

Submittal Data

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

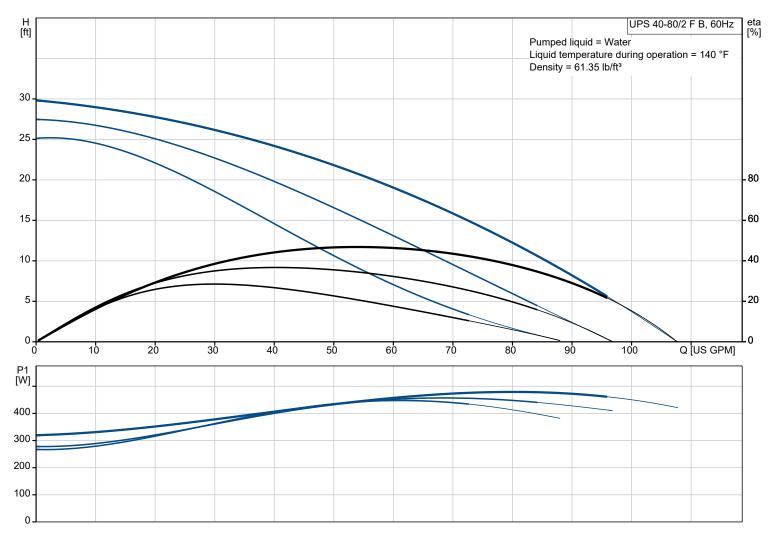


UPS 40-80/2 F B

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.

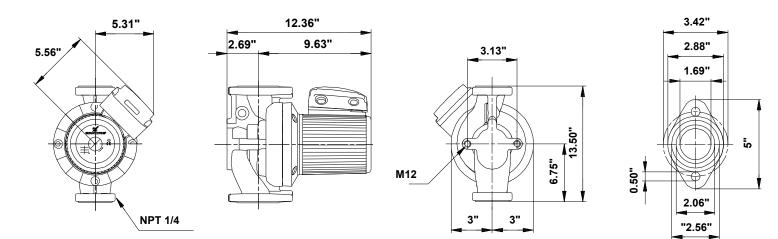
Note! Product picture may differ from actual product

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:	145.04 psi 14 248 °F 104 °F CUL F USA Oval GF 40/43	Max. power input: Rated voltage: Mains frequency: Number of poles: Enclosure class: Insulation class: Motor protection:	480 W 230 V 60 Hz 2 X4D F CONTACT internal
Temperature:	140 °F	Liquid temperature range: Maximum ambient temperature: Approvals: Type of connection: Flange standard:	14 248 °F 104 °F CUL F USA Oval	Rated voltage: Mains frequency: Number of poles: Enclosure class: Insulation class:	



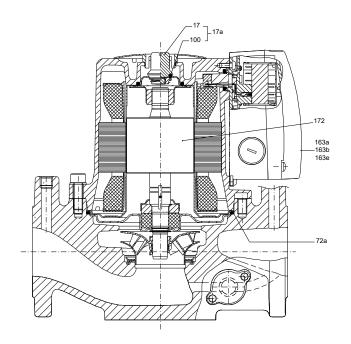


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Materials:

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





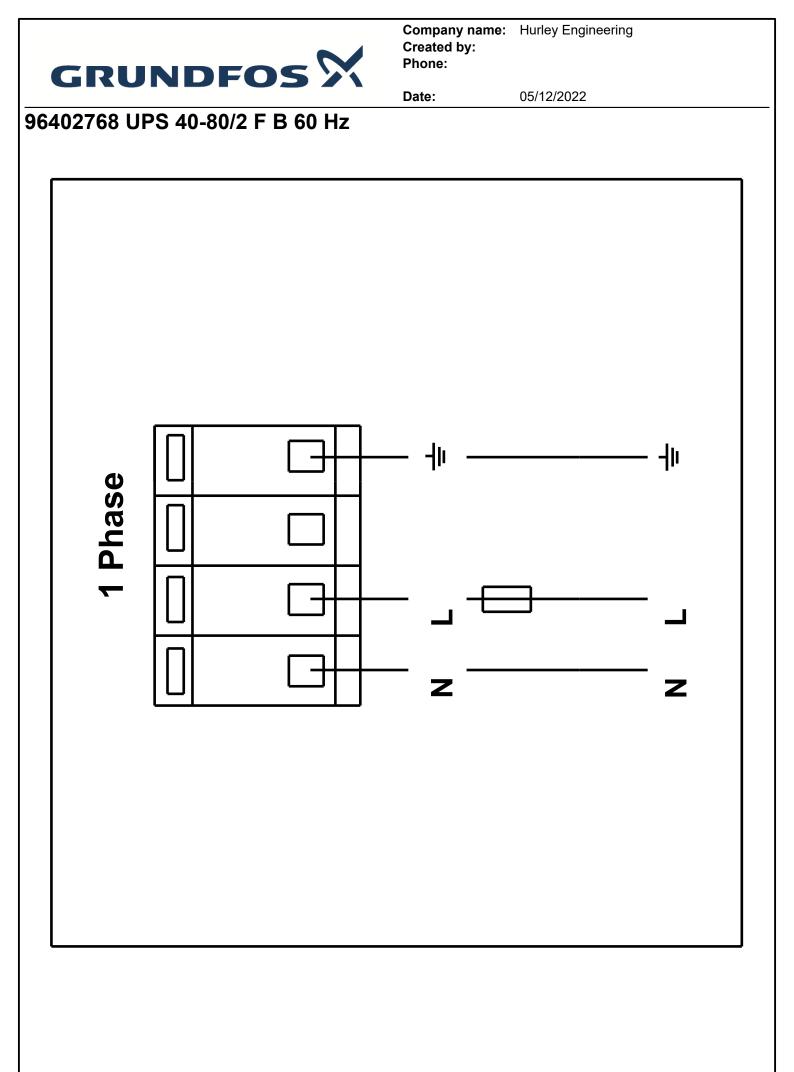
	GRUNDF		Date:	05/12/2022
Qty.	Description			
1	UPS 40-80/2 F B			
	Product No.: 96402768			
	The pump is of the canned rotor			
	and motor form an integral unit w			
	seal and with only two gaskets fo			
	The bearings are lubricatd by the	e pumpea líquia.		
	In order to avoid problems in con	nection with		
	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 			
	* Carbon axial bearing.* Stainless steel rotor can,	haaring plata		
	and rotor cladding.	bearing plate		
	* Aluminium alloy stator ho	usina		
	* Bronze pump housing.			
	* Stator with built-in therma	l switch.		
	The motor is a 1-phase motor.			
	The nume is supplied with a stop	dord		
	The pump is supplied with a stan module in the terminal box.	ldard		
	The standard module is to be co	nnected to the		
	mains supply via external contact			
	Controls:			
	Relay:	with relay		
	l invitale			
	Liquid: Pumped liquid:	Water		
	Liquid temperature range:	14 248 °F		
	Selected liquid temperature:	140 °F		
	Density:	61.35 lb/ft ³		
	-			
	Technical:			
	Approvals:	CUL		
	Materials:			
	Pump housing:	Bronze		
		DIN WNr. 2.1176.01		
	Impeller:	Stainless steel		
	•	DIN WNr. 1.4301		
		AISI 304		
	Installation:	20 404 °F		
	Range of ambient temperature: Maximum operating pressure:	32 104 °F 145.04 psi		
	Flange standard:	USA Oval		
	Type of connection:	F		
	Pipe connection:	GF 40/43		
	Pressure rating:	145 psi		
	Port-to-port length:	13 1/2 in		
	Electrical data:			
	Power input in speed 1:	0.59 HP		
	Power input in speed 2:	450 W 480 W		
	Max. power input: Mains frequency:	480 W 60 Hz		
	Rated voltage:	1 x 230 V		
	Current in speed 1:	2.18 A		
	Current in speed 2:	2.2 A		
	Commonst in an and 2.	0.04 A		

2.24 A

Current in speed 3:



		Date:	05/12/2022	
Description				
Cos phi in speed 1: Cos phi in speed 2: Cos phi: Capacitor size - run: Number of poles:	0.87 0.89 0.94 10 μF/400 V 2			
Insulation class (IEC 85):	X4D F			
-	113 lb			
Gross weight: Shipping volume:	50.3 lb 2.08 ft ³			
	Cos phi in speed 1: Cos phi in speed 2: Cos phi: Capacitor size - run: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Others: Net weight: Gross weight:	Cos phi in speed 1: 0.87 Cos phi in speed 2: 0.89 Cos phi: 0.94 Capacitor size - run: $10 \mu F/400 V$ Number of poles: 2 Enclosure class (IEC 34-5):X4DInsulation class (IEC 85):FOthers:VNet weight: 44.3 lb Gross weight: 50.3 lb	DescriptionCos phi in speed 1: 0.87 Cos phi in speed 2: 0.89 Cos phi: 0.94 Capacitor size - run: $10 \ \mu\text{F}/400 \ V$ Number of poles: 2 Enclosure class (IEC 34-5):X4DInsulation class (IEC 85):FOthers: 7 Net weight: $44.3 \ \text{lb}$ Gross weight: $50.3 \ \text{lb}$	Description Cos phi in speed 1: 0.87 Cos phi in speed 2: 0.89 Cos phi: 0.94 Capacitor size - run: 10 μF/400 V Number of poles: 2 Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): F Others: 44.3 lb Gross weight: 50.3 lb



Note! All units are in [in] unless others are stated.