

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:	_____

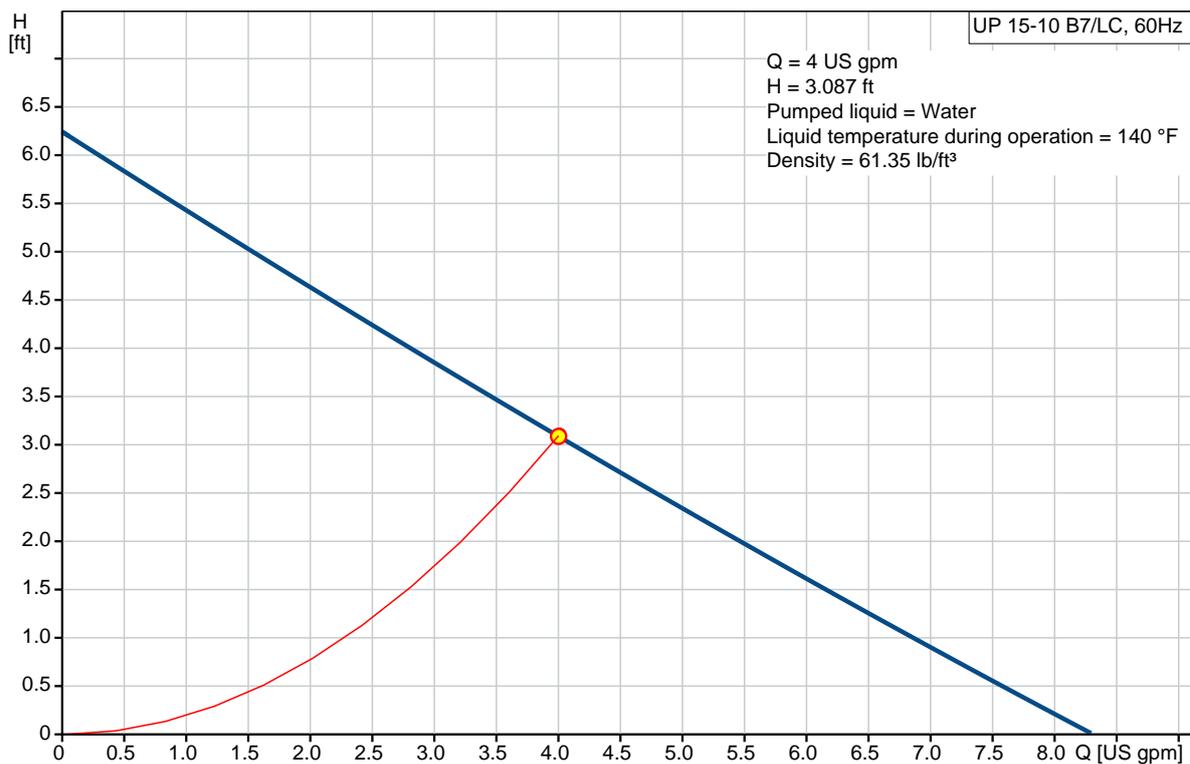


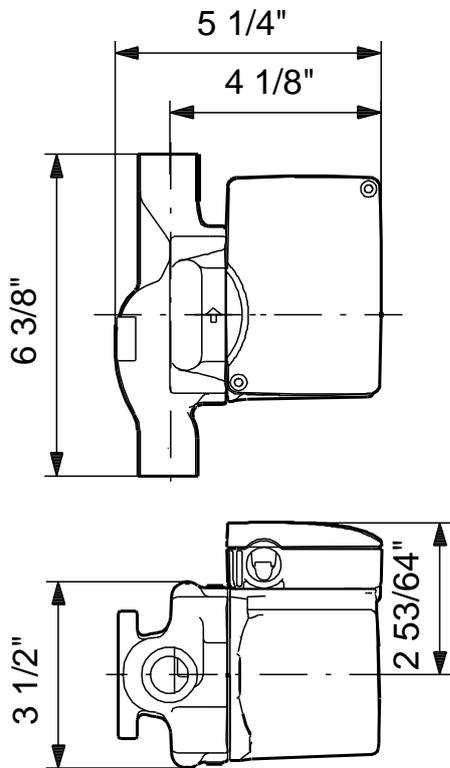
UP 15-10 B7/LC

Circulator pumps

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: 4 US gpm	Maximum operating pressure: 145.04 psi	Max. power input: 25 W
Head: 3.087 ft	Liquid temperature range: 35.6 .. 219.2 °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: Bronze Sweat	Motor protection: CONTACT
NPSH required: ft	Flange standard: USA Sweat	Thermal protection: internal
Viscosity: _____	Pipe connection: 3/4" Sweat	
Specific Gravity: 0.985	Product number: 59896209	





Materials:

Pump housing: Bronze
DIN W.-Nr. 2.1176.01
Impeller: Composite, PES

Count	Description																																				
1	<p data-bbox="287 403 478 436">UP 15-10 B7/LC</p> <div data-bbox="319 470 654 739">  </div> <p data-bbox="686 750 1149 784" style="text-align: center;">Product photo could vary from the actual product</p> <p data-bbox="287 784 558 817">Product No.: 59896209</p> <p data-bbox="287 817 829 907">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.</p> <p data-bbox="287 907 845 940">The bearings are lubricated by the pumped liquid.</p> <p data-bbox="287 940 638 974">The pump is characterized by:</p> <ul data-bbox="335 974 877 1120" 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. * Bronze pump housing. <p data-bbox="287 1142 766 1209">The motor is a 1-phase motor. No additional motor protection is required.</p> <p data-bbox="287 1232 383 1265">Liquid:</p> <table data-bbox="287 1265 829 1388"> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Liquid temperature range:</td> <td>35.6 .. 219.2 °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 data-bbox="287 1411 430 1444">Technical:</p> <table data-bbox="287 1444 766 1534"> <tr> <td>Actual calculated flow:</td> <td>4 US gpm</td> </tr> <tr> <td>Resulting head of the pump:</td> <td>3.087 ft</td> </tr> <tr> <td>Approvals on nameplate:</td> <td>UL, CSA</td> </tr> </table> <p data-bbox="287 1556 414 1590">Materials:</p> <table data-bbox="287 1590 893 1680"> <tr> <td>Pump housing:</td> <td>Bronze</td> </tr> <tr> <td></td> <td>DIN W.-Nr. 2.1176.01</td> </tr> <tr> <td>Impeller:</td> <td>Composite, PES</td> </tr> </table> <p data-bbox="287 1702 446 1736">Installation:</p> <table data-bbox="287 1736 813 1982"> <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 Sweat</td> </tr> <tr> <td>Type of connection:</td> <td>Bronze Sweat</td> </tr> <tr> <td>Pipe connection:</td> <td>3/4" Sweat</td> </tr> <tr> <td>Pressure stage:</td> <td>10</td> </tr> <tr> <td>Port-to-port length:</td> <td>6 3/8 in</td> </tr> </table> <p data-bbox="287 2004 478 2038">Electrical data:</p>	Pumped liquid:	Water	Liquid temperature range:	35.6 .. 219.2 °F	Selected liquid temperature:	140 °F	Density:	61.35 lb/ft³	Actual calculated flow:	4 US gpm	Resulting head of the pump:	3.087 ft	Approvals on nameplate:	UL, CSA	Pump housing:	Bronze		DIN W.-Nr. 2.1176.01	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 Sweat	Type of connection:	Bronze Sweat	Pipe connection:	3/4" Sweat	Pressure stage:	10	Port-to-port length:	6 3/8 in
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Company name: Hurley Engineering
Created by:
Phone:

Date: 3/23/2020

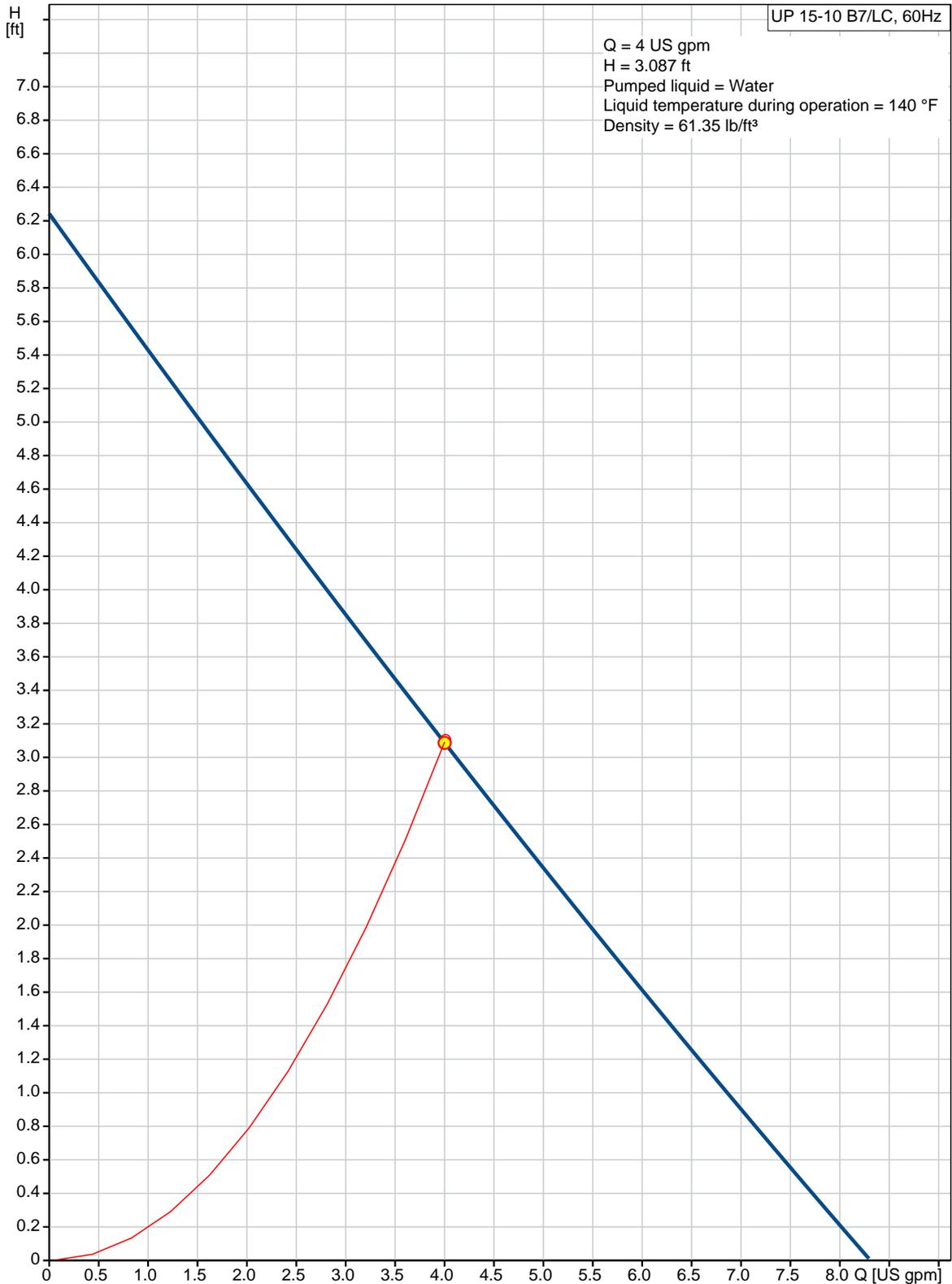
Count	Description
	Max. power input: 25 W Main frequency: 60 Hz Rated voltage: 1 x 115 V Current in speed 3: 0.22 A Capacitor size - run: 2 µF/400 V Number of poles: 2 Insulation class (IEC 85): F Cable type: Connecting cord with plug
	Others: Gross weight: 7.5 lb Country of origin: US Custom tariff no.: 8413.70.2005



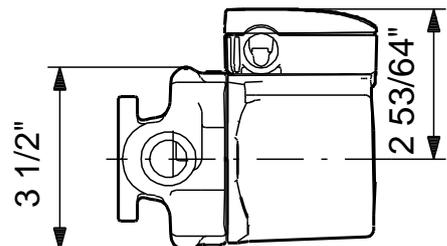
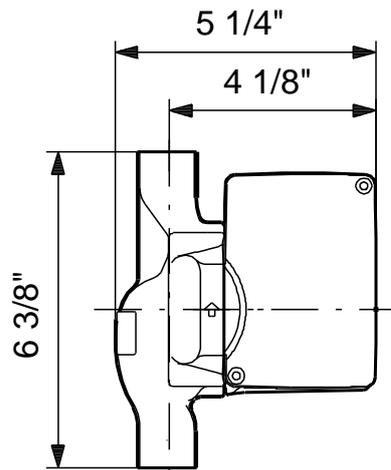
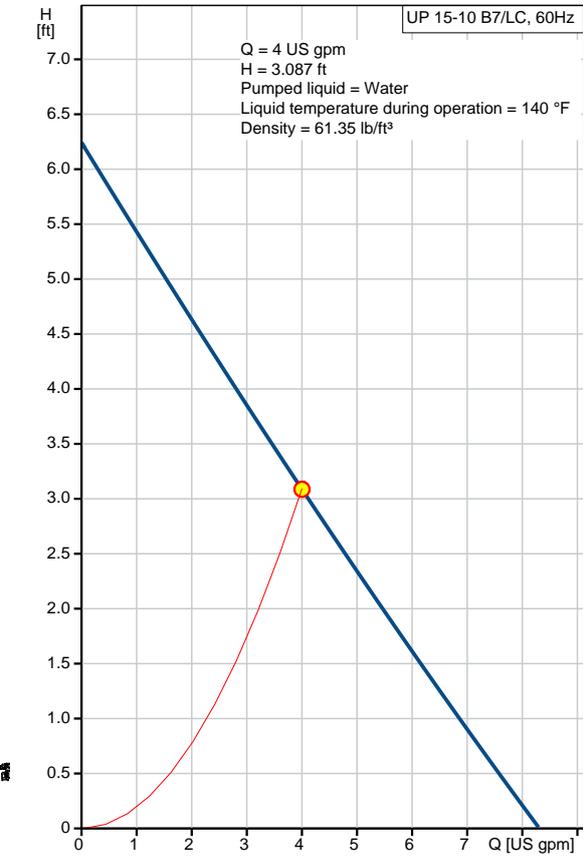
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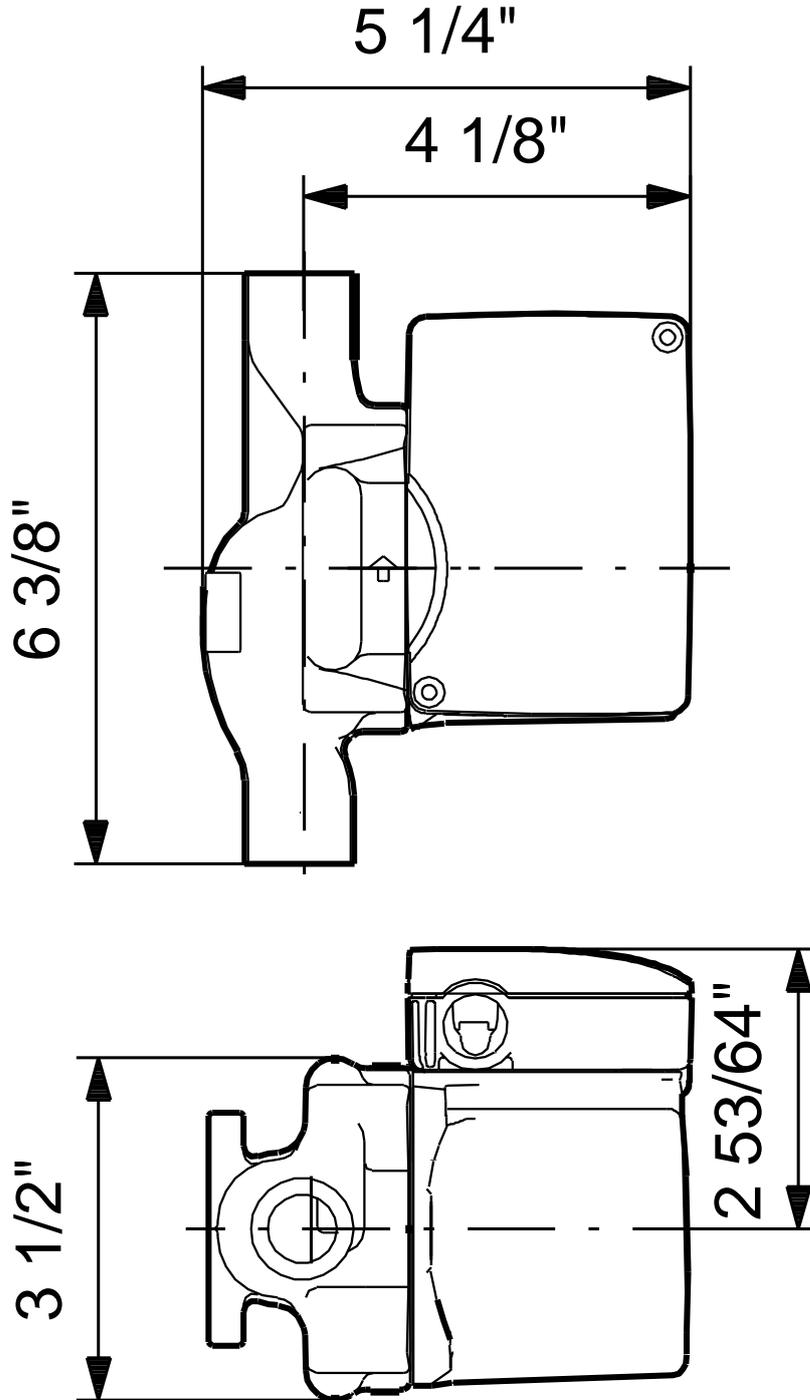
59896209 UP 15-10 B7/LC 60 Hz



Description	Value
General information:	
Product name:	UP 15-10 B7/LC
Product No.:	59896209
EAN:	5700392936349 5700392936349
Technical:	
Speed Number:	1
Actual calculated flow:	4 US gpm
Max flow:	8.37 US gpm
Resulting head of the pump:	3.087 ft
Head max:	6.234 ft
Approvals on nameplate:	UL, CSA
Materials:	
Pump housing:	Bronze DIN W.-Nr. 2.1176.01
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 Sweat
Type of connection:	Bronze Sweat
Pipe connection:	3/4" Sweat
Pressure stage:	10
Port-to-port length:	6 3/8 in
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	35.6 .. 219.2 °F
Selected liquid temperature:	140 °F
Density:	61.35 lb/ft ³
Electrical data:	
Max. power input:	25 W
Main frequency:	60 Hz
Rated voltage:	1 x 115 V
Current in speed 3:	0.22 A
Capacitor size - run:	2 µF/400 V
Number of poles:	2
Insulation class (IEC 85):	F
Motor protection:	CONTACT
Thermal protec:	internal
Cable type:	Connecting cord with plug
Controls:	
Pos term box:	9H
Others:	
Gross weight:	7.5 lb
Country of origin:	US
Custom tariff no.:	8413.70.2005



59896209 UP 15-10 B7/LC 60 Hz



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