

PROJECT:	Criculators	UNIT TAG:		QUANTITY:	1
REPRESENTATIVE:	Hurley Engineering	TYPE OF SERVICE:	Recirculation	DATE:	
ENGINEER:	TBD	SUBMITTED BY:	Devin Carle	DATE:	
CONTRACTOR:	TBD	APPROVED BY:		DATE:	
		ORDER NO.:		DATE:	

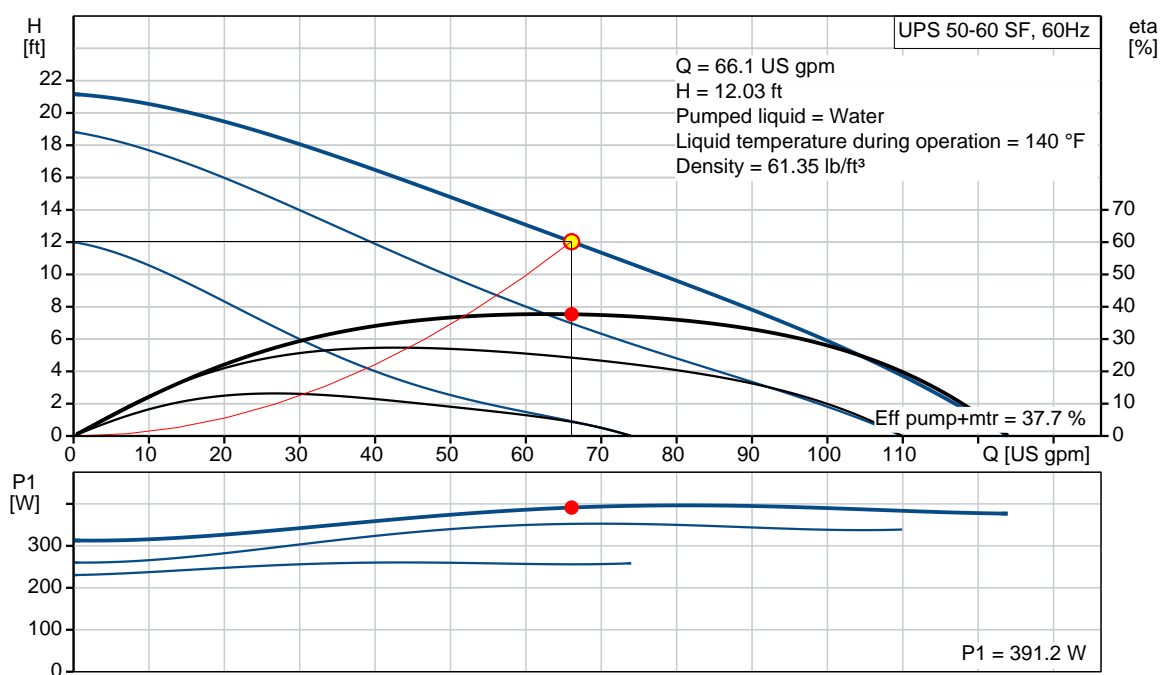
UPS 50-60 SF

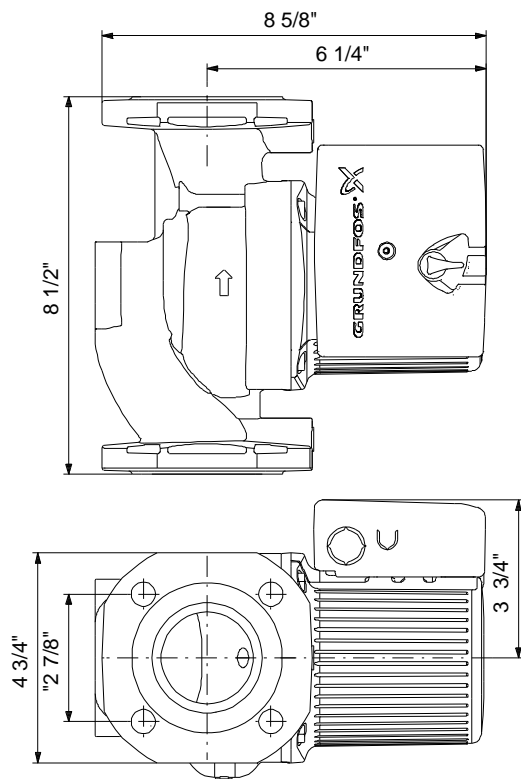
Circulator pumps



Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: 66.1 US gpm	Maximum operating pressure: 145.04 psi	Max. power input: 395 W
Head: 12.03 ft	Liquid temperature range: 32 .. 230 °F	Rated voltage: 230 V
Efficiency: 37.7 %	Maximum ambient temperature: 104 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: ETL, CSA	Insulation class: H
Temperature: 140 °F	Type of connection: S.S. Flange	Motor protection: CONTACT
NPSH required: ft	Flange standard: USA Oval	Thermal protection: internal
Viscosity:	Pipe connection: 4 - Bolt Flange	
Specific Gravity: 0.985	Product number: 97523137	






Materials:

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

Impeller: Composite, PES

Count	Description																																
1	<p>UPS 50-60 SF</p>  <p>Product photo could vary from the actual product</p> <p>Product No.: 97523137</p> <p>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:</p> <ul style="list-style-type: none"> * Ceramic shaft and radial bearings. * Carbon axial bearing. * Stainless steel rotor can and bearing plate. * Corrosion-resistant impeller, Composite, PES. * Stainless steel pump housing. <p>The motor is a 1-phase motor. No additional motor protection is required.</p> <p>Liquid:</p> <table> <tr> <td>Pumped liquid:</td><td>Water</td></tr> <tr> <td>Liquid temperature range:</td><td>32 .. 230 °F</td></tr> <tr> <td>Selected liquid temperature:</td><td>140 °F</td></tr> <tr> <td>Density:</td><td>61.35 lb/ft³</td></tr> </table> <p>Technical:</p> <table> <tr> <td>Actual calculated flow:</td><td>66.1 US gpm</td></tr> <tr> <td>Resulting head of the pump:</td><td>12.03 ft</td></tr> <tr> <td>Approvals on nameplate:</td><td>ETL, CSA</td></tr> </table> <p>Materials:</p> <table> <tr> <td>Pump housing:</td><td>Stainless steel DIN W.-Nr. 1.4301</td></tr> <tr> <td>Impeller:</td><td>Composite, PES</td></tr> </table> <p>Installation:</p> <table> <tr> <td>Maximum ambient temperature:</td><td>104 °F</td></tr> <tr> <td>Ambient max at 176°F liquid:</td><td>176 °F</td></tr> <tr> <td>Maximum operating pressure:</td><td>145.04 psi</td></tr> <tr> <td>Flange standard:</td><td>USA Oval</td></tr> <tr> <td>Type of connection:</td><td>S.S. Flange</td></tr> <tr> <td>Pipe connection:</td><td>4 - Bolt Flange</td></tr> <tr> <td>Pressure stage:</td><td>10</td></tr> </table>	Pumped liquid:	Water	Liquid temperature range:	32 .. 230 °F	Selected liquid temperature:	140 °F	Density:	61.35 lb/ft³	Actual calculated flow:	66.1 US gpm	Resulting head of the pump:	12.03 ft	Approvals on nameplate:	ETL, CSA	Pump housing:	Stainless steel DIN W.-Nr. 1.4301	Impeller:	Composite, PES	Maximum ambient temperature:	104 °F	Ambient max at 176°F liquid:	176 °F	Maximum operating pressure:	145.04 psi	Flange standard:	USA Oval	Type of connection:	S.S. Flange	Pipe connection:	4 - Bolt Flange	Pressure stage:	10
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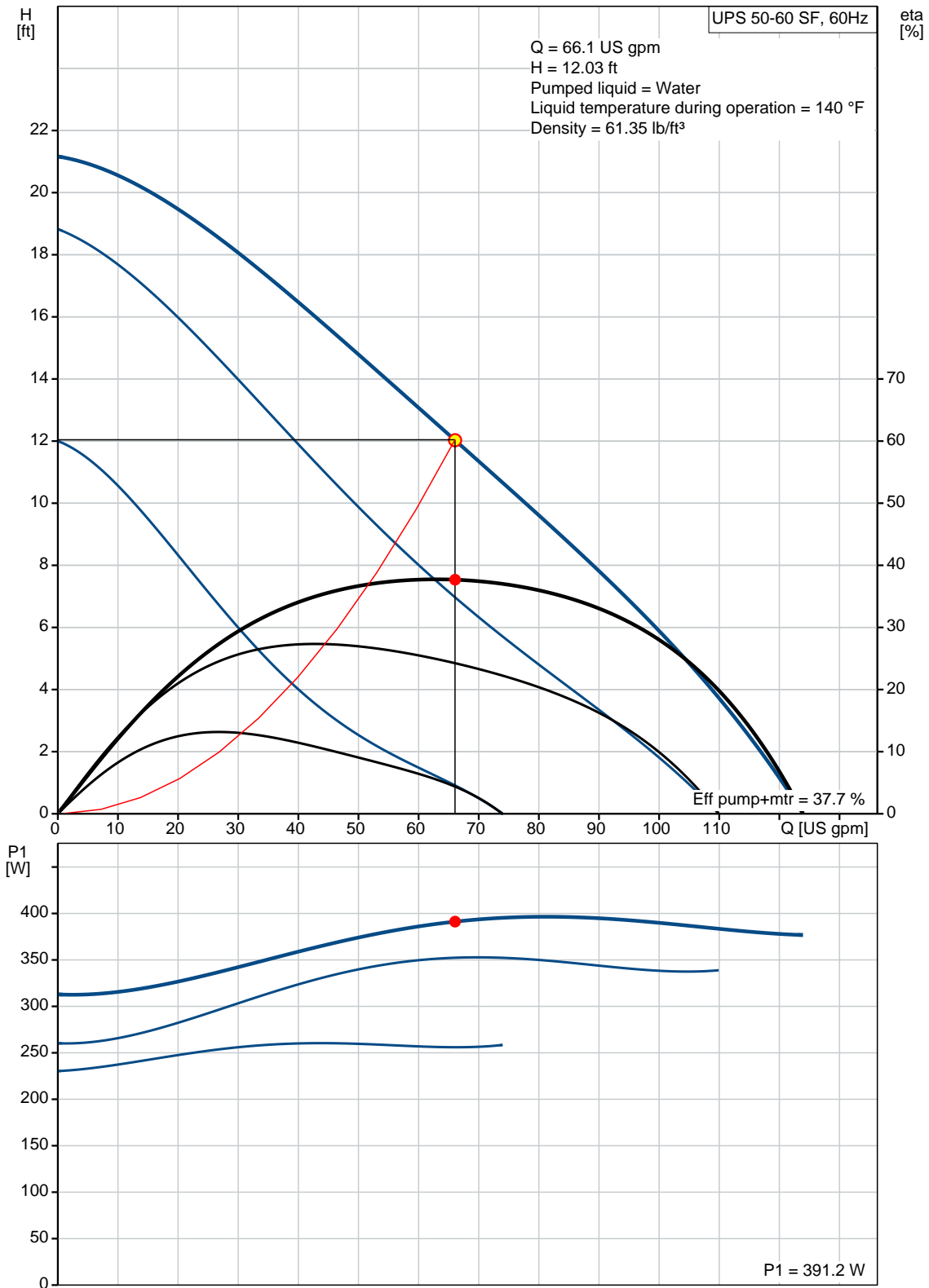


Company name: Hurley Engineering
Created by:
Phone:

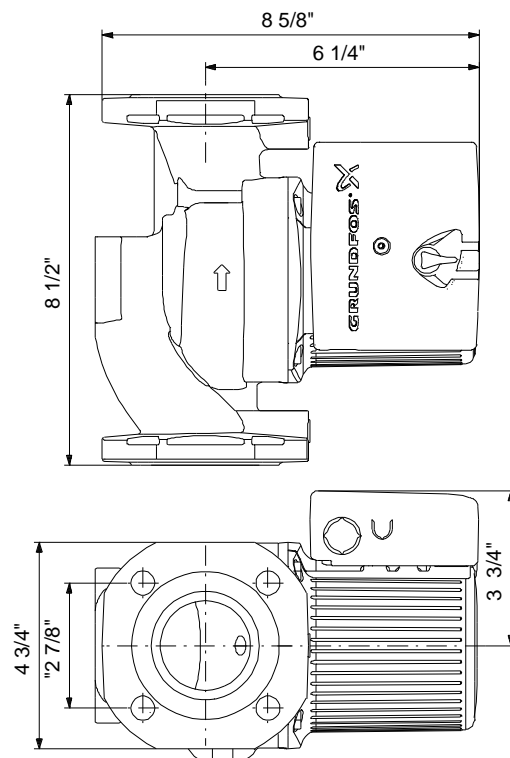
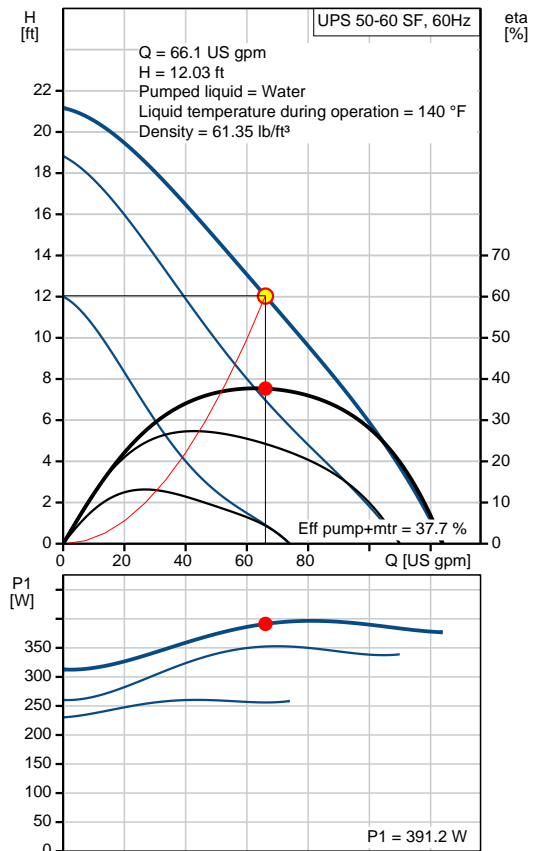
Date: 3/23/2020

Count	Description
	Port-to-port length: 8 1/2 in
	Electrical data:
	Power input in speed 1: 0.3487 HP
	Power input in speed 2: 350 W
	Max. power input: 395 W
	Main frequency: 60 Hz
	Rated voltage: 1 x 230 V
	Current in speed 1: 1.4 A
	Current in speed 2: 1.7 A
	Current in speed 3: 1.8 A
	Capacitor size - run: 10 µF/400 V
	Number of poles: 2
	Insulation class (IEC 85): H
	Others:
	Gross weight: 20.1 lb
	Country of origin: US
	Custom tariff no.: 8413.70.2005

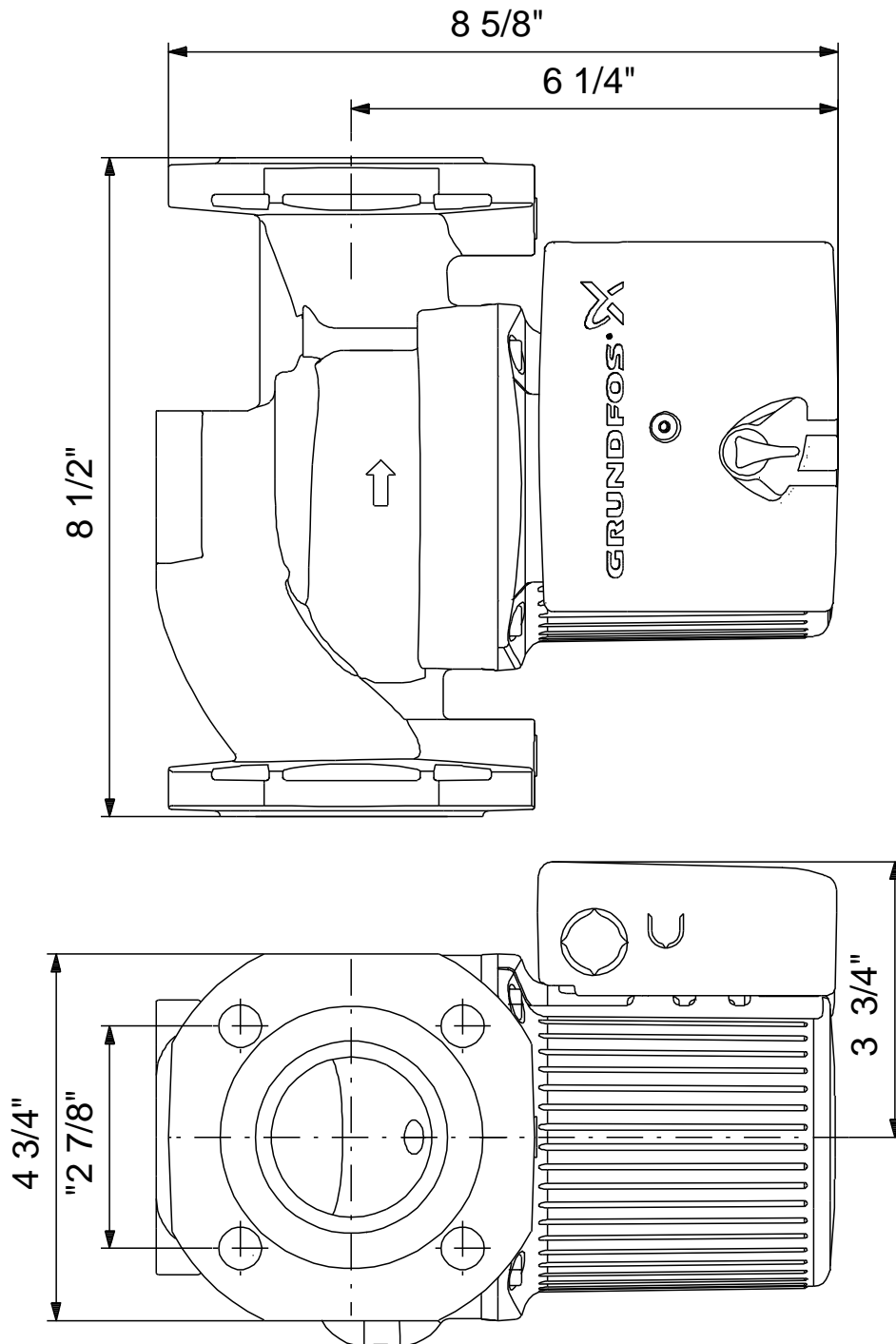
97523137 UPS 50-60 SF 60 Hz



Description	Value
General information:	
Product name:	UPS 50-60 SF
Product No.:	97523137
EAN:	5700317647527
	5700317647527
Technical:	
Speed Number:	3
Actual calculated flow:	66.1 US gpm
Max flow:	124 US gpm
Resulting head of the pump:	12.03 ft
Head max:	21.33 ft
Approvals on nameplate:	ETL, CSA
Materials:	
Pump housing:	Stainless steel
	DIN W.-Nr. 1.4301
Impeller:	Composite, PES
Installation:	
Maximum ambient temperature:	104 °F
Ambient max at 176°F liquid:	176 °F
Maximum operating pressure:	145.04 psi
Flange standard:	USA Oval
Type of connection:	S.S. Flange
Pipe connection:	4 - Bolt Flange
Pressure stage:	10
Port-to-port length:	8 1/2 in
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 230 °F
Selected liquid temperature:	140 °F
Density:	61.35 lb/ft³
Electrical data:	
Power input in speed 1:	0.3487 HP
Power input in speed 2:	350 W
Max. power input:	395 W
Main frequency:	60 Hz
Rated voltage:	1 x 230 V
Current in speed 1:	1.4 A
Current in speed 2:	1.7 A
Current in speed 3:	1.8 A
Capacitor size - run:	10 µF/400 V
Number of poles:	2
Insulation class (IEC 85):	H
Motor protection:	CONTACT
Thermal protec:	internal
Controls:	
Pos term box:	9H
Others:	
Gross weight:	20.1 lb
Country of origin:	US
Custom tariff no.:	8413.70.2005



97523137 UPS 50-60 SF 60 Hz



Note! All units are in [in] unless otherwise stated.
Disclaimer: This simplified dimensional drawing does not show all details.