

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:	_____

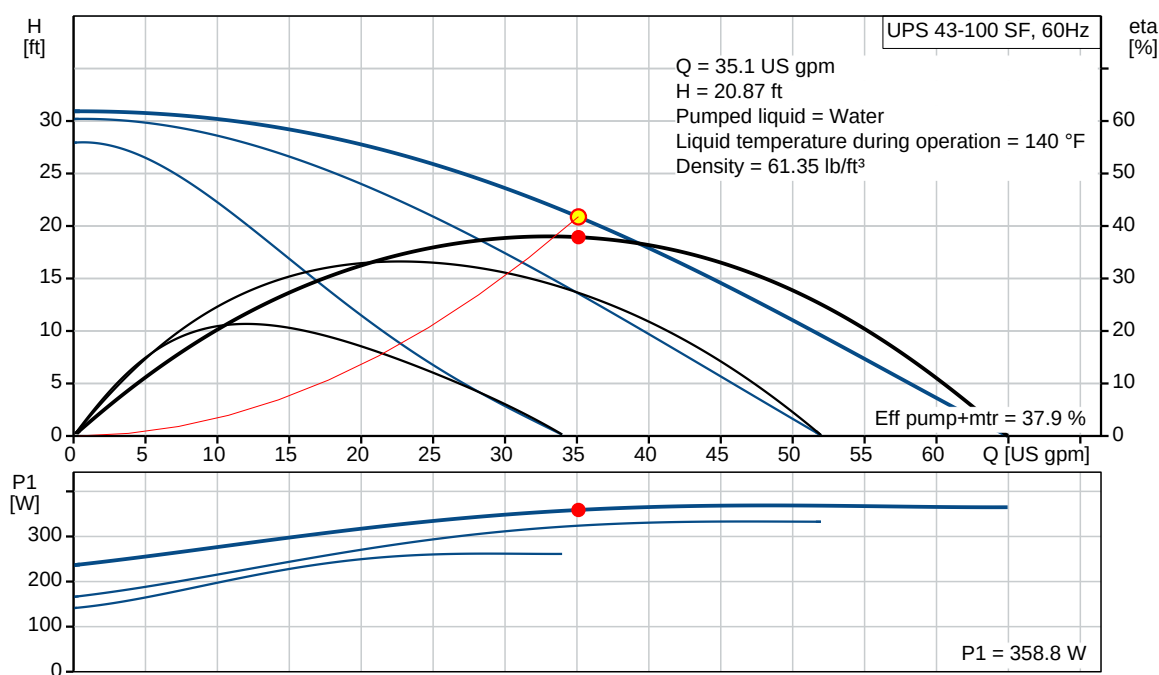


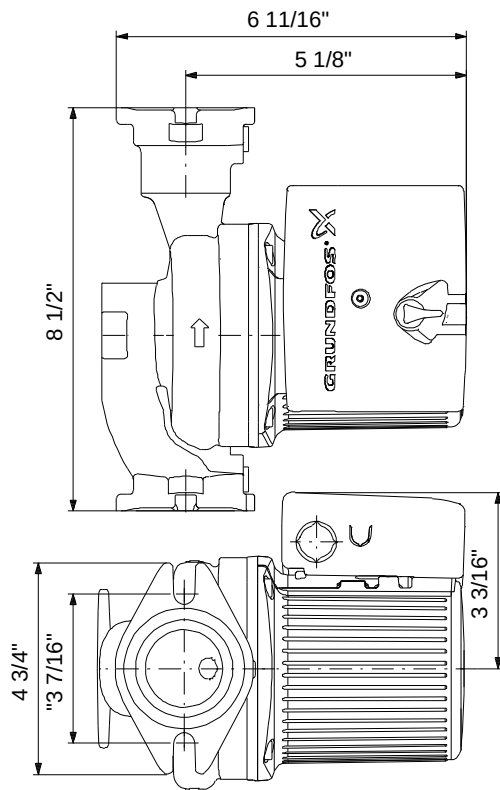
UPS 43-100 SF

Circulator pumps

Product photo could vary from the actual product

Conditions of Service		Pump Data		Motor Data	
Flow:	35.1 US gpm	Maximum operating pressure:	145.04 psi	Max. power input:	370 W
Head:	20.87 ft	Liquid temperature range:	32 .. 230 °F	Rated voltage:	115 V
Efficiency:	37.9 %	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:	2 - Bolt Flange		
Specific Gravity:	0.985	Product number:	95906638		





Materials:

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

Impeller: Composite, PES

Count	Description
1	UPS 43-100 SF  Product photo could vary from the actual product Product No.: 95906638 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: * Ceramic shaft and radial bearings. * Carbon axial bearing. * Stainless steel rotor can and bearing plate. * Corrosion-resistant impeller, Composite, PES. * Stainless steel pump housing. The motor is a 1-phase motor. No additional motor protection is required. Liquid: Pumped liquid: Water Liquid temperature range: 32 .. 230 °F Selected liquid temperature: 140 °F Density: 61.35 lb/ft³ Technical: Actual calculated flow: 35.1 US gpm Resulting head of the pump: 20.87 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: 2 - Bolt Flange Pressure stage: 10



Company name: Hurley Engineering

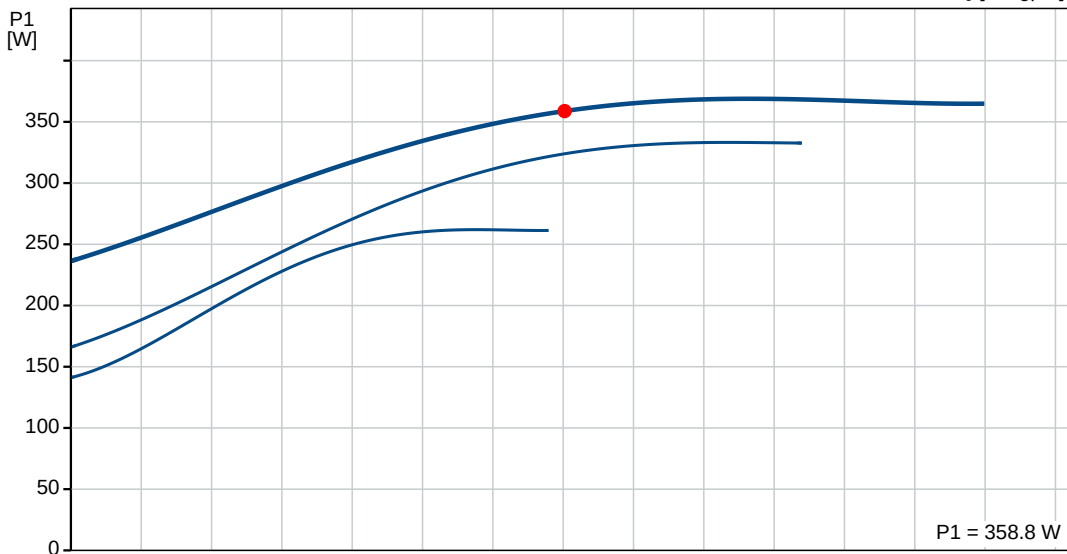
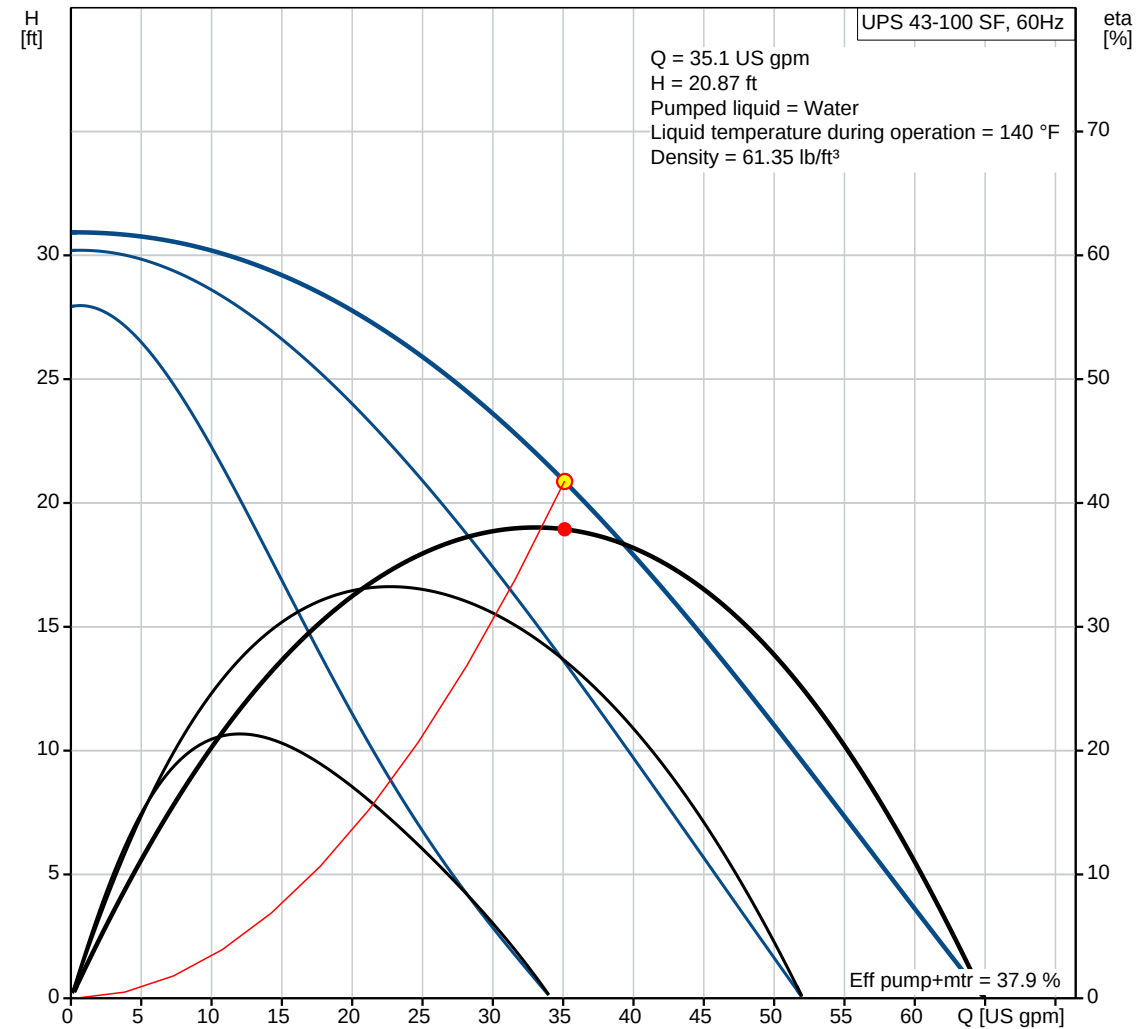
Created by:

Phone:

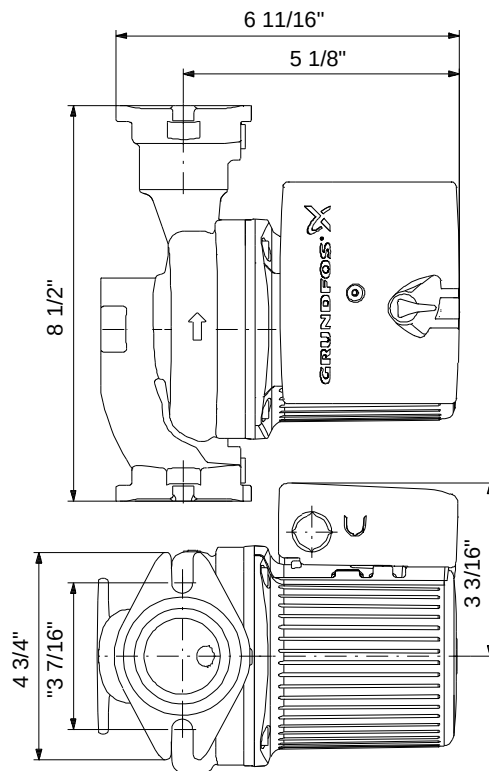
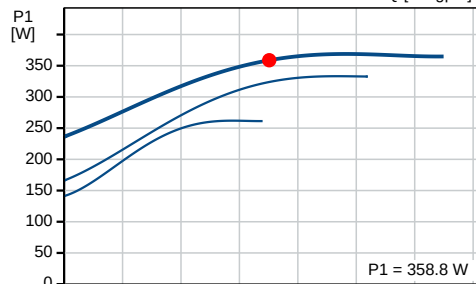
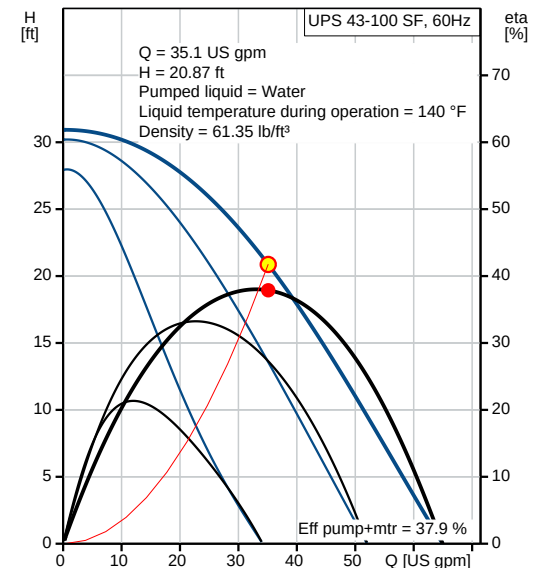
Date: 3/23/2020

Count	Description
	Port-to-port length: 8 1/2 in
	Electrical data:
	Power input in speed 1: 0.3554 HP
	Power input in speed 2: 335 W
	Max. power input: 370 W
	Main frequency: 60 Hz
	Rated voltage: 1 x 115 V
	Current in speed 1: 2.5 A
	Current in speed 2: 3.1 A
	Current in speed 3: 3.5 A
	Capacitor size - run: 40 µF/180 V
	Number of poles: 2
	Insulation class (IEC 85): H
	Others:
	Gross weight: 17.7 lb
	Country of origin: US
	Custom tariff no.: 8413.70.2005

95906638 UPS 43-100 SF 60 Hz



Description	Value
General information:	
Product name:	UPS 43-100 SF
Product No.:	95906638
EAN:	5700313291762
	5700313291762
Technical:	
Speed Number:	3
Actual calculated flow:	35.1 US gpm
Max flow:	65 US gpm
Resulting head of the pump:	20.87 ft
Head max:	30.84 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:	2 - 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:	0.3554 HP
Power input in speed 2:	335 W
Max. power input:	370 W
Main frequency:	60 Hz
Rated voltage:	1 x 115 V
Current in speed 1:	2.5 A
Current in speed 2:	3.1 A
Current in speed 3:	3.5 A
Capacitor size - run:	40 µF/180 V
Number of poles:	2
Insulation class (IEC 85):	H
Motor protection:	CONTACT
Thermal protec:	internal
Controls:	
Pos term box:	9H
Others:	
Gross weight:	17.7 lb
Country of origin:	US
Custom tariff no.:	8413.70.2005

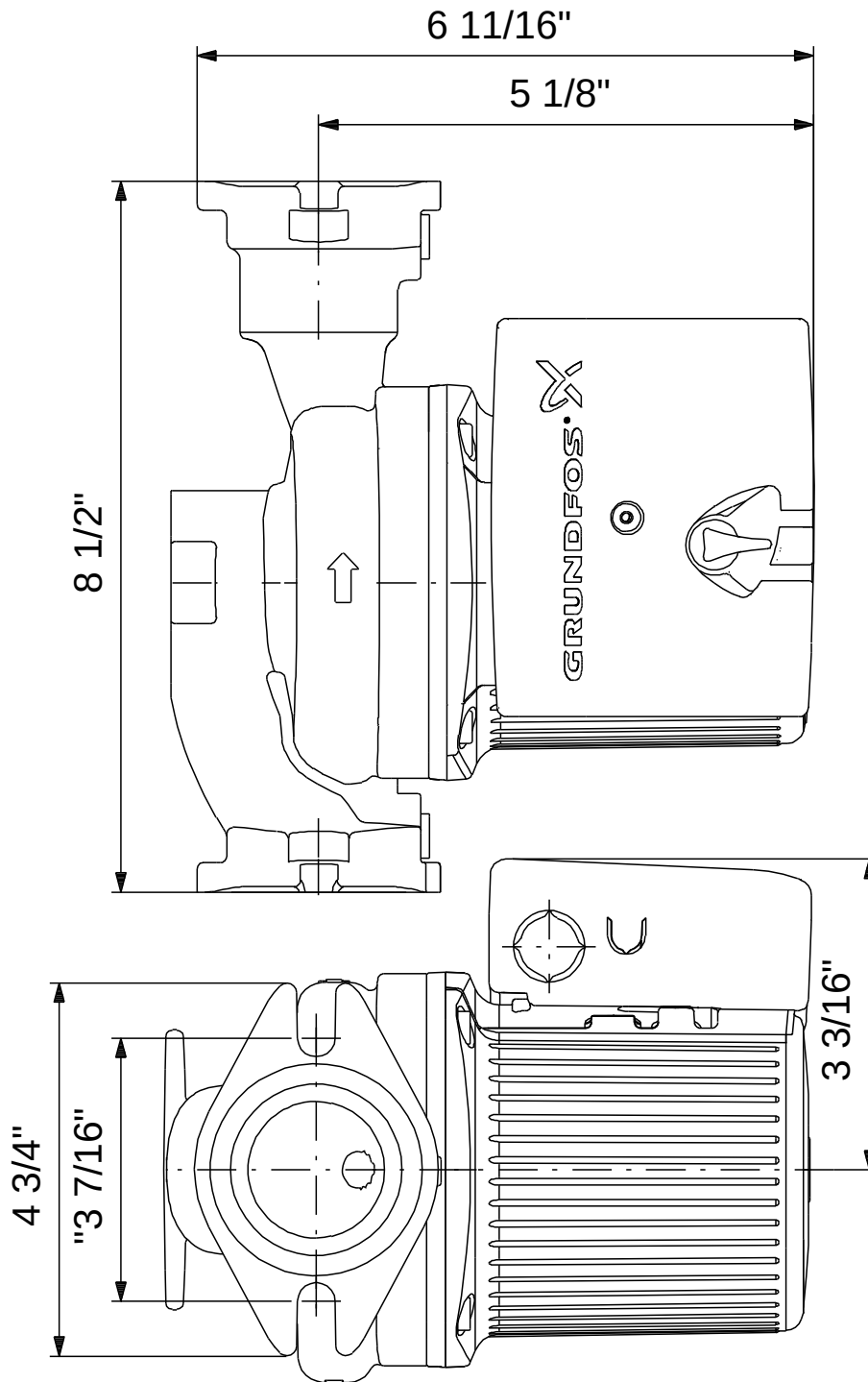




Company name: Hurley Engineering
Created by:
Phone:

Date: 3/23/2020

95906638 UPS 43-100 SF 60 Hz



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