

# Submittal Data

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

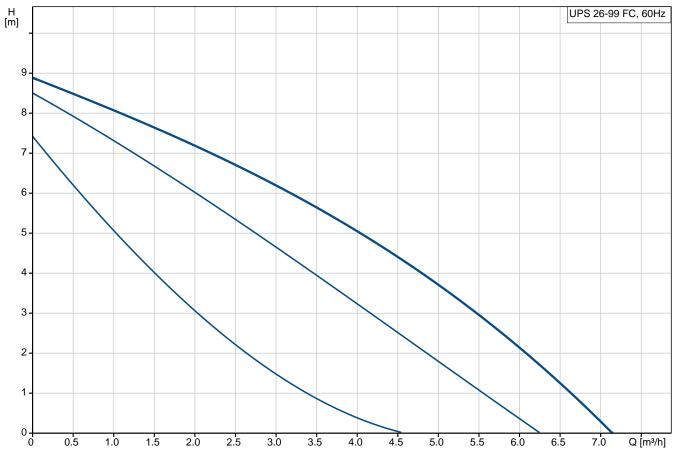


## UPS 26-99 FC

Circulator pumps

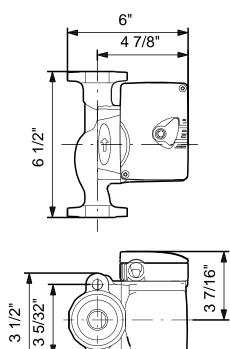
Note! Product picture may differ from actual product

Conditions of Service		Pump Data	Motor Data		
Flow:		Maximum operating pressure:	10 bar	Max. power input:	197 W 0.12 kW
Head: Efficiency:		Liquid temperature range: Maximum ambient temperature:	2 110 °C 40 °C	Rated power - P2: Rated voltage:	0.12 KVV 115 V
Liquid:	Water	Approvals:	UL, CSA	Mains frequency:	60 Hz
Temperature:	60 °C	Type of connection:	C.I. Flange	Insulation class:	F
NPSH required:	m	Flange standard:	USA Oval	Motor protection:	CONTACT
Viscosity:		Pipe connection:	2 - Bolt Flange	Thermal protection:	Internal
Specific Gravity:	0.985	Product number:	On request		





# Submittal Data



#### Materials:

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



Date:

28/11/2017

### **Tender Text**



Note! Product picture may differ from actual product

Product No.: On request **UPS 26-99 FC** 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 has 3-step speed selector. 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: Liquid temperature range: Liquid temperature during opera Density:	Water 2 110 °C tion: 60 °C 983.2 kg/m <sup>3</sup>
<b>Technical:</b> Approvals on nameplate:	UL. CSA
Approvais on namepiate.	0L, C3A
Materials:	
Pump housing:	Cast iron
	EN-JL1030
Impeller:	ASTM 30 B Composite, PES
impener.	Composite, T LO
Installation:	
Maximum ambient temperature:	40 °C
Amb. max at 80 dgr C liquid:	80 °C
Maximum operating pressure: Flange standard:	10 bar USA Oval
Type of connection:	C.I. Flange
Pipe connection:	2 - Bolt Flange
Pressure rating:	10
Port-to-port length:	165 mm
Electrical data:	
Power input in speed 1:	150 W
Power input in speed 2:	179 W
Max. power input:	197 W



Date:

28/11/2017

Rated power - P2:	0.12 kW
Mains frequency:	60 Hz
Rated voltage:	1 x 115 V
Current in speed 1:	1.3 A
Current in speed 2:	1.5 A
Current in speed 3:	1.8 A
Capacitor size - run:	20 µF/180 V
Number of poles:	2
Insulation class (IEC 85):	F

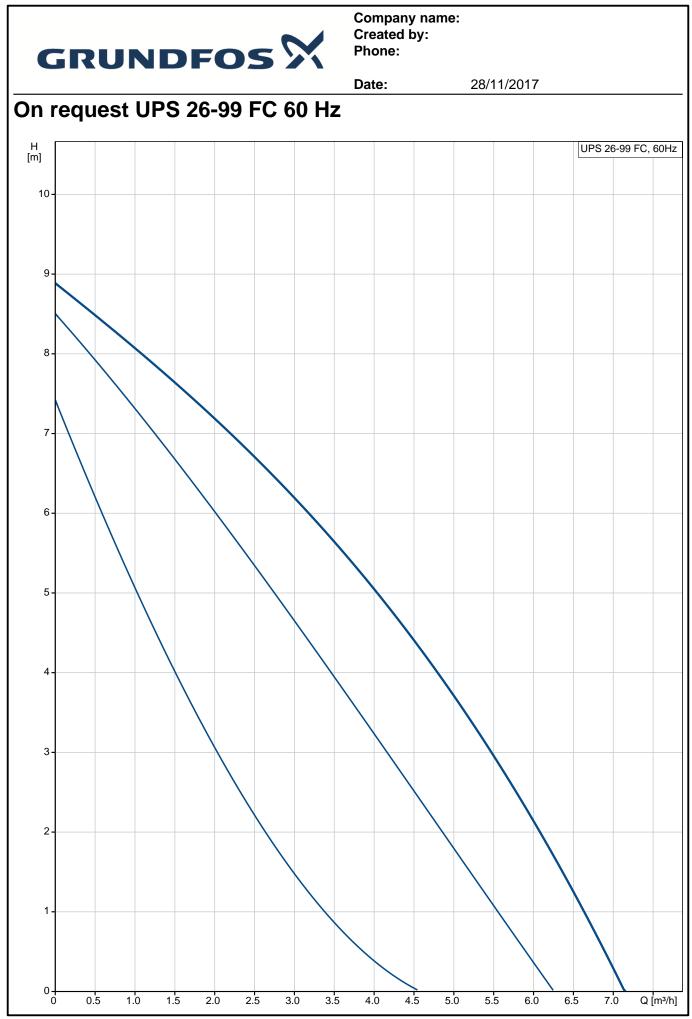
Others: Gross weight:

4.67 kg

G	RI	UNDFOS		Company Created by Phone:			
				Date:		28/11/2017	
Position	Qty.	Description					
	1	UPS 26-99 FC					
			Note! Pro	oduct picture ma	y differ fro	om actual product	
		Product No.: On request The pump is of the canned rotor and motor form an integral unit w seal and with only two gaskets for The bearings are lubricatd by the The pump has 3-step speed selfs The pump is characterized by: * Ceramic shaft and radial I * Carbon axial bearing. * Stainless steel rotor can a * Corrosion-resistant impell * Cast iron pump housing. The motor is a 1-phase motor. No additional motor protection is Liquid: Pumped liquid:	type, i.e. p vithout shat or sealing. e pumped li ector. bearings. and bearing ler, Compo	ump ft iquid. g plate. site, PES.			
		Liquid temperature range:	2 110 °C				
		Liquid temperature during operation Density:	tion: 60 °C 983.2 kg/r				
		Technical:					
		Approvals on nameplate:	UL, CSA				
		Materials:					
		Pump housing:	Cast iron EN-JL103	0			
			ASTM 30				
		Impeller:	Composite	e, PES			
		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 C.I. Flang 2 - Bolt Fla 10 165 mm	e			
		Electrical data: Power input in speed 1: Power input in speed 2: Max. power input: Rated power - P2: Mains frequency:	150 W 179 W 197 W 0.12 kW 60 Hz				



		UNDFUS		00/14/0017	
			Date:	28/11/2017	
Position	Qty.	Description			
		Rated voltage:	1 x 115 V		
		Current in speed 1:	1.3 A		
		Current in speed 2: Current in speed 3:	1.5 A 1.8 A		
		Capacitor size - run:	20 µF/180 V		
		Number of poles:	20 µ17100 V		
		Insulation class (IEC 85):	F		
		Others:	4.07		
		Gross weight:	4.67 kg		
	I	1			



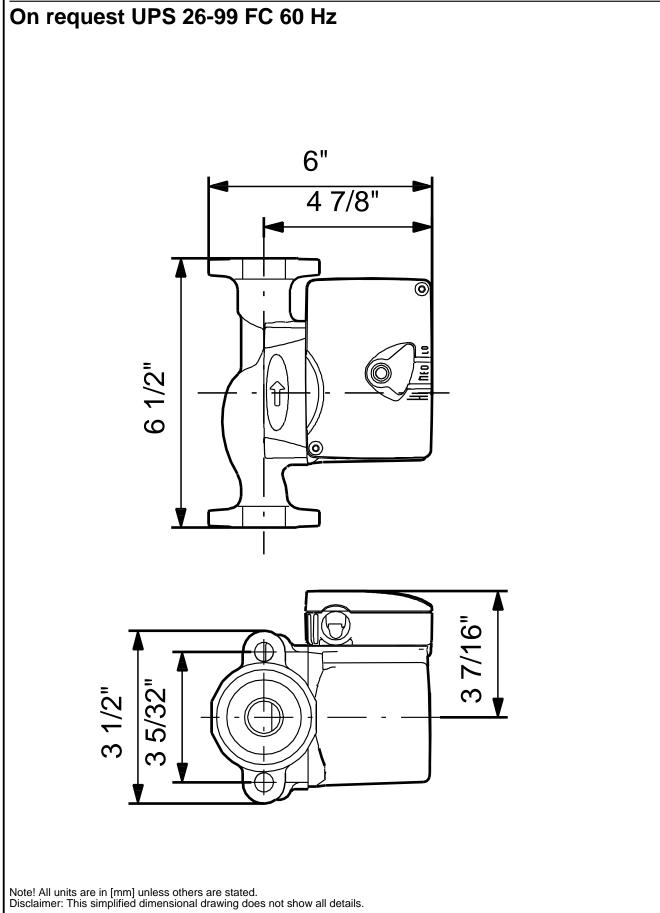


Description Value (m) General information: Product name: UPS 26-99 FC Product No: On request EAN number: On request Technical: Speed no: 3 Max flow: 7.5 m³/h Head max: 8.8 m Approvals on nameplate: UL, CSA Valve: Y Materials: Pump housing: Cast iron EN-JL 1030 ASTM 30 B Impeller: Composite, PES Installation: Maximum ambient temperature: 40 °C Amb. max at 80 dgr C liquid: 80 °C Maximum operating pressure: 10 bar Flange standard: USA Oval Type of connection: C.1. Flange Pipe connection: 2 - Bolt Flange Pipe connection: 2 - Bolt Flange Pipe connection: C.1. Flange Pipe connecti			Date:	28/11/2017	
General Information:UPS 26-99 FCProduct No:On requestEAN number:On requestTechnical:Speed no:3Ast Now:7.5 m³/hHead max:Approvals on nameplate:UL, CSAValve:Waterials:Pump housing:Cast ionEN-UL1030Impeller:Composite, PESInstallation:Maximum appriating pressure:10 barFlange standard:USA OvalType of connection:C. I. FlangePresure rating:10Port-to-port length:Liquid temperature during operation:60 °CDensity:Besize:Power input in speed 1:13 ACurrent in speed 2:15 ACurrent in speed 3:16 BPost lembox:9H	Description	Value	H [m]		UPS 26-99 FC, 60H
Product No: On request EAN number: On request Tochnical: Speed no: 3 Max flow: 7.5 m³/h Head max: 8.8 m Approvals on nameplate: UL, CSA Valve: Y Materials: Pump housing: Cast iron EIN-L1030 ASTM 30 B Impeller: Composite, PES Installation: Maximum ambient temperature: 40 °C ASTM 30 B Impeller: Composite, PES Installation: Maximum ambient temperature: 40 °C ASTM 30 B Impeller: Composite, PES Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 10 bar Finage standard: USA Oval Type of connection: 2.1 Flange Ppe connection: 2.1 Flange Pressure rating: 10 Four-to-port length: 155 W Power input in speed 1: 150 W Current in speed 1: 1.5 A Current in speed 3. 1.8 A Capacitor size - run: 20 µF/180 V Number of poles: 2 Insulatio class (IEC 86): F Motor prote: Controls: Pos term box: 9H			10 -		
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Speed no: 3 Max flow: 7.5 m <sup>3</sup> /h Head max: 8.8 m Approvals on nameplate: UL, CSA Valve: Y Materials: Pump housing: Cast iron EN-JL1030 ASTM 30 B Impeller: Composite, PES Installation: Maximum ambient temperature: 40 °C Anoth. max at 80 dg7 C liquid: 80 °C Maximum operating pressure: 10 bar Flange standard: USA Oval Type of connection: C.I. Flange Pie connection: 2 - Bolt Flange Pie connection: 983.2 kg/m <sup>3</sup> Electrical data: Power input in speed 1: 150 W Power input in speed 2: 179 W Max power input: 197 W Rated voltage: 1 x 115 V Current in speed 2: 15.5 A Current in speed 3: 18.A Capacitor size - run: 20 µF/180 V Number of poles: 2 Insulation class (IEC 65): F Pos term box: 9H		0111044000			
Speed no: 3   Max flow: 7.5 m <sup>3</sup> /h   Head max: 8.8 m   Approvals on nameplate: UL, CSA   Valve: Y   Materials:   Pump housing: Cast iron   EN-JL1030   ASTM 30 B   Impeller: Composite, PES   Installation:   Max. max ind dgr C liquid:   Maximum ambient temperature:   40 °C   Anb.max at 80 dgr C liquid:   Maximum operating pressure:   10 bar   Flange standard:   Usid demperature range:   2. H0 °C   Pressure rating:   10   Port-to-port length:   165 mm   Liquid temperature range:   2. H0 °C   Density:   Pessure rating:   10   Power input in speed 1:   150 W   Power input:   150 W   Power input:   150 W   Power input:   150 W   Current in speed 1:   150 A   Current in speed 1:   150 A	Technical:				
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Materials: Pump housing:Cast iron EN-LI 1030 ASTM 30 BImpeller:Composite, PESInstallation: Maximum ambient temperature:40 °C Amb. max at 80 dyr C liquid: 80 °C Maximum operating pressure:Maximum operating pressure:10 bar Plape connection:Pipe connection:2 - Bolt Flange Prot-to-port length:Port-to-port length:165 mm C Density:Density:983.2 kg/m³Electrical data: Power input in speed 1:150 W Power input in speed 1:Power input in speed 1:150 W Power input in speed 1:Power input in speed 1:1.5 A Current in speed 3:Current in speed 3:1.5 A Current in speed 3:Current in speed 3:1.8 A Capacitor size - run:Current in speed 3:1.8 A Compare:Current in speed 3:1.8 A Compare:Controls: Pos term box:9H					
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EN-JL 1030         ASTM 30 B         Impeller:       Composite, PES         Installation:         Maximum ambient temperature:       40 °C         Arbm. max at 80 dgr C liquid:       80 °C         Maximum operating pressure:       10 bar         Flange standard:       USA Oval         Type of connection:       C.I. Flange         Pipe connection:       2. Bolt Flange         Pressure rating:       10         Port-to-port length:       165 mm         Liquid temperature range:       2. 110 °C         Liquid temperature range:       2. 110 °C         Liquid temperature during operation:       60 °C         Density:       983.2 kg/m <sup>3</sup> Electrical data:       Power input in speed 1:       150 W         Power input in speed 1:       150 W         Power input in speed 1:       153 A         Current in speed 1:       15.3 A         Current in speed 1:       15.4 A         Current in speed 3:       1.8 A         Capater of poles:       2         Insulation class (IEC 85):       F         Motor protes:       2         Insulation class (IEC 85):       F         Motor protes:       2	Materials:		6 -		
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Pressure rating:       10         Port-to-port length:       165 mm         Liquid:       Water         Liquid temperature range:       2 110 °C         Liquid temperature during operation:       60 °C         Density:       983.2 kg/m³         Electrical data:       Power input in speed 1:         Power input in speed 1:       150 W         Power input in speed 1:       197 W         Rated power - P2:       0.12 kW         Mains frequency:       60 Hz         Rated voltage:       1 x 115 V         Current in speed 1:       1.3 A         Current in speed 3:       1.8 A         Capacitor size - run:       20 µF/180 V         Number of poles:       2         Insulation class (IEC 85):       F         Motor protec:       CONTACT         Thermal protec:       Internal         Controls:       9H			2-	\\\	
Port-to-port length: 165 mm Liquid: Pumped liquid: Water Liquid temperature range: 2110 °C Liquid temperature auring operation: 60 °C Density: 983.2 kg/m <sup>3</sup> Electrical data: Power input in speed 1: 150 W Power input in speed 2: 179 W Max. power input: 197 W Rated power - P2: 0.12 kW Mains frequency: 60 Hz Rated voltage: 1 x 115 V Current in speed 1: 1.5 A Current in speed 2: 1.5 A Current in speed 2: 1.5 A Current in speed 3: 1.8 A Capacitor size - run: 20 $\mu$ F/180 V Number of poles: 2 Insulation class (IEC 85): F Motor protec: CONTACT Thermal protec: Internal Controls: Pos term box: 9H	•				$\langle     \rangle$
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**Order Data:** 

Product name:UPS 26-99 FCAmount:1Product No:On request

Total: Price on request