

Submittal Data

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

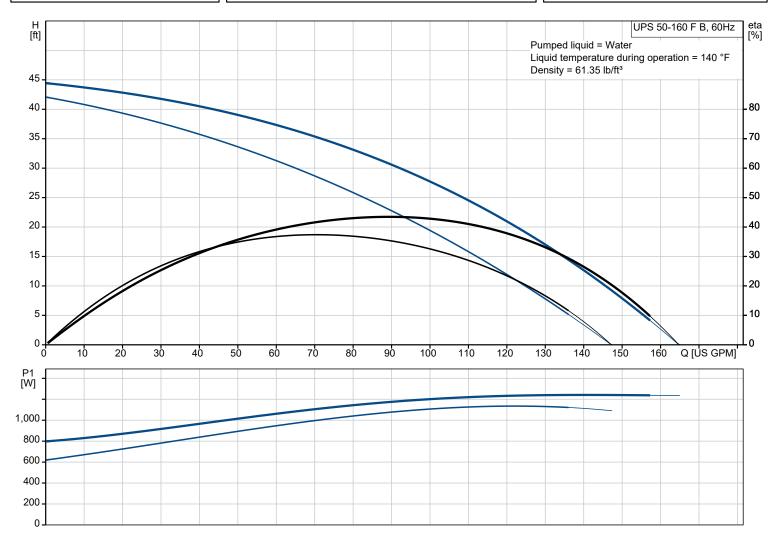


UPS 50-160 F B

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.

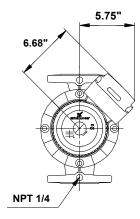
Note! Product picture may differ from actual product

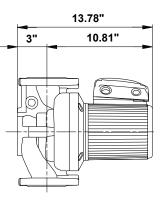
Conditions of Service		Pump Data		Motor Data	
Liquid: Temperature: Specific Gravity:	Water 140 °F 0.985	Maximum operating pressure: Liquid temperature range: Maximum ambient temperature: Approvals: Type of connection: Flange standard: Pipe connection: Product number:	145.04 psi 14 248 °F 104 °F CUL F USA GF 50 96402868	Max. power input: Rated voltage: Mains frequency: Enclosure class: Insulation class: Motor protection: Thermal protection:	1300 W 460 V 60 Hz X4D H CONTACT external

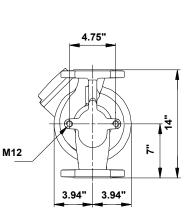


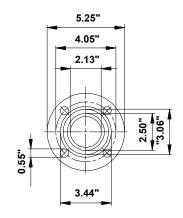


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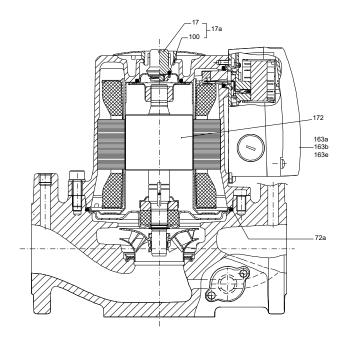






Materials:

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
Desc	ription			
UPS 50-160 F B				
Product No.: 96402868				
	ump is of the canned rotor			
	notor form an integral unit w			
	ind with only two gaskets for			
Ineb	earings are lubricatd by the	e pumpea liquia.		
In ord	er to avoid problems in cor	nection with		
	sal, great importance has b			
	as few different materials a	as possible.		
	ump is characterized by:			
*	2 speed motor.			
*	Ceramic radial bearings. Carbon axial bearing.			
*	Stainless steel rotor can,	hearing plate		
and	rotor cladding.	bouring plato		
*	Aluminium alloy stator ho	using.		
*	Bronze pump housing.			
*	Stator with built-in therma	l switch.		
The m	notor is a 3-phase motor.			
	ump is supplied with a star	dard		
1	le in the terminal box.	an a stard to the		
1	tandard module is to be con s supply via external contac			
mains	supply via external contac			
Contro	ols:			
Relay	:	without relay		
Liquid	:			
	ed liquid:	Water		
Liquid	I temperature range:	14 248 °F		
	ted liquid temperature:	140 °F		
Densi	ty:	61.35 lb/ft ³		
Techr	nical:			
Appro	vals:	CUL		
Mater	iole:			
	housing:	Bronze		
	nouoling.	DIN WNr. 2.1176.01		
Impell	ler:	Stainless steel		
		DIN WNr. 1.4301		
		AISI 304		
Install	ation:			
1	e of ambient temperature:	32 104 °F		
Maxin	num operating pressure:	145.04 psi		
	e standard:	USA		
	of connection:	F		
	connection:	GF 50		
	ure rating: o-port length:	145 psi 14 in		
		14 111		
1	ical data:			
	r input in speed 2:	1000 W		
	power input:	1300 W		
	frequency:	60 Hz		
	l voltage:	3 x 460 V		
	nt in speed 2: nt in speed 3:	1.5 A 2 A		
	hi in speed 2:	2 A 0.84		
1 003 p	hi:	0.82		

Cos phi:

0.82

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			Date:	05/12/2022	
Qty.	Description				
1	Enclosure class (IEC 34-5): Insulation class (IEC 85): Winding resistance:	X4D H 24.2 - 31.5 ohm			
	Others: Net weight: Gross weight: Shipping volume:	65.9 lb 69.2 lb 3.46 ft³			

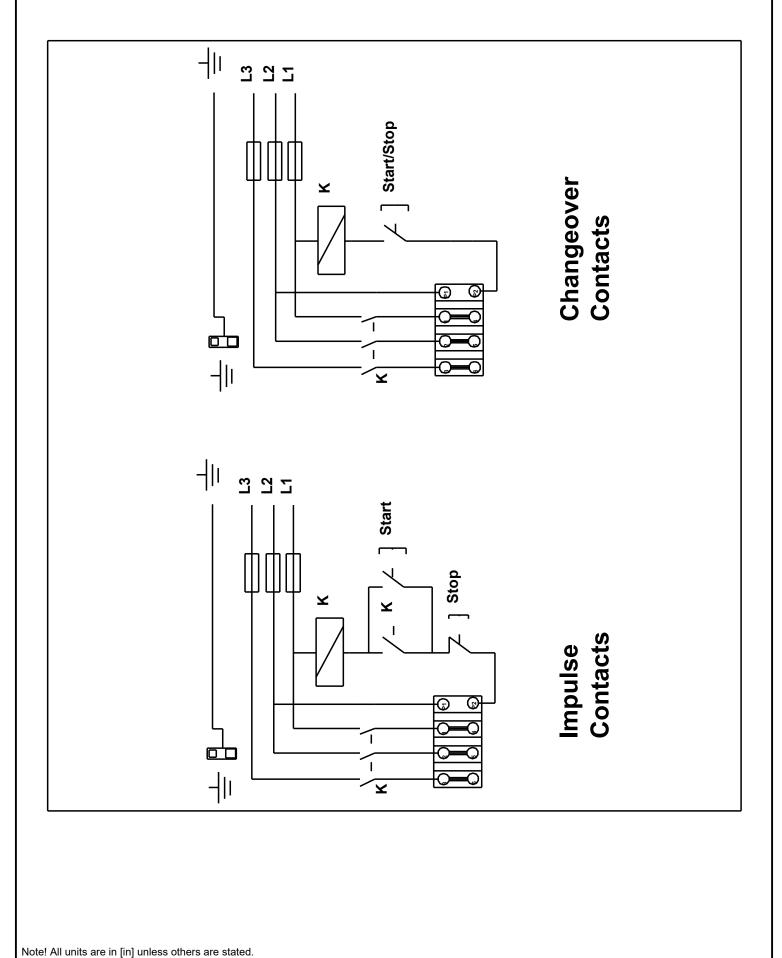


Company name: Hurley Engineering Created by: Phone:

05/12/2022

Date:

96402868 UPS 50-160 F B 60 Hz



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