

Submittal Data

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

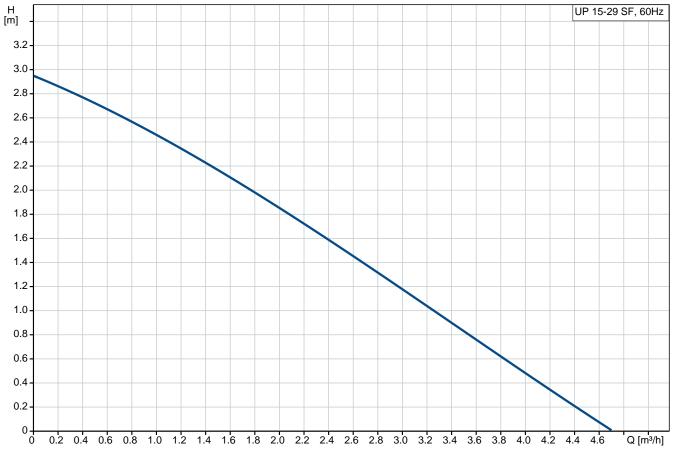


UP 15-29 SF

Circulator pumps

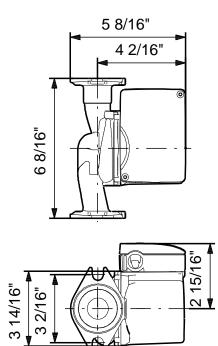
Note! Product picture may differ from actual product

Conditions	of Service	Pump Data		Motor Data	
Flow:		Maximum operating pressure:	10 bar	Max. power input:	87 W
Head:		Liquid temperature range:	2 110 °C	Rated power - P2:	0.09 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:	S.S. Flange		F
NPSH required: Viscosity: Specific Gravity:	m 0.985	Flange standard: Pipe connection: Product number:	USA Oval 2 - Bolt Flange On request	Motor protection: Thermal protection:	CONTACT Internal





Submittal Data



Materials:

.

Pump housing:	Stainless steel DIN WNr. 1.4301
	AISI 304
Impeller:	Composite, PES



Date:

28/11/2017

Tender Text



Note! Product picture may differ from actual product

UP 15-29 SF 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 lubricatd by the pumped liquid.

The pump is characterized by:

Product No.: On request

- * Ceramic shaft and radial bearings.
- Carbon axial bearing.
 Staiplage steel rates a
- * Stainless steel rotor can and bearing plate.
- * Corrosion-resistant impeller, Composite, PES.
- * Stainless steel 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 opera	tion: 60 °C
Density:	983.2 kg/m³
Technical: Approvals on nameplate:	UL, CSA
Materials:	
Pump housing:	Stainless steel
	DIN WNr. 1.4301

Installation: Maximum ambient temperature: Amb. max at 80 dgr C liquid: Maximum operating pressure: Flange standard: Type of connection: Pipe connection: Pressure rating: Port-to-port length:	40 °C 80 °C 10 bar USA Oval S.S. Flange 2 - Bolt Flange 10 165 mm
Electrical data: Max. power input: Rated power - P2: Mains frequency: Rated voltage:	87 W 0.09 kW 60 Hz 1 x 115 V

AISI 304

Composite, PES



Date:

28/11/2017

Current in speed 3:	0.75 A
Capacitor size - run:	10 µF/180 V
Number of poles:	2
Insulation class (IEC 85):	F

Others: Gross weight:

2.72 kg

G		UNDFOS	Cr.	mpany name: eated by: one:		
		UNDFUS	Da	te:	28/11/2017	
Position	Qty.	Description				
	1	UP 15-29 SF				
			Note! Product	picture may differ fro	om actual product	
		Note! Product picture may differ from actual product Product No.: On request 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 lubricatd 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. * Stainless steel pump housing. The motor is a 1-phase motor.				
		No additional motor protection is Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operat	Water 2 110 °C			
		Density:	983.2 kg/m ³			
		Technical: Approvals on nameplate:	UL, CSA			
		Materials: Pump housing:	Stainless steel DIN WNr. 1.4 AISI 304	301		
		Impeller:	Composite, PE	:5		
		Maximum ambient temperature: Amb. max at 80 dgr C liquid: Maximum operating pressure: Flange standard: Type of connection: Pipe connection: Pressure rating: Port-to-port length:	40 °C 80 °C 10 bar USA Oval S.S. Flange 2 - Bolt Flange 10 165 mm			
		Electrical data: Max. power input: Rated power - P2: Mains frequency: Rated voltage: Current in speed 3: Capacitor size - run:	87 W 0.09 kW 60 Hz 1 x 115 V 0.75 A 10 μF/180 V			



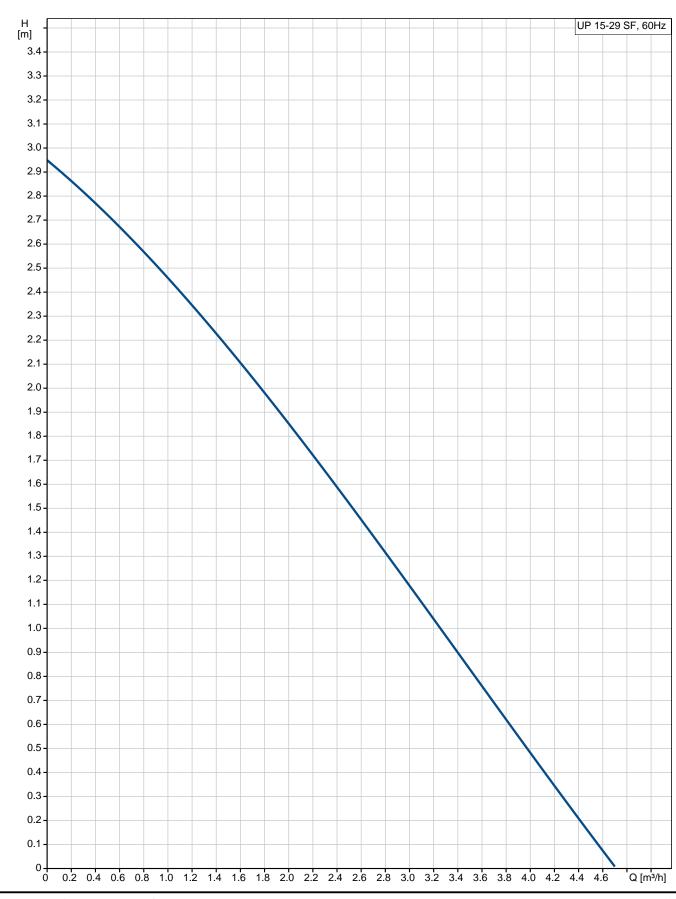
Opsition Oty. Description Number of poles: 2 Insulation class (IEC 85): F Others: Gross weight: 2.72 kg					Date:	28/11/2017	
Number of poles: 2 Insulation class (IEC 85): F Others: Content of the second s	Position	Qty.	Description				
Others:			Number of poles:	2			
Others: 2.72 kg			Insulation class (IEC 85):	F			
Gross weight: 2.72 kg			Others:				
			Gross weight:	2.72 kg			



Date:

28/11/2017

On request UP 15-29 SF 60 Hz

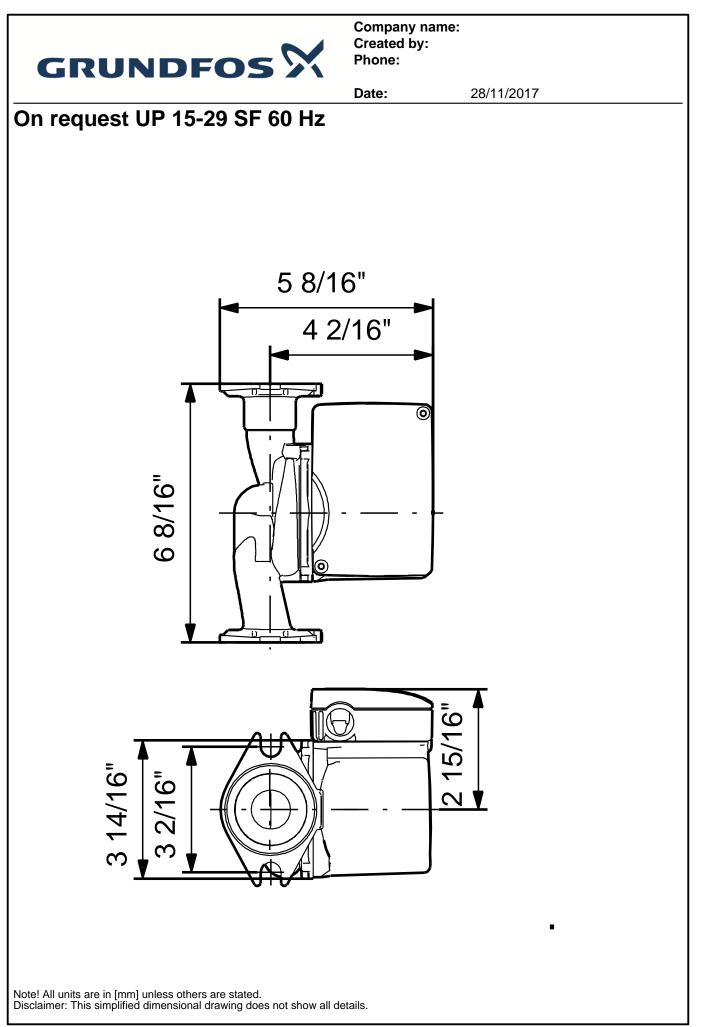


Printed from Grundfos Product Centre [2017.08.028]



		Dat				28/11/	2017			
Description	Value	H [m]						UP 1	5-29 SF, 60
General information:										
Product name:	UP 15-29 SF		3.2 -							
Product No:	On request									
EAN number:	On request		3.0	_						
Technical:			2.8							
Speed no:	1									
Max flow:	4.7 m ³ /h		2.6 -						_	
Head max:	3 m									
Approvals on nameplate:	UL, CSA		2.4 -		$\mathbf{\Lambda}$					
	02,007		2.2 -	_						
Materials:										
Pump housing:	Stainless steel		2.0 -							
	DIN WNr. 1.4301		1.8							
	AISI 304									
Impeller:	Composite, PES		1.6 -							
Installation:			1.4				\backslash			
Maximum ambient temperature:	40 °C]							
Amb. max at 80 dgr C liquid:	80 °C		1.2	_						
Maximum operating pressure:	10 bar									
Flange standard:	USA Oval		1.0 -					\rightarrow		
Type of connection:	S.S. Flange									
Pipe connection:	2 - Bolt Flange		0.8 -						\mathbf{N}	
Pressure rating:	10		0.6							
Port-to-port length:	165 mm								$ \rangle$	
I invitab			0.4 -							
Liquid:	Water		0.2							$\mathbf{\lambda}$
Pumped liquid:	2 110 °C		0.2							
Liquid temperature range: Liquid temperature during operation:	2 110 C 60 °C		0						<u> </u>	
Density:	983.2 kg/m ³		0	0.5 1	.0 1.	5 2.0	2.5	3.0	3.5 4.0	Q [m³
Electrical data:										
Max. power input:	87 W									
Rated power - P2:	0.09 kW					58	/16"			
Mains frequency:	60 Hz				-					
Rated voltage:	1 x 115 V					4	2/16			
Current in speed 3:	0.75 A			_						
Capacitor size - run:	10 µF/180 V			7			,			
Number of poles:	2				{	÷Π		J		
Insulation class (IEC 85):	F			_						
Motor protec:	CONTACT			.0	1	אן /∦≮	N			
Thermal protec:	Internal			8/16"	†	;∦ ∰	<u> </u>	-		
Controls:				9		ЦШ	/ 0			
Pos term box:	9H						<u> </u>			
Others:				1	لے ا		3			
Gross weight:	2.72 kg									
-	-		3 14/16"	3 2/16"				2 15/16"	1 ▼ 2 2 2 2 2	

.





28/11/2017

Order Data:

Product name:UP 15-29 SFAmount:1Product No:On request

Total: Price on request