

# Submittal Data

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

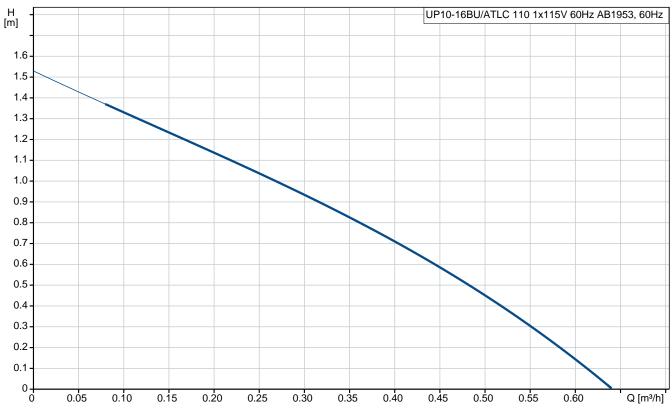
# UP10-16BU/ATLC 110 1x115V 60Hz AB1953

Domestic hot water pumps



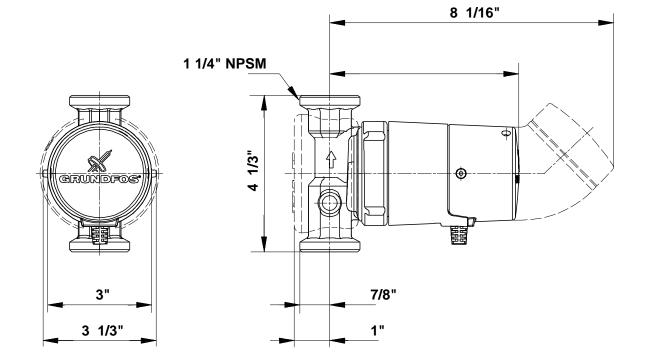
Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data		
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	Water 60 °C m 0.985	Maximum operating pressure: Liquid temperature range: Approvals: Flange standard: Pipe connection: Product number:	10 bar 2 95 °C UL,CSA USA Union 1 1/4" NPSM On request	Max. power input: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Thermal protection:	25 W 115 V 60 Hz IP42 F NONE IMP.	



# Submittal Data





Materials:

Impeller:

Pump housing: Brass MS 68 Stainless steel, EPDM, PPO, PTFE, Graphit



28/11/2017

**Tender Text** 

Note! Product picture may differ from actual product

# Product No.: On request

**UP10-16BU/ATLC 110 1x115V 60Hz AB1953** The pump is equipped with a spherical motor. In contradistinction to the conventional canned-rotor motors, the spherical motor does not have a rotating bearing shaft. The stator transfers the magnetic field to the rotor in the water-conducting part of the pump. The pump is only suitable for pressurised hot water systems.

The water-conducting part of the pump is hermetically separated from the stator with a stainless steel spherical separator.

The built-in timer enables the pump to start and stop automatically at set intervals of minimum 20 minutes.

The built-in thermostat can be set to stop the pump at a preset liquid temperature.

The pump is characterized by:

\* Self-adjusting, gimbal-mounted rotor bearing

- lubricated by the pumped liquid.
  - \* High-quality bearing material.
  - \* The motor can be separated from the pump housing,
- enabling easy maintenance and replacement.
  - \* Corrosion-resistant impeller, Stainless steel, EPDM, PPO, PTFE, Graphit.
  - \* Brass pump housing.

The motor is a single-phase motor. It does not require external motor protection.

### Liquid:

Pumped liquid:	Water
Liquid temperature range:	2 95 °C
Liquid temperature during	operation: 60 °C
Density:	983.2 kg/m³

### Technical:

TF class:	95
Approvals on nameplate:	UL,CSA



Date:

28/11/2017

#### Materials: Pump housing:

Pump nousing: Impeller: Brass MS 68 Stainless steel, EPDM, PPO, PTFE, Graphit

### Installation:

Maximum operating pressure:	10 bar
Flange standard:	USA Union
Pipe connection:	1 1/4" NPSM
Pressure rating:	10
Port-to-port length:	110 mm

### Electrical data:

Max. power input:	25 W
Mains frequency:	60 Hz
Rated voltage:	1 x 115 V
Current in speed 3:	0.23 A
Capacitor size - run:	2.2 µF
Enclosure class (IEC 34-5):	IP42
Insulation class (IEC 85):	F
Cable type:	Connecting cord with plug
Type of cable plug:	NEMA 5-15P

### Others:

Net weight:	1.53 kg
Gross weight:	1.73 kg
Shipping volume:	0.004 m <sup>3</sup>



Position

1

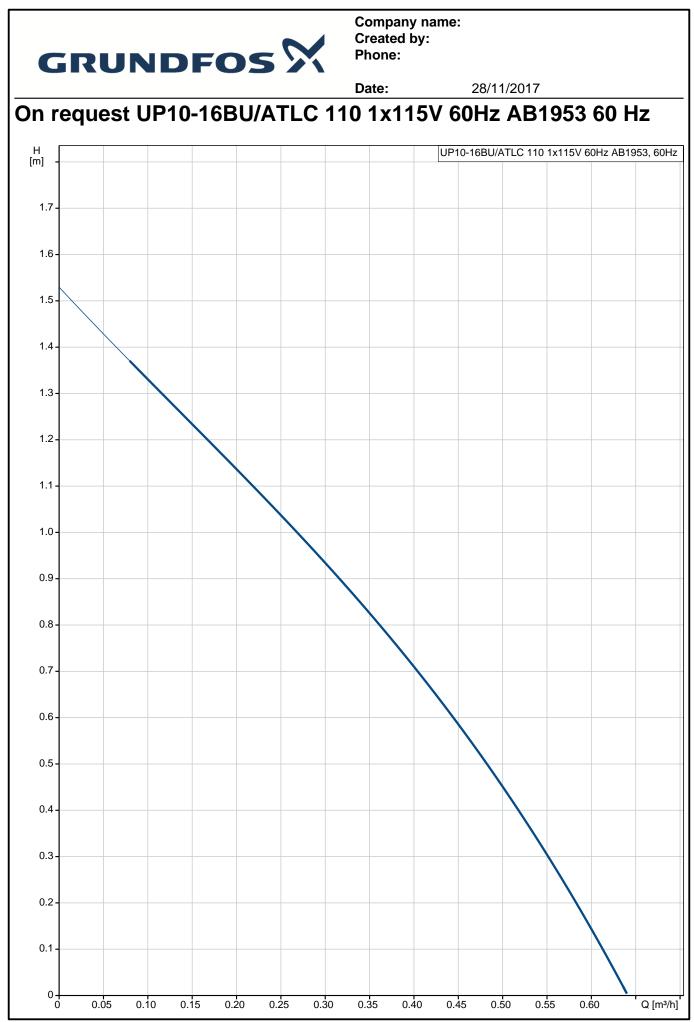
Company name: Created by: Phone:

Date: 28/11/2017 Qty. Description UP10-16BU/ATLC 110 1x115V 60Hz AB1953 Note! Product picture may differ from actual product Product No.: On request The pump is equipped with a spherical motor. In contradistinction to the conventional canned-rotor motors, the spherical motor does not have a rotating bearing shaft. The stator transfers the magnetic field to the rotor in the water-conducting part of the pump. The pump is only suitable for pressurised hot water systems. The water-conducting part of the pump is hermetically separated from the stator with a stainless steel spherical separator. The built-in timer enables the pump to start and stop automatically at set intervals of minimum 20 minutes. The built-in thermostat can be set to stop the pump at a preset liquid temperature. The pump is characterized by: \* Self-adjusting, gimbal-mounted rotor bearing lubricated by the pumped liquid. \* High-quality bearing material. \* The motor can be separated from the pump housing, enabling easy maintenance and replacement. \* Corrosion-resistant impeller, Stainless steel, EPDM, PPO, PTFE, Graphit. \* Brass pump housing. The motor is a single-phase motor. It does not require external motor protection. Liquid: Pumped liquid: Water Liquid temperature range: 2 .. 95 °C Liquid temperature during operation: 60 °C m3

Density:	983.2 kg/m³
<b>Technical:</b> TF class: Approvals on nameplate:	95 UL,CSA
<b>Materials:</b> Pump housing:	Brass MS 68



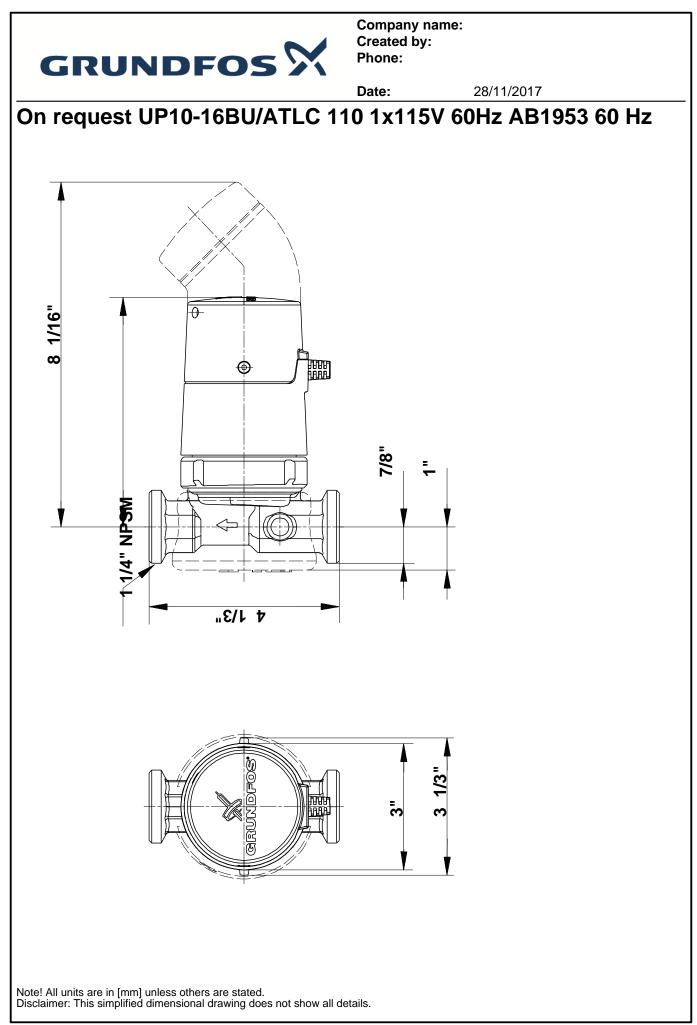
			Date:	28/11/2017	
Position	Qty.	Description			
		Impeller:	Stainless steel, EPDM, PF	PO, PTFE, Graphit	
		Installation: Maximum operating pressure: Flange standard: Pipe connection: Pressure rating: Port-to-port length:	10 bar USA Union 1 1/4" NPSM 10 110 mm		
		Electrical data: Max. power input: Mains frequency: Rated voltage: Current in speed 3: Capacitor size - run: Enclosure class (IEC 34-5): Insulation class (IEC 85): Cable type: Type of cable plug:	25 W 60 Hz 1 x 115 V 0.23 A 2.2 μF IP42 F Connecting cord with plug NEMA 5-15P		
		Others: Net weight: Gross weight: Shipping volume:	1.53 kg 1.73 kg 0.004 m³		



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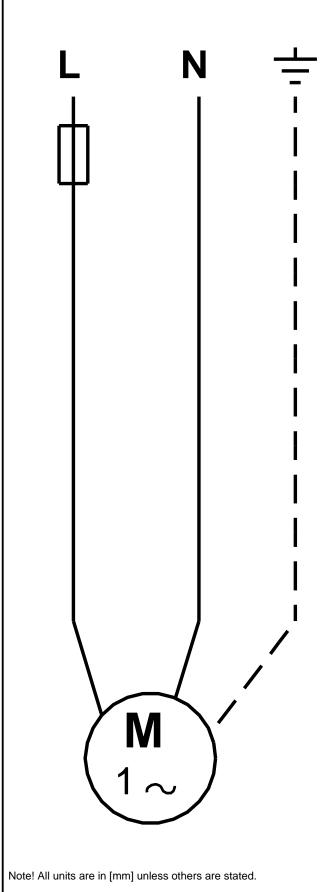
		Date:	28/11/2017						
Description	Value	H		UP10-16	BU/ATLC '	10 1x115	V 60Hz A	B1953, 60	Hz
General information:									
Product name:	UP10-16BU/ATLC 110 1x115V 60Hz AB1953	1.7 -							
Product No:	On request								
EAN number:	On request	1.5 -							
		1.4 -							
Technical:									
Speed no:	1	1.3							_
Head max:	16 dm	1.2							
TF class:	95								
Approvals on nameplate:	UL,CSA	1.1 -							_
Valve:	Y	1.0 -							
Materials:									
Pump housing:	Brass MS 68	0.9 -							
Impeller:	Stainless steel, EPDM, PPO,	0.8 -							
	PTFE, Graphit								
		0.7 -							
Installation:		0.6							
Maximum operating pressure:	10 bar								
Flange standard:	USA Union	0.5 -				-	$\vdash$		_
Pipe connection:	1 1/4" NPSM	0.4 -							
Pressure rating:	10	0.4 -							
Port-to-port length:	110 mm	0.3					+		
		0.2 -							
Liquid:		0.2							
Pumped liquid:	Water	0.1 -							
Liquid temperature range:	2 95 °C								
Liquid temperature during operation:		0 0.05 0.	).15	0.25	0.35	0.45	0.55	Q [m <sup>3</sup>	۶/h]
Density:	983.2 kg/m³						1/16"		
Electrical data:					-	0	1/10	•	
Max. power input:	25 W		1 1/4"	NPSM	-		-		
Mains frequency:	60 Hz							$\sim$	
Rated voltage:	1 x 115 V						ф (	$\mathbb{X}$	
Current in speed 3:	0.23 A	Hamilton H	\ ₩	13			»	_X)	,
Capacitor size - run:	2.2 µF			4			Ī	ji.	
Enclosure class (IEC 34-5):	IP42								
Insulation class (IEC 85):	F								
Motor protec:	NONE	3"		_	7/	8"			
Thermal protec:	IMP.	3 1/3"			1	,			
Cable type:	Connecting cord with plug		I.	-1					
Type of cable plug:	NEMA 5-15P								
Others:									
Net weight:	1.53 kg	·							
Gross weight:	1.53 kg	LN÷							
Shipping volume:	0.004 m <sup>3</sup>	<u>н I</u>							
Shipping volume:	0.004 m <sup>3</sup>	ΨΙί							
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**Date:** 28/11/2017

# On request UP10-16BU/ATLC 110 1x115V 60Hz AB1953 60 Hz





28/11/2017

### **Order Data:**

Product name:UP10-16BU/ATLC 110 1x115V 60Hz AB1953Amount:1Product No:On request

Total: Price on request