

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

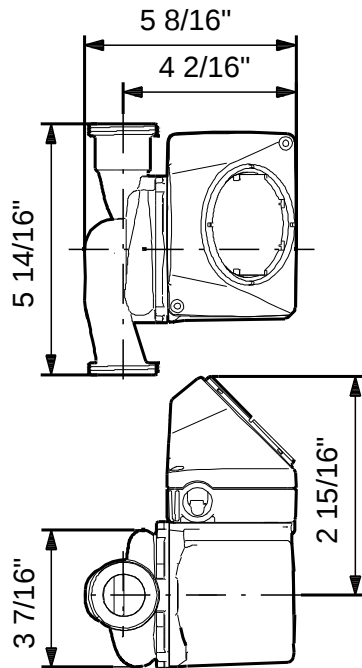


## UP 15-29 SUC/TLC

Circulator pumps

Product photo could vary from the actual product

| Conditions of Service   | Pump Data                                | Motor Data                   |
|-------------------------|------------------------------------------|------------------------------|
| Flow: _____             | Maximum operating pressure: 145 psi      | Max. power input: 87 W       |
| Head: _____             | Liquid temperature range: 35.6 .. 230 °F | Rated power - P2: 0.121 HP   |
| Efficiency: _____       | Maximum ambient temperature: 104 °F      | Rated voltage: 115 V         |
| Liquid: _____           | Approvals: UL, CSA                       | Main frequency: 60 Hz        |
| Temperature: _____      | Type of connection: S.S. Union           | Insulation class: F          |
| NPSH required: _____    | Flange standard: USA Threaded            | Motor protection: Contact    |
| Viscosity: _____        | Pipe connection: 1 1/4" NPSM             | Thermal protection: internal |
| Specific Gravity: _____ | Product number: 59896777                 |                              |



**Materials:**

Pump housing: Stainless steel  
DIN W.-Nr. 1.4301  
AISI 304  
Impeller: Composite, PES



| Position | Count | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 1     | <p><b>UP 15-29 SUC/TLC</b></p>  <p>Product photo could vary from the actual product</p> <p>Product No.: <a href="#">59896777</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.<br/>No additional motor protection is required.</p> <p><b>Liquid:</b><br/>Liquid temperature range: 35.6 .. 230 °F</p> <p><b>Technical:</b><br/>Approvals on nameplate: UL, CSA</p> <p><b>Materials:</b><br/>Pump housing: Stainless steel<br/>DIN W.-Nr. 1.4301<br/>AISI 304<br/>Impeller: Composite, PES</p> <p><b>Installation:</b><br/>Maximum ambient temperature: 104 °F<br/>Ambient max at 176°F liquid: 176 °F<br/>Maximum operating pressure: 145 psi<br/>Flange standard: USA Threaded<br/>Type of connection: S.S. Union<br/>Pipe connection: 1 1/4" NPSM<br/>Pressure stage: 10<br/>Port-to-port length: 5 7/8 in</p> <p><b>Electrical data:</b><br/>Number of poles: 2<br/>Max. power input: 87 W</p> |



**Company name:** PexUniverse.com  
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**Date:** 03/27/2014

| Position | Count | Description                                                                                                                                                                                                                                                                                     |
|----------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |       | <div>Rated power - P2: 0.121 HP</div> <div>Main frequency: 60 Hz</div> <div>Rated voltage: 1 x 115 V</div> <div>Current in speed 3: 0.75 A</div> <div>Capacitor size - run: 10 µF/180 V</div> <div>Insulation class (IEC 85): F</div> <div><b>Others:</b></div> <div>Gross weight: 6.2 lb</div> |

| Description                  | Value                                              |
|------------------------------|----------------------------------------------------|
| Product name:                | UP 15-29 SUC/TLC                                   |
| Product No.:                 | 59896777                                           |
| EAN:                         | 5700837427951                                      |
| Price:                       | On request                                         |
| <b>Technical:</b>            |                                                    |
| Speed Number:                | 1                                                  |
| Max flow:                    | 20.7 US gpm                                        |
| Head max:                    | 9.84 ft                                            |
| Approvals on nameplate:      | UL, CSA                                            |
| Valve:                       | pump with built-in isolating and non-return valves |
| <b>Materials:</b>            |                                                    |
| Pump housing:                | Stainless steel<br>DIN W.-Nr. 1.4301<br>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 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>               |                                                    |
| Liquid temperature range:    | 35.6 .. 230 °F                                     |
| <b>Electrical data:</b>      |                                                    |
| Number of poles:             | 2                                                  |
| Max. power input:            | 87 W                                               |
| Rated power - P2:            | 0.121 HP                                           |
| Main frequency:              | 60 Hz                                              |
| Rated voltage:               | 1 x 115 V                                          |
| Current in speed 3:          | 0.75 A                                             |
| Capacitor size - run:        | 10 µF/180 V                                        |
| Insulation class (IEC 85):   | F                                                  |
| Motor protection:            | Contact                                            |
| Thermal protec:              | internal                                           |
| <b>Controls:</b>             |                                                    |
| Pos term box:                | 9H                                                 |
| <b>Others:</b>               |                                                    |
| Gross weight:                | 6.2 lb                                             |

