |

**Materials:**

| | |
|---|---|
| Pump housing: | Bronze<br>DIN W.-Nr. 2.1176.01 |
| 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 Sweat |
| Type of connection: | Bronze Sweat |
| Pipe connection: | 3/4" Sweat |
| Pressure stage: | 10 |
| Port-to-port length: | 7 3/4 in |

**Electrical data:**

| | |
|---|---|
| Max. power input: | 25 W |
| Rated power - P2: | 0.04 HP |
| Main frequency: | 60 Hz |
| Rated voltage: | 1 x 115 V |
| Current in speed 3: | 0.22 A |

GRUNDFOS

**Company name:**
**Created by:**
**Phone:**

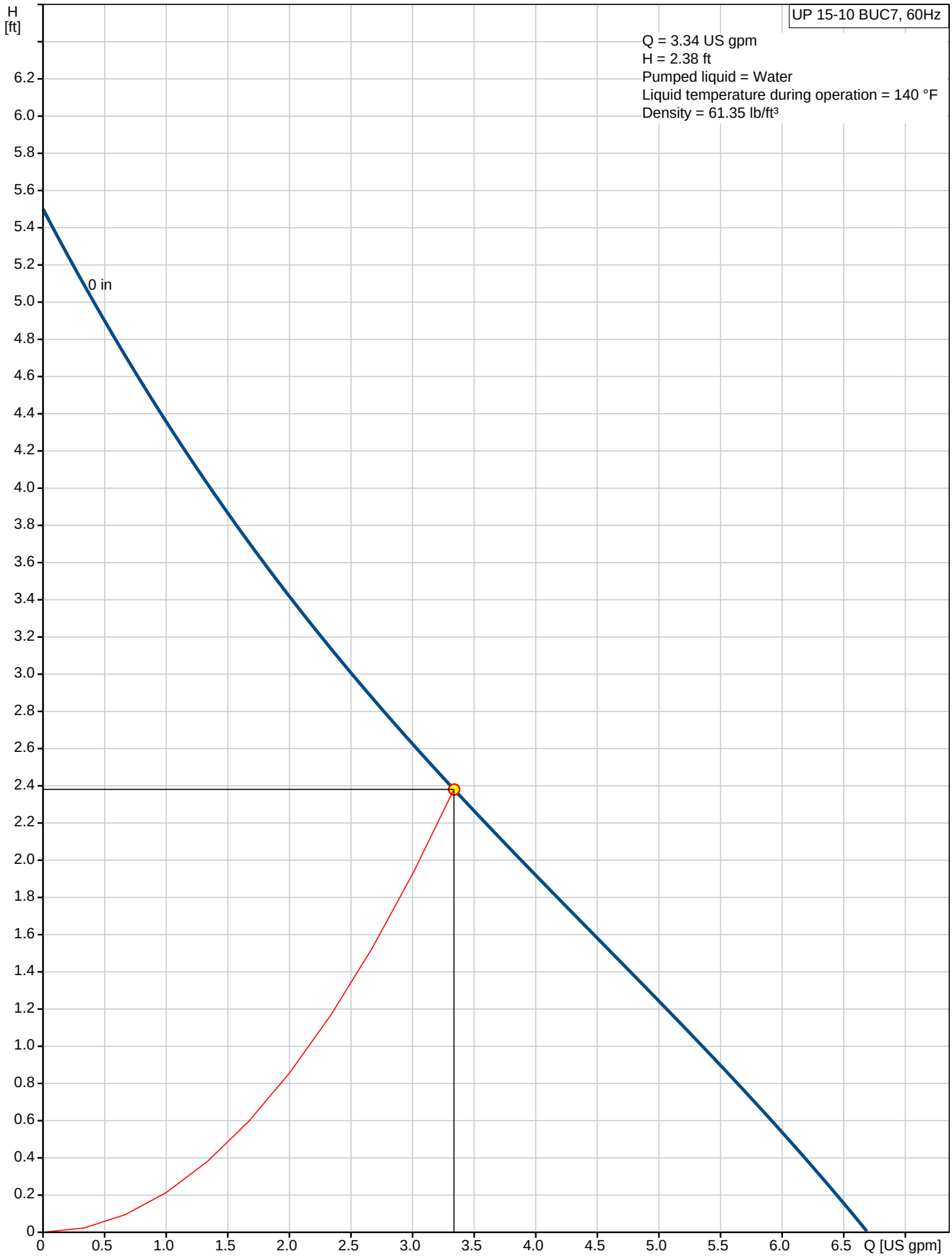
**Date:** 2/21/2018

| Position | Count | Description | |
|---|---|---|---|
| | | Capacitor size - run: | 2 µF/400 V |
| | | Number of poles: | 2 |
| | | Insulation class (IEC 85): | F |
| | | **Others:** | |
| | | Gross weight: | 8 lb |

**Company name:**
**Created by:**
**Phone:**

**Date:** 2/21/2018

# 59896241 UP 15-10 BUC7 60 Hz

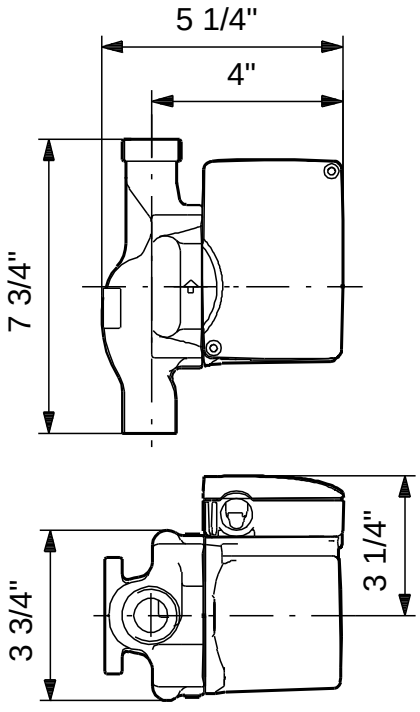


**Company name:**
**Created by:**
**Phone:**

**Date:** 2/21/2018

| Description | Value |
|---|---|
| **General information:** | |
| Product name: | UP 15-10 BUC7 |
| Product No.: | 59896241 |
| EAN: | 5700393028234 |
| | |
| **Technical:** | |
| Speed Number: | 1 |
| Actual calculated flow: | 3.34 US gpm |
| Max flow: | 6.6 US gpm |
| Resulting head of the pump: | 2.38 ft |
| Head max: | 6.562 ft |
| Approvals on nameplate: | UL, CSA |
| Valve: | pump with built-in isolating and non-return valves |
| | |
| **Materials:** | |
| Pump housing: | Bronze |
| | DIN W.-Nr. 2.1176.01 |
| 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 Sweat |
| Type of connection: | Bronze Sweat |
| Pipe connection: | 3/4" Sweat |
| Pressure stage: | 10 |
| Port-to-port length: | 7 3/4 in |
| | |
| **Liquid:** | |
| Pumped liquid: | Water |
| Liquid temperature range: | 35.6 .. 230 °F |
| Liquid temperature during operation: | 140 °F |
| Density: | 61.35 lb/ft³ |
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| **Electrical data:** | |
| Max. power input: | 25 W |
| Rated power - P2: | 0.04 HP |
| Main frequency: | 60 Hz |
| Rated voltage: | 1 x 115 V |
| Current in speed 3: | 0.22 A |
| Capacitor size - run: | 2 µF/400 V |
| Number of poles: | 2 |
| Insulation class (IEC 85): | F |
| Motor protection: | CONTACT |
| Thermal protec: | internal |
| | |
| **Controls:** | |
| Pos term box: | 9H |
| | |
| **Others:** | |
| Gross weight: | 8 lb |

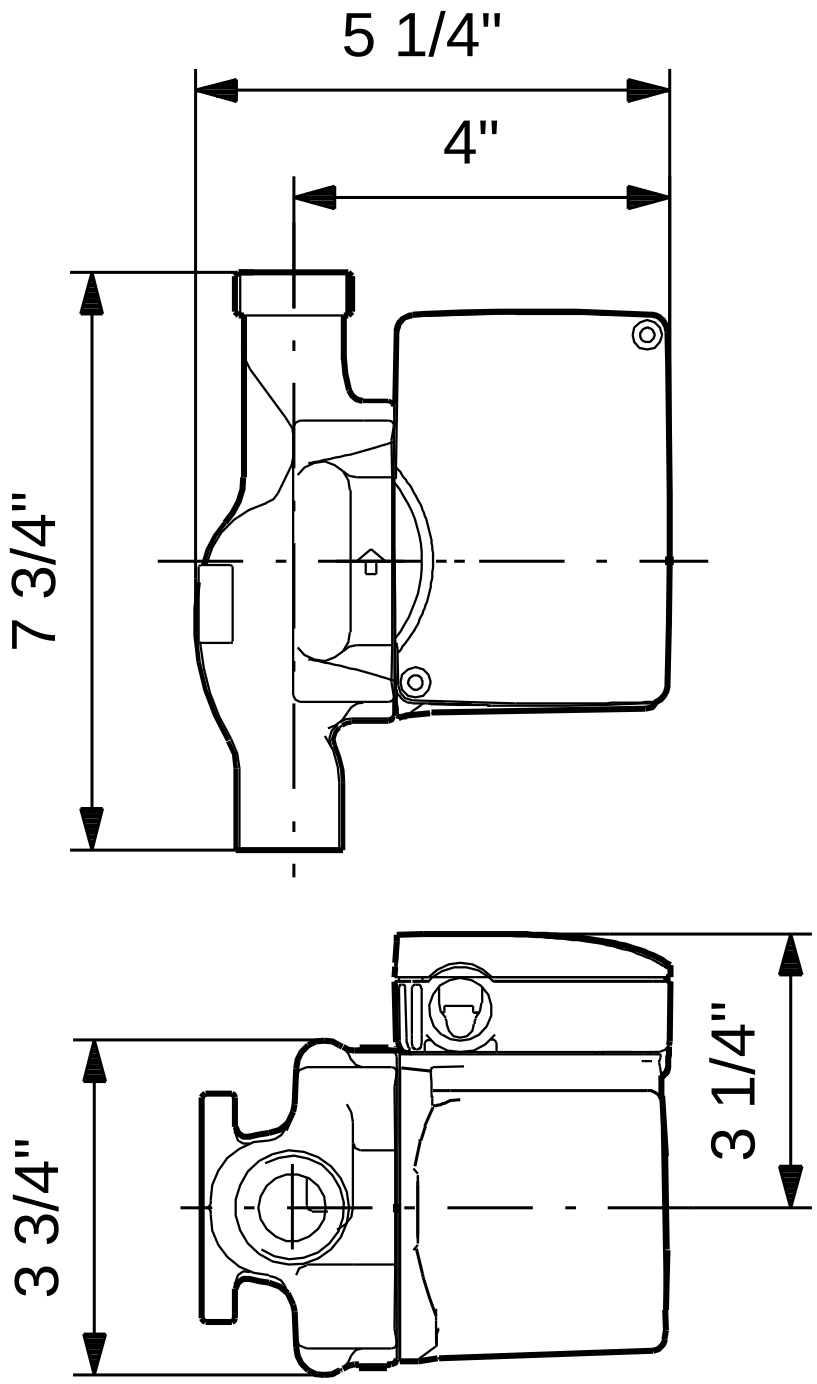


**Company name:**
**Created by:**
**Phone:**

**Date:** 2/21/2018

# 59896241 UP 15-10 BUC7 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 15-10 BUC7
Amount: 1
Product No.: 59896241

Total: Price on request