



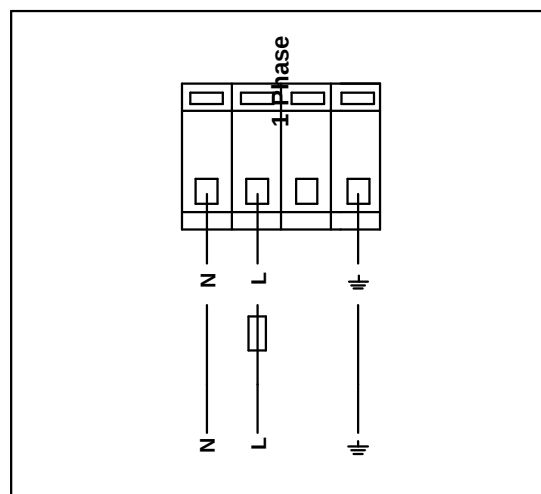
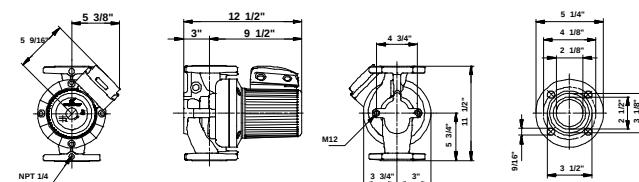
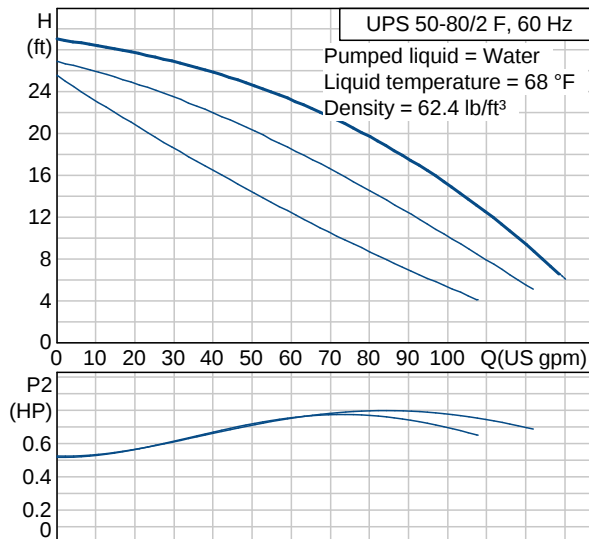
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| Position | Count | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Unit price |
|----------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|          | -1    | <p><b>UPS 50-80/2</b></p>  <p>Product photo could vary from the actual product</p> <p>Product No.: 96402836<br/>                     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.<br/>                     The bearings are lubricated by the pumped liquid.</p> <p>In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.</p> <p><b>The pump is characterized by:</b></p> <ul style="list-style-type: none"> <li>* 3-speed motor.</li> <li>* Ceramic radial bearings.</li> <li>* Carbon axial bearing.</li> <li>* Stainless steel rotor can, bearing plate and rotor cladding.</li> <li>* Aluminium alloy stator housing.</li> <li>* Cast iron pump housing.</li> <li>* Stator with built-in thermal switch.</li> </ul> <p>The motor is a 1-phase motor.</p> <p>The pump is supplied with a standard module in the terminal box.<br/>                     The standard module is to be connected to the mains supply via external contactor.</p> <p><b>Controls:</b><br/>                     Relay: with relay</p> <p><b>Liquid:</b><br/>                     Liquid temperature range: 14 .. 248 °F<br/>                     Liquid temp: 68 °F</p> <p><b>Technical:</b><br/>                     Actual calculated flow: 62.1 US gpm<br/>                     Resulting head of the pump: 23 ft<br/>                     Maximum operating pressure: 145 psi<br/>                     Approvals on nameplate: CUL</p> | On request |

| Position | Count | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit price |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|          |       | <b>Materials:</b><br>Pump housing: Cast iron<br>EN-JL1040<br>ASTM 35 B - 40 B<br>Impeller: Stainless steel<br>DIN W.-Nr. 1.4301<br>AISI 304<br><br><b>Installation:</b><br>Range of ambient temperature: 32 .. 104 °F<br>Maximum operating pressure: 145 psi<br>Flange standard: USA<br>Type of connection: F<br>Pipe connection: 50<br>Pressure stage: 145 psi<br>Port-to-port length: 11 1/2" mm<br><br><b>Electrical data:</b><br>Number of poles: 2<br>Power input in speed 1: 600 W<br>Power input in speed 2: 610 W<br>Max. power input: 630 W<br>Main frequency: 60 Hz<br>Rated voltage: 1 x 230 V<br>Current in speed 1: 2.9 A<br>Current in speed 2: 2.85 A<br>Current in speed 3: 2.95 A<br>Cos phi in speed 1: 0,9<br>Cos phi in speed 2: 0,93<br>Cos phi: 0,94<br>Capacitor size - run: 16 µF/400 V<br>Enclosure class (IEC 34-5): X4D<br>Insulation class (IEC 85): H<br><br><b>Others:</b><br>Net weight: 48.7 lb<br>Gross weight: 54.2 lb<br>Shipping volume: 2.08 ft <sup>3</sup> |            |

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| Description                  | Value             |
|------------------------------|-------------------|
| Product name:                | UPS 50-80/2 F     |
| Product Number:              | 96402836          |
| EAN number:                  | 5700390683276     |
| Technical:                   |                   |
| Speed Number:                | 3                 |
| Actual calculated flow:      | 62.1 US gpm       |
| Resulting head of the pump:  | 23 ft             |
| Head max:                    | 26.2 ft           |
| Maximum operating pressure   | 145 psi           |
| Approvals on nameplate:      | CUL               |
| Model:                       | C                 |
| Materials:                   |                   |
| Pump housing:                | Cast iron         |
|                              | EN-JL1040         |
|                              | ASTM 35 B - 40 B  |
| Impeller:                    | Stainless steel   |
|                              | DIN W.-Nr. 1.4301 |
|                              | AISI 304          |
| Installation:                |                   |
| Range of ambient temperature | 32 .. 104 °F      |
| Maximum operating pressure   | 145 psi           |
| Flange standard:             | USA               |
| Type of connection:          | F                 |
| Pipe connection:             | 50                |
| Pressure stage:              | 145 psi           |
| Port-to-port length:         | 11 1/2" mm        |
| Liquid:                      |                   |
| Liquid temperature range     | 14 .. 248 °F      |
| Liquid temp:                 | 68 °F             |
| Electrical data:             |                   |
| Number of poles:             | 2                 |
| Power input in speed 1:      | 600 W             |
| Power input in speed 2:      | 610 W             |
| Max. power input:            | 630 W             |
| Main frequency:              | 60 Hz             |
| Rated voltage:               | 1 x 230 V         |
| Current in speed 1           | 2.9 A             |
| Current in speed 2           | 2.85 A            |
| Current in speed 3           | 2.95 A            |
| Cos phi in speed 1:          | 0,9               |
| Cos phi in speed 2:          | 0,93              |
| Cos phi:                     | 0,94              |
| Capacitor size - run         | 16 µF/400 V       |
| Enclosure class (IEC 34-5):  | X4D               |
| Insulation class (IEC 85):   | H                 |
| Motor protection:            | CONTACT           |
| Thermal protec:              | internal          |
| R a:                         | 8.3 - 10.8 ohm    |
| R s1:                        | 2.2 - 2.9 ohm     |
| R s2:                        | 5.05 - 6.65 ohm   |
| Controls:                    |                   |
| Relay                        | with relay        |
| Pos term box:                | 1.30H             |
| Others:                      |                   |

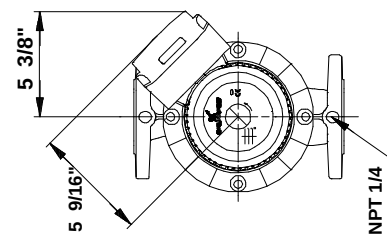
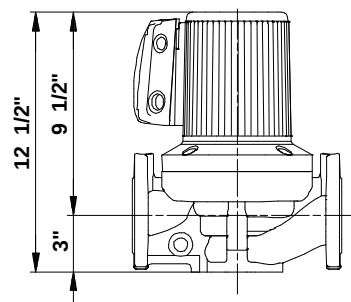
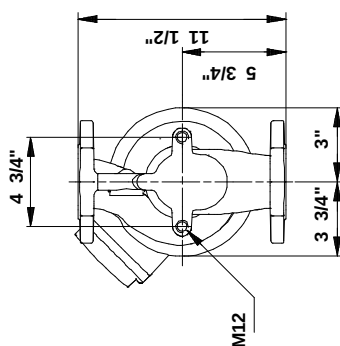
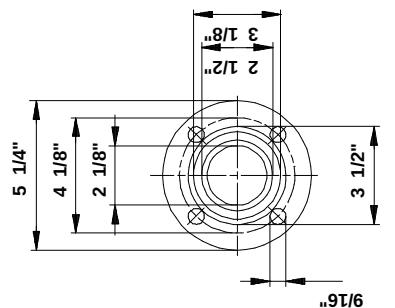




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Date: -

| Description      | Value                |
|------------------|----------------------|
| Net weight:      | 48.7 lb              |
| Gross weight:    | 54.2 lb              |
| Shipping volume: | 2.08 ft <sup>3</sup> |
| Sales region:    | Namreg               |

**96402836 UPS 50-80/2 F 60 Hz**



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