

Submittal Data

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

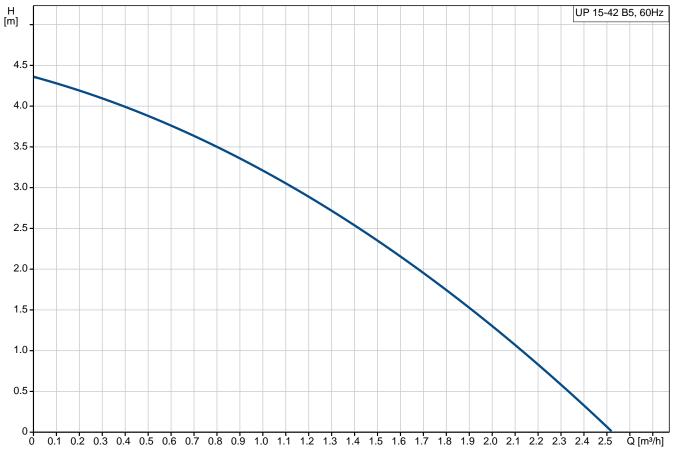


UP 15-42 B5

Circulator pumps

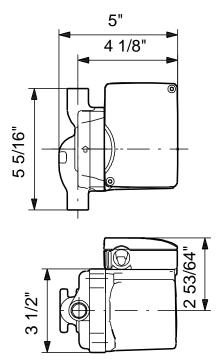
Note! Product picture may differ from actual product

Conditions of Service		Pump Data	Motor Data		
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	Water 60 °C 0.985	Maximum operating pressure: Liquid temperature range: Maximum ambient temperature: Approvals: Type of connection: Flange standard: Pipe connection: Product number:	10 bar 2 110 °C 40 °C UL, CSA Brz. Sweat USA Sweat 1/2" Sweat 59896145	Max. power input: Rated voltage: Mains frequency: Insulation class: Motor protection: Thermal protection:	85 W 115 V 60 Hz F CONTACT internal





Submittal Data



Materials:

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

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			Date:	19/06/2020	
Qty.	Description				
1	UP 15-42 B5				
		Note! Product picture	may differ from act	ual product	
	Product No.: 59896145 The pump is of the canned rotor and motor form an integral unit v seal and with only two gaskets for The bearings are lubricatd by the The pump is characterized by: * Ceramic shaft and radial * Carbon axial bearing. * Stainless steel rotor can a * Corrosion-resistant impel * Bronze pump housing.	vithout shaft or sealing. e pumped liquid. bearings. and bearing plate.			
	The motor is a 1-phase motor. No additional motor protection is	required.			
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water 2 110 °C 60 °C 983.2 kg/m ³			
	Technical:				
	Approvals on nameplate:	UL, CSA			
	Materials:	_			
	Pump housing:	Bronze DIN WNr. 2.1176.01	l		
	Impeller:	Composite, PES			
	Installation: Maximum ambient temperature: Amb. max at 80 dgr C liquid:	40 °C 80 °C			
	Maximum operating pressure: Flange standard:	10 bar USA Sweat			
	Type of connection: Pipe connection: Pressure rating: Port-to-port length:	Brz. Sweat 1/2" Sweat 10 127 mm			
	Electrical data: Max. power input: Mains frequency: Rated voltage: Current in speed 3:	85 W 60 Hz 1 x 115 V 0.74 A			
	Capacitor size - run: Number of poles:	0.74 A 10 μF/180 V 2			

Printed from Grundfos Product Centre [2020.06.029]

Number of poles: Insulation class (IEC 85): 2 F

Company name: Created by: Phone:

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			Date:	19/06/2020
Qty.	Description			
	Others: Gross weight:	2.72 kg		
		3		
1				

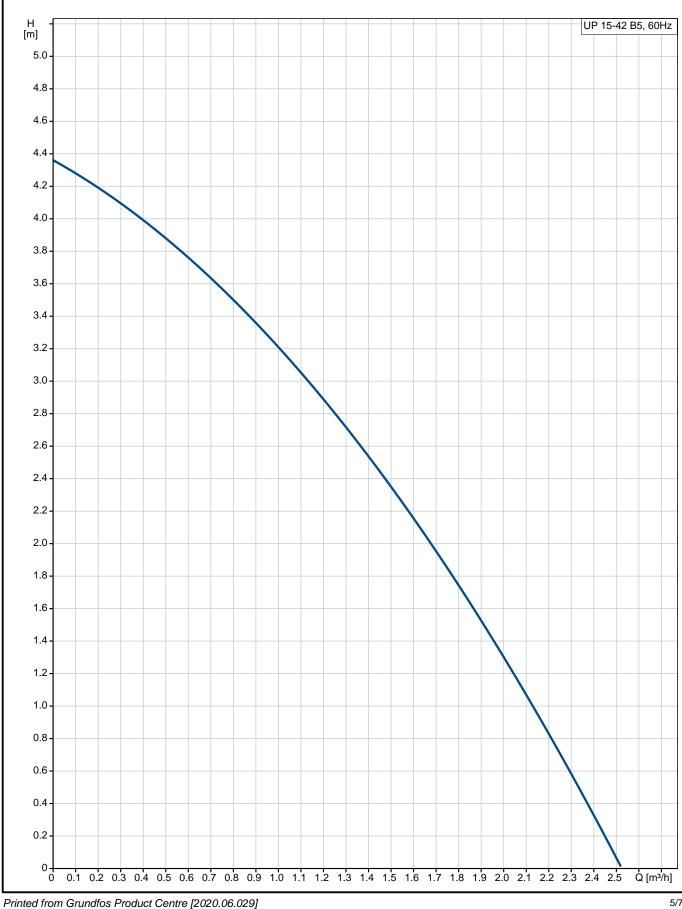


Company name: Created by: Phone:

Date:

19/06/2020

59896145 UP 15-42 B5 60 Hz





Company name: Created by: Phone:

		Date:	19/06/2020	
Description	Value	H = [m]		UP 15-42 B5, 60Hz
General information:		-		
Product name:	UP 15-42 B5	4.8 -		
Product No:	59896145	4.6 -		
EAN number:	5700391412462	4.4		
	5700391412462	4.2		
Technical:		4.0		
Speed no:	1			
Max flow:	3.9 m³/h	3.8 -		
Head max:	4.6 m	3.6 -		
Approvals on nameplate:	UL, CSA	3.4 -		
Materials:		3.2 -		
Pump housing:	Bronze	3.0		
	DIN WNr. 2.1176.01			
Impeller:	Composite, PES	2.8 -		
Installation:		2.6 -		
Maximum ambient temperature:	40 °C	2.4 -		
Amb. max at 80 dgr C liquid:	80 °C	2.2		
Maximum operating pressure:	10 bar	2.0		
Flange standard:	USA Sweat			
Type of connection:	Brz. Sweat	1.8 -		
Pipe connection:	1/2" Sweat	1.6 -		
Pressure rating:	10	1.4 -		
Port-to-port length:	127 mm	1.2 -		
Liquid:		1.0		
Pumped liquid:	Water	0.8		
Liquid temperature range:	2 110 °C			
Selected liquid temperature:	60 °C	0.6 -		
Density:	983.2 kg/m³	0.4 -		
Electrical data:		0.2 -		
Max. power input:	85 W	0 0.2		
Mains frequency:	60 Hz	0 0.2	0.4 0.6 0.8 1.0 1.2 1.4	4 1.6 1.8 2.0 2.2 Q [m³/h]
Rated voltage:	1 x 115 V			
Current in speed 3:	0.74 A			
Capacitor size - run:	10 µF/180 V			
Number of poles:	2			
Insulation class (IEC 85):	F			
Motor protec:	CONTACT			
Thermal protec:	internal			
Controls:				
Pos term box:	9H			
Others:				
Gross weight:	2.72 kg			

