

Submittal Data

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



UPS 15-42 F

Circulator pumps

Product photo could vary from the actual product

Conditions of Service		Pump Data	Motor Data		
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	Water 140 °F ft 0.985	Maximum operating pressure: Liquid temperature range: Maximum ambient temperature: Approvals: Type of connection: Flange standard: Pipe connection: Product number:	145 psi 35.6 230 °F 104 °F UL, CSA C.I. Flange USA Oval 2 - Bolt Flange 59896180	Max. power input: Rated power - P2: Rated voltage: Main frequency: Insulation class: Motor protection: Thermal protection:	92 W 0.04 HP 230 V 60 Hz F CONTACT internal





Submittal Data



Materials:

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



Date:

2/21/2018

Tender Text



Product photo could vary from the actual product

PES

Product No.: 59896180 UPS 15-42 F

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.
- * Cast iron pump housing.

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

1 Second de	
Liquid: Pumped liquid:	Water
Liquid temperature range:	35.6 230 °F
Liquid temperature during opera	tion: 140 °F
Density:	61.35 lb/ft ³
Technical:	
Approvals on nameplate:	UL, CSA
Approvais on namepiate.	02,007
Materials:	
Pump housing:	Cast iron
	EN-JL1030
Impeller	ASTM 30 B
Impeller:	Composite, PE
Installation:	
Maximum ambient temperature:	104 °F
Ambient max at 176°F liquid:	176 °F
Maximum operating pressure:	145 psi
Flange standard: Type of connection:	USA Oval
Pipe connection:	C.I. Flange 2 - Bolt Flange
Pressure stage:	10
Port-to-port length:	6 1/2 in
Electrical data:	
Power input in speed 1:	30 W
Power input in speed 2: Max. power input:	40 W 92 W
Rated power - P2:	92 W 0.04 HP



7.25 lb

Company name: Created by: Phone:

Date:

2/21/2018

Main frequency:	60 Hz
Rated voltage:	1 x 230 V
Current in speed 1:	0.14 A
Current in speed 2:	0.19 A
Current in speed 3:	0.41 A
Capacitor size - run:	2 µF/400 V
Number of poles:	2
Insulation class (IEC 85):	F
Others:	

Gross weight:

G	RU		Company n Created by: Phone:		
			Date:	2/21/2018	
Position	Count	Description			
	1	UPS 15-42 F UPS 15-42 F Following the second	type, i.e. pump vithout shaft or sealing.	y from the actual product	
		 Ceramic shaft and radial l 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	and bearing plate. ler, Composite, PES.		
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation Density:			
		Technical: Approvals on nameplate:	UL, CSA		
		Materials: Pump housing:	Cast iron EN-JL1030 ASTM 30 B		
		Impeller:	Composite, PES		
		Installation: Maximum ambient temperature: Ambient max at 176°F liquid: Maximum operating pressure: Flange standard: Type of connection: Pipe connection: Pressure stage: Port-to-port length:	104 °F 176 °F 145 psi USA Oval C.I. Flange 2 - Bolt Flange 10 6 1/2 in		
		Electrical data: Power input in speed 1: Power input in speed 2: Max. power input: Rated power - P2: Main frequency: Rated voltage:	30 W 40 W 92 W 0.04 HP 60 Hz 1 x 230 V		

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		INDFOS	Date:	 2/21/2018	
Position	Count	Description		 	
		Current in speed 1: Current in speed 2: Current in speed 3: Capacitor size - run: Number of poles: Insulation class (IEC 85):	0.14 A 0.19 A 0.41 A 2 μF/400 V 2 F		
		Others: Gross weight:	7.25 lb		





Description	Value	[ft] -				UPS 15-42 F, 60H
General information:						
Product name:	UPS 15-42 F	17-				
Product No.:	59896180	16 -				
EAN:	5700391413896					
	0.00000000	15				
Technical:						
Speed Number:	3	14-				
Max flow:	17.6 US gpm	13 -				
Head max:	15.42 ft	13				
Approvals on nameplate:	UL, CSA	12				
Materials:		11				
Pump housing:	Cast iron	10-				
	EN-JL1030	10	\backslash			
	ASTM 30 B	9 -	\rightarrow	\		
Impeller:	Composite, PES					
		8-				
Installation:		7	$ \rangle $			
Maximum ambient temperature:	104 °F	· 1				
Ambient max at 176°F liquid:	176 °F	6-				
Maximum operating pressure:	145 psi					
Flange standard:	USA Oval	5-				
Type of connection:	C.I. Flange			\setminus		
Pipe connection:	2 - Bolt Flange	4 -		\rightarrow		
Pressure stage:	10	3-	\mathbf{X}			
Port-to-port length:	6 1/2 in	3-				
		1 2-		$ \rightarrow $		
Liquid:						
Pumped liquid:	Water	1 -				
Liquid temperature range:	35.6 230 °F	o		$\langle \rangle$		
Liquid temperature during operation:	140 °F	0 2	4 6	8 10	12 14	Q [US gpm
Density:	61.35 lb/ft ³					
Electrical data:						
Power input in speed 1:	30 W					
Power input in speed 2:	40 W			5 1/4"		
Max. power input:			◀		►	
Rated power - P2:	92 W 0.04 HP			4"		
					1	
Main frequency:	60 Hz					
Rated voltage:	1 x 230 V				0	
Current in speed 1:	0.14 A			- <u>-</u>		
Current in speed 2:	0.19 A			Th R		
Current in speed 3:	0.41 A		e 1/2	$H \to \mathbb{S}$	/=	
Capacitor size - run:	2 µF/400 V		<u>5 </u>	") V/ 🔍	<u> </u>	
Number of poles:	2		\sim \vdash	× lo	J	
Insulation class (IEC 85):	F				_	
Motor protection:	CONTACT					
Thermal protec:	internal					
Controls:			I			
Pos term box:	9H					
		Ā			3 1/4"	
Others:	7 25 lb	<u>,</u>			31	
Gross weight:	7.25 lb	4 3/16"	2/35	₽-)))	<u> </u>	<u> </u>
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2/21/2018

Order	Data:
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Product name:UPS 15-42 FAmount:1Product No.:59896180

Total: Price on request