

Submittal Data

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

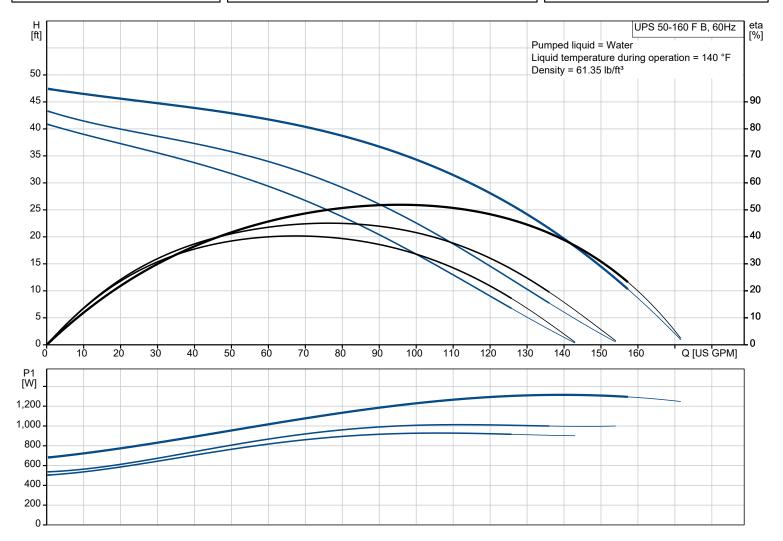


UPS 50-160 F B

UPS B is a three-speed circulator pump with a corrosion-resistant bronze pump housing designed for hot-water recirculation. The pump provides reliable and maintenance-free operation.

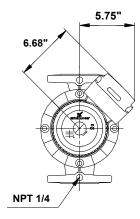
Note! Product picture may differ from actual product

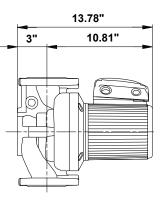
Conditions of Service		Pump Data		Motor Data	
Liquid: Temperature: Specific Gravity:	Water 140 °F 0.985	Maximum operating pressure: Liquid temperature range: Maximum ambient temperature: Approvals: Type of connection: Flange standard: Pipe connection: Product number:	145.04 psi 14 248 °F 104 °F CUL F USA GF 50 96402866	Max. power input: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Thermal protection:	1300 W 208-230 V 60 Hz X4D H CONTACT external

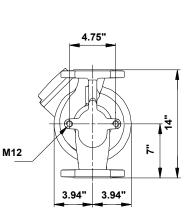


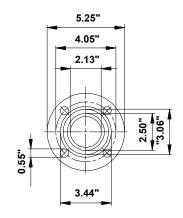


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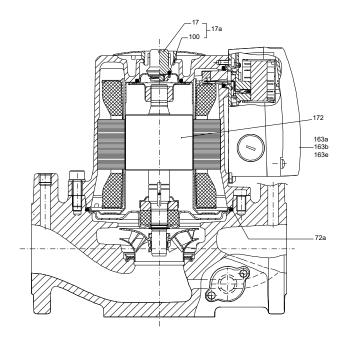






Materials:

Pump housing: Pump housing: Impeller: Impeller: Impeller: Bronze DIN W.-Nr. 2.1176.01 Stainless steel DIN W.-Nr. 1.4301 AISI 304





_			Date:	05/12/2022
	Description			
1	UPS 50-160 F B			
	Product No.: 96402866			
	The pump is of the canned rotor	type, i.e. pump		
	and motor form an integral unit v	vithout shaft		
	seal and with only two gaskets for			
	The bearings are lubricatd by the	e pumped liquid.		
	In order to avoid problems in cor			
	disposal, great importance has b			
	using as few different materials a	as possible.		
	The pump is characterized by: * 3 speed motor.			
	 * Ceramic radial bearings. 			
	* Carbon axial bearing.			
	* Stainless steel rotor can,	bearing plate		
	and rotor cladding.			
	* Aluminium alloy stator ho	using.		
	* Bronze pump housing.	-		
	* Stator with built-in therma	al switch.		
	The motor is a 3-phase motor.			
	The pump is supplied with a star	ndard		
	module in the terminal box.			
	The standard module is to be co	nnected to the		
	mains supply via external contac	ctor.		
	Controls:			
	Relay:	without relay		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	14 248 °F		
	Selected liquid temperature:	140 °F		
	Density:	61.35 lb/ft ³		
	Technical:	0 1 11		
	Approvals:	CUL		
	Materials:			
	Pump housing:	Bronze		
	r amp nodoling.	DIN WNr. 2.1176.01		
	Impeller:	Stainless steel		
		DIN WNr. 1.4301		
		AISI 304		
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	Installation: Range of ambient temperature:	32 104 °F		
	Maximum operating pressure:	145.04 psi		
	Flange standard:	USA		
	Type of connection:	F		
	Pipe connection:	GF 50		
	Pressure rating:	145 psi		
	Port-to-port length:	14 in		
	Electrical data:			
	Power input in speed 1:	1.274 HP		
	Power input in speed 2:	1000 W		
	Max. power input:	1300 W		
	Mains frequency:	60 Hz		
	Rated voltage:	3 x 208-230 V		
	Current in speed 1: Current in speed 2:	2.75 A		
	Current in speed 2: Current in speed 3:	3 A		
	Current in speed 5.	4 A		



			Date:	05/12/2022	
Qty.	Description				
1	Cos phi in speed 1:	0.87			
	Cos phi in speed 2:	0.84			
	Cos phi:	0.82			
	Enclosure class (IEC 34-5):	X4D			
	Insulation class (IEC 85):	Н			
	Winding resistance:	12.4 - 16.2 ohm			
	Others:				
	Net weight:	65.9 lb			
	Gross weight:	69.2 lb			
	Shipping volume:	3.46 ft ³			



Company name: Hurley Engineering Created by: Phone:

05/12/2022

Date:

96402866 UPS 50-160 F B 60 Hz

