

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:	_____

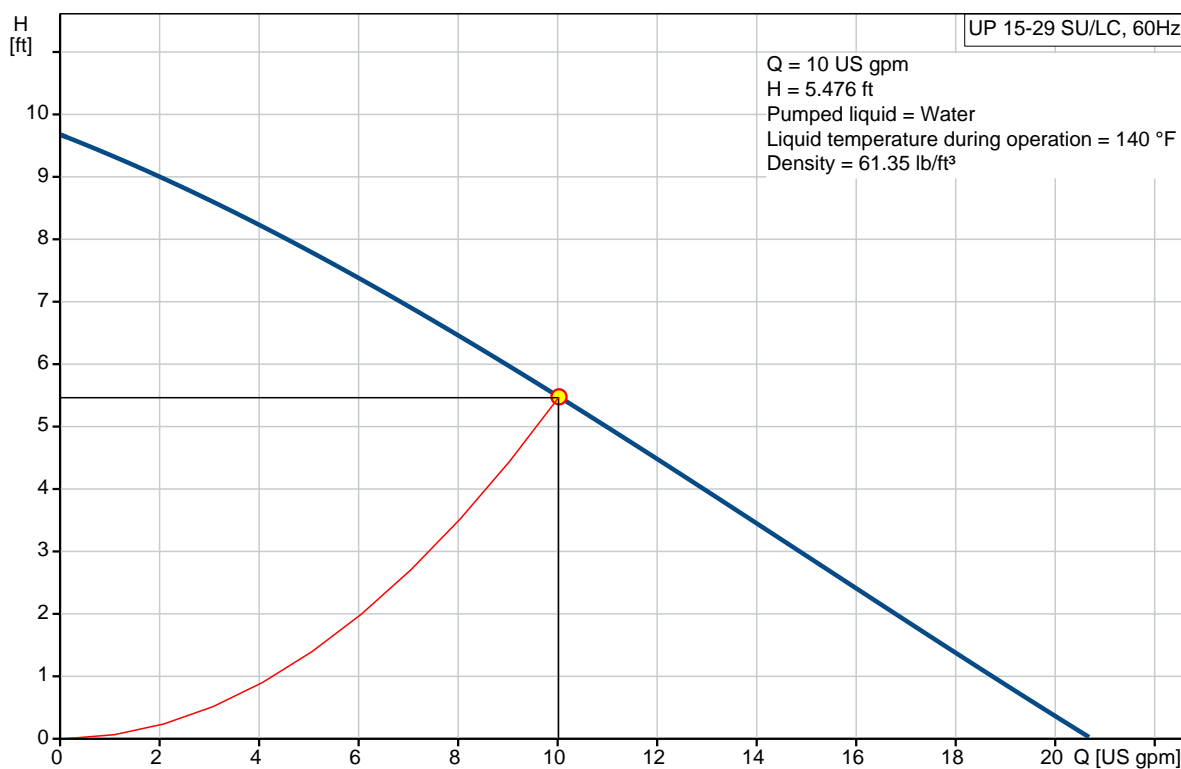


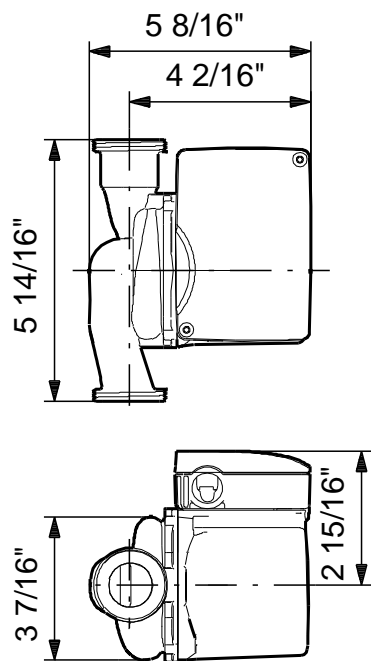
### UP 15-29 SU/LC

Circulator pumps

Product photo could vary from the actual product


Conditions of Service	Pump Data	Motor Data
Flow: 10 US gpm	Maximum operating pressure: 145.04 psi	Max. power input: 87 W
Head: 5.476 ft	Liquid temperature range: 35.6 .. 230 °F	Rated voltage: 115 V
Efficiency: _____	Maximum ambient temperature: 104 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: UL, CSA	Insulation class: F
Temperature: 140 °F	Type of connection: S.S. Union	Motor protection: CONTACT
NPSH required: ft	Flange standard: USA Threaded	Thermal protection: internal
Viscosity: _____	Pipe connection: 1 1/4" NPSM	
Specific Gravity: 0.985	Product number: 59896776	



**Materials:**

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

Impeller: Composite, PES

Count	Description																																		
1	<p><b>UP 15-29 SU/LC</b></p>  <p>Product photo could vary from the actual product</p> <p>Product No.: <a href="#">59896776</a></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"> <li>* Ceramic shaft and radial bearings.</li> <li>* Carbon axial bearing.</li> <li>* Stainless steel rotor can and bearing plate.</li> <li>* Corrosion-resistant impeller, Composite, PES.</li> <li>* Stainless steel pump housing.</li> </ul> <p>The motor is a 1-phase motor. No additional motor protection is required.</p> <p><b>Liquid:</b></p> <table> <tr> <td>Pumped liquid:</td><td>Water</td></tr> <tr> <td>Liquid temperature range:</td><td>35.6 .. 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><b>Technical:</b></p> <table> <tr> <td>Actual calculated flow:</td><td>10 US gpm</td></tr> <tr> <td>Resulting head of the pump:</td><td>5.476 ft</td></tr> <tr> <td>Approvals on nameplate:</td><td>UL, CSA</td></tr> </table> <p><b>Materials:</b></p> <table> <tr> <td>Pump housing:</td><td>Stainless steel DIN W.-Nr. 1.4301 AISI 304</td></tr> <tr> <td>Impeller:</td><td>Composite, PES</td></tr> </table> <p><b>Installation:</b></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 Threaded</td></tr> <tr> <td>Type of connection:</td><td>S.S. Union</td></tr> <tr> <td>Pipe connection:</td><td>1 1/4" NPSM</td></tr> <tr> <td>Pressure stage:</td><td>10</td></tr> <tr> <td>Port-to-port length:</td><td>5 7/8 in</td></tr> </table>	Pumped liquid:	Water	Liquid temperature range:	35.6 .. 230 °F	Selected liquid temperature:	140 °F	Density:	61.35 lb/ft³	Actual calculated flow:	10 US gpm	Resulting head of the pump:	5.476 ft	Approvals on nameplate:	UL, CSA	Pump housing:	Stainless steel DIN W.-Nr. 1.4301 AISI 304	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 Threaded	Type of connection:	S.S. Union	Pipe connection:	1 1/4" NPSM	Pressure stage:	10	Port-to-port length:	5 7/8 in
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Company name: Hurley Engineering  
Created by:  
Phone:

Date: 3/23/2020

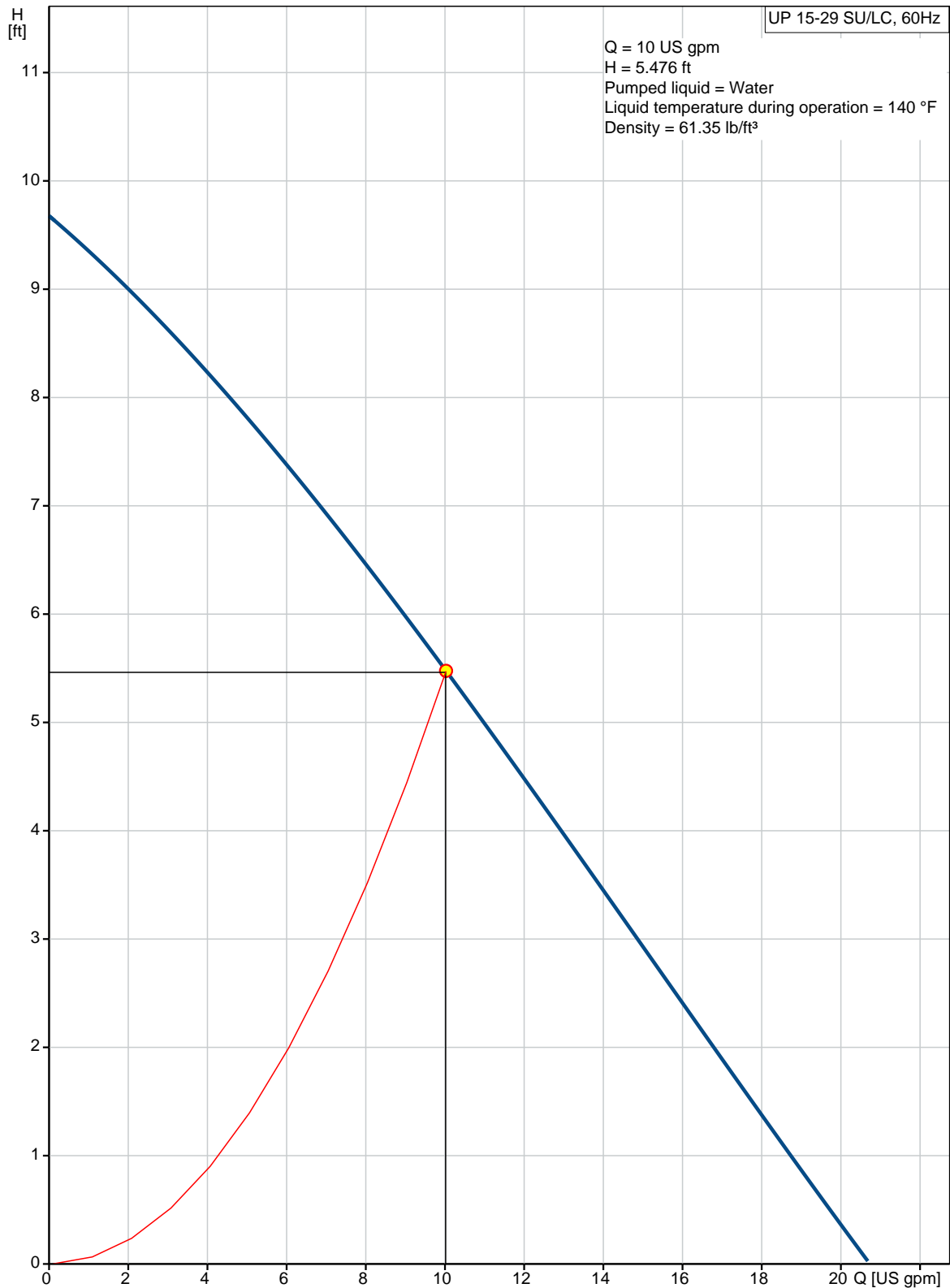
Count	Description
	<b>Electrical data:</b> Max. power input: 87 W Main frequency: 60 Hz Rated voltage: 1 x 115 V Current in speed 3: 0.75 A Capacitor size - run: 10 µF/180 V Number of poles: 2 Insulation class (IEC 85): F Cable type: Connecting cord with plug  <b>Others:</b> Gross weight: 5.71 lb Country of origin: US Custom tariff no.: 8413.70.2005



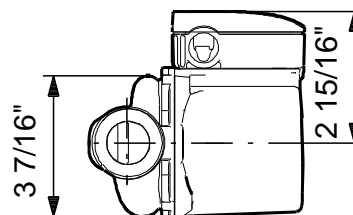
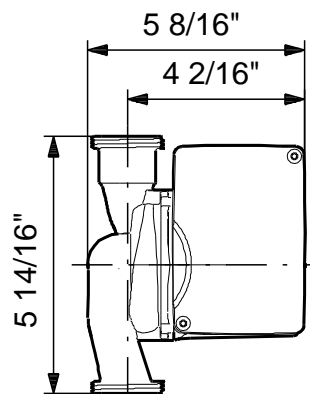
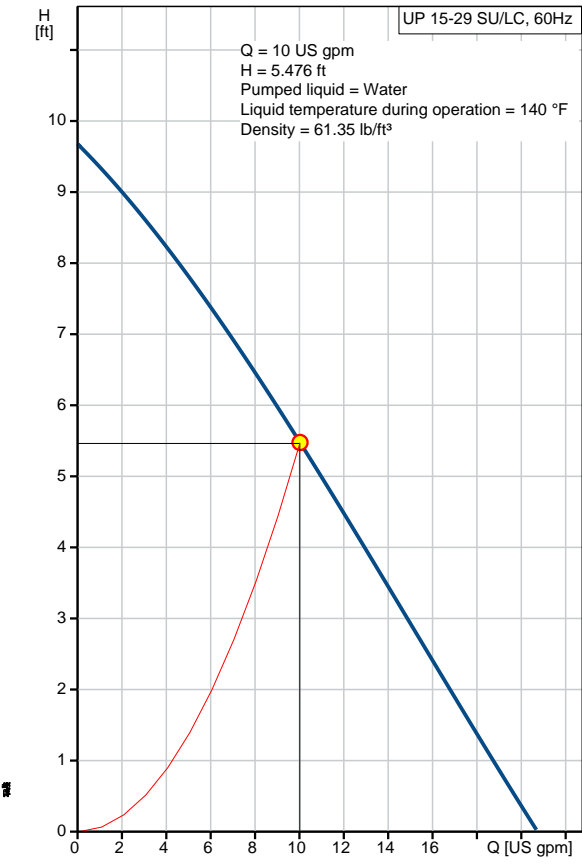
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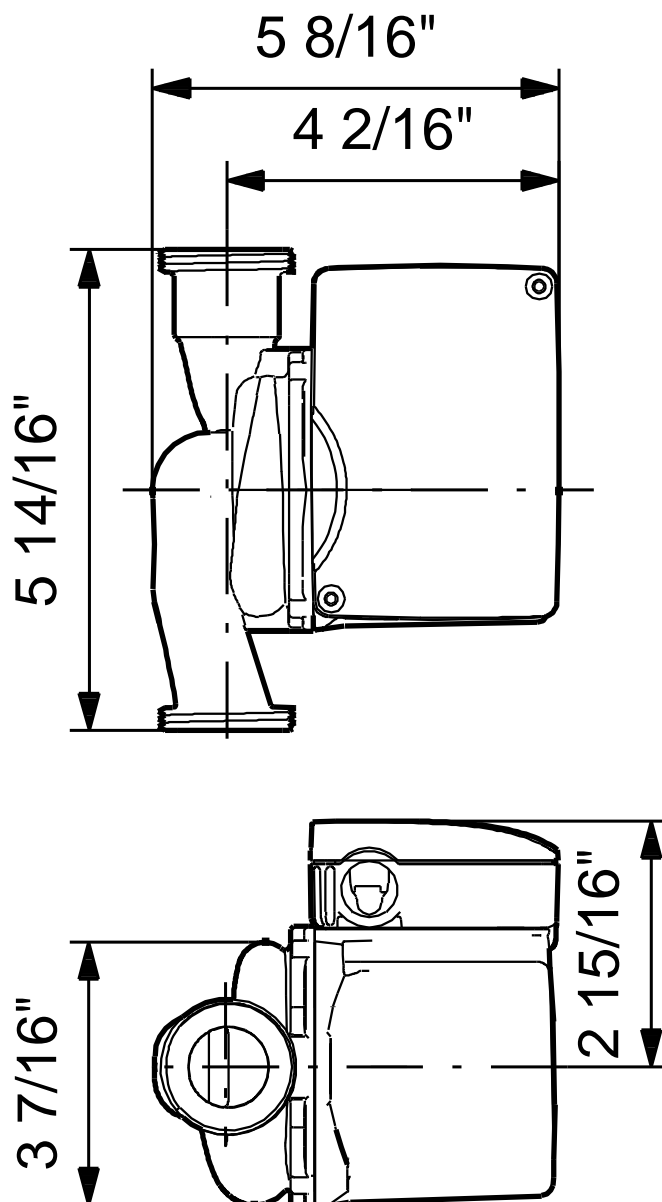
Date: 3/23/2020

## 59896776 UP 15-29 SU/LC 60 Hz



Description	Value
<b>General information:</b>	
Product name:	UP 15-29 SU/LC
Product No.:	59896776
EAN:	5700837414470
	5700837414470
<b>Technical:</b>	
Speed Number:	1
Actual calculated flow:	10 US gpm
Max flow:	20.7 US gpm
Resulting head of the pump:	5.476 ft
Head max:	9.843 ft
Approvals on nameplate:	UL, CSA
<b>Materials:</b>	
Pump housing:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Impeller:	Composite, PES
<b>Installation:</b>	
Maximum ambient temperature:	104 °F
Ambient max at 176°F liquid:	176 °F
Maximum operating pressure:	145.04 psi
Flange standard:	USA Threaded
Type of connection:	S.S. Union
Pipe connection:	1 1/4" NPSM
Pressure stage:	10
Port-to-port length:	5 7/8 in
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	35.6 .. 230 °F
Selected liquid temperature:	140 °F
Density:	61.35 lb/ft³
<b>Electrical data:</b>	
Max. power input:	87 W
Main frequency:	60 Hz
Rated voltage:	1 x 115 V
Current in speed 3:	0.75 A
Capacitor size - run:	10 µF/180 V
Number of poles:	2
Insulation class (IEC 85):	F
Motor protection:	CONTACT
Thermal protec:	internal
Cable type:	Connecting cord with plug
<b>Controls:</b>	
Pos term box:	9H
<b>Others:</b>	
Gross weight:	5.71 lb
Country of origin:	US
Custom tariff no.:	8413.70.2005



**59896776 UP 15-29 SU/LC 60 Hz**

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