

Submittal Data

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



Note! Product picture may differ from actual product

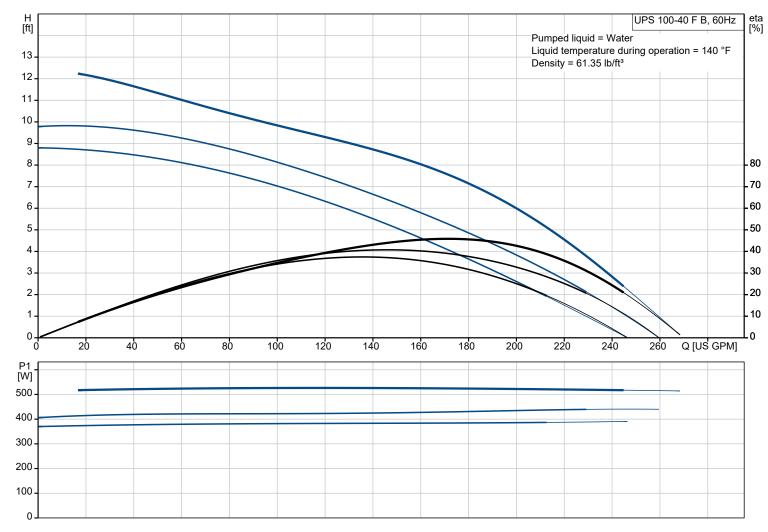
UPS 100-40 F B

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.

Conditions of Service		Pum	
Liquid:	Water	Maximum operating pres	
Temperature:	140 °F	Maximum operating pres Liquid temperature range	
Specific Gravity:	0.985	Maximum ambient temp	
		Approvals:	
		Type of connection:	
		Flange standard:	

	Pump Data	
Maximum operating pressure:		145.04 psi
	Liquid temperature range:	14 248 °F
	Maximum ambient temperature:	104 °F
	Approvals:	CUL
	Type of connection:	F
	Flange standard:	ANSI
	Pipe connection:	GF 100
	Product number:	96402937

Motor Data				
Max. power input:	570 W			
Rated voltage:	208-230 V			
Mains frequency:	60 Hz			
Enclosure class:	X4D			
Insulation class:	Н			
Motor protection:	CONTACT			
Thermal protection:	external			



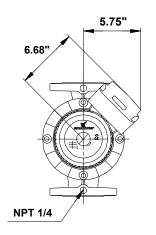


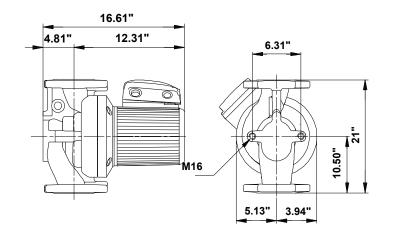
Submittal Data

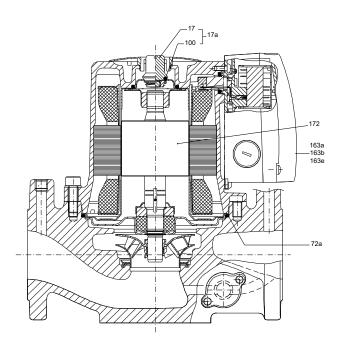
9.06"

7.50"

4.19"







Materials:

Pump housing: Bronze

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

Impeller: AISI 304



Company name: Hurley Engineering

Created by: Phone:

Date: 05/12/2022

Qty. | Description

1 UPS 100-40 F B

Product No.: 96402937

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.

In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials 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 housing.
- * Bronze pump housing.
- * Stator with built-in thermal switch.

The motor is a 3-phase motor.

The pump is supplied with a standard module in the terminal box.

The standard module is to be connected to the mains supply via external contactor.

Controls:

Relay: without relay

Liquid:

Pumped liquid: Water
Liquid temperature range: 14 .. 248 °F
Selected liquid temperature: 140 °F
Density: 61.35 lb/ft³

Technical:

Approvals: CUL

Materials:

Pump housing: Bronze

DIN W.-Nr. 2.1176.01

Impeller: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

2.5 A

Installation:

Range of ambient temperature: 32 .. 104 °F
Maximum operating pressure: 145.04 psi
Flange standard: ANSI
Type of connection: F
Pipe connection: GF 100
Pressure rating: 145 psi
Port-to-port length: 21 in

Electrical data:

Current in speed 3:

Power input in speed 1: 0.523 HP
Power input in speed 2: 435 W
Max. power input: 570 W
Mains frequency: 60 Hz
Rated voltage: 3 x 208-230 V
Current in speed 1: 1.24 A
Current in speed 2: 1.38 A



Company name: Hurley Engineering

Created by: Phone:

Date: 05/12/2022 Qty. | Description 1 Cos phi in speed 1: 0.43 Cos phi in speed 2: 0.41 Cos phi: 0.29 Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): Winding resistance: 27.5 - 36.0 ohm Others: 140 lb Net weight: 165 lb Gross weight: 2.51 ft³ Shipping volume:

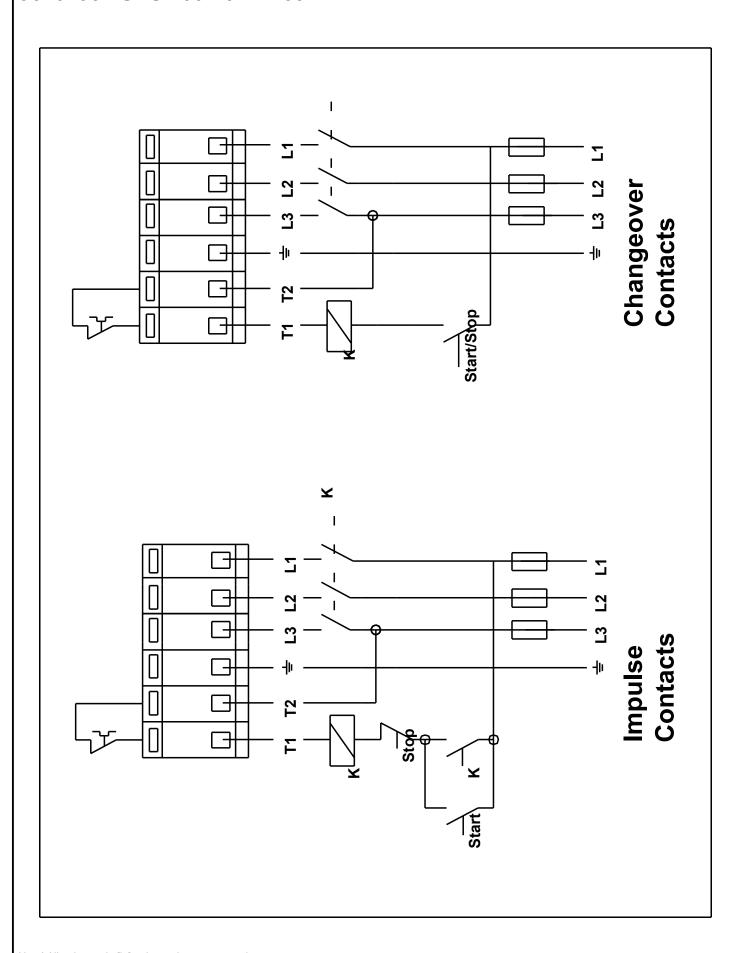


Company name: Hurley Engineering

Created by: Phone:

Date: 05/12/2022

96402937 UPS 100-40 F B 60 Hz



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