

Submittal Data

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

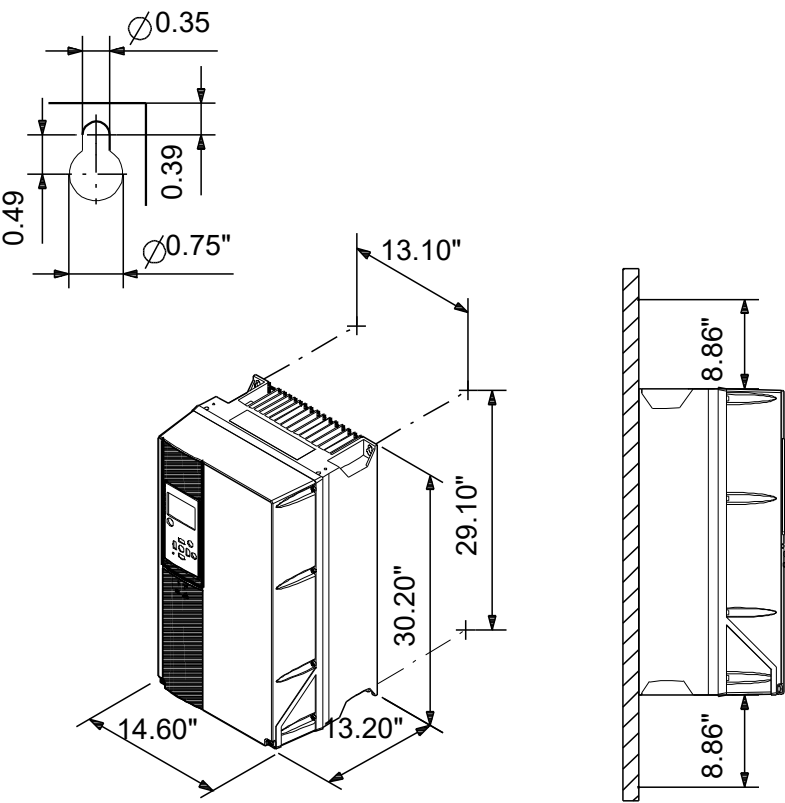


CUE 3X380-500V IP66 90KW DC


CUE

Note! Product picture may differ from actual product

| Conditions of Service | Pump Data   | Motor Data  |
|-----------------------|---|---|
|                       | Maximum ambient temperature: 113 °F<br>Approvals: CE, CULUS, C-TICK<br>Product number: 99619055 | Mains frequency: 50 / 60 Hz<br>Enclosure class: IP66<br>Motor protection: YES<br>Thermal protection: external |



Materials:

| Qty. | Description  |
|------|--|
| 1    | <p><b>CUE 3X380-500V IP66 90KW DC</b></p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: <a href="#">99619055</a></p> <p>CUE is a complete range of external frequency converters designed for speed control of a wide range of Grundfos pumps. CUE has a built-in PI controller and offers the same functionality and user-interface as Grundfos E-pumps. CUE solutions can thus be seen as an extension to the E-pump range.</p> <p>By choosing a CUE-solution, you will get the following benefits:</p> <ul style="list-style-type: none"> <li>- Grundfos E-pump functionality and user-interface</li> <li>- application- and pump-family-related functions</li> <li>- increased comfort compared to fixed-speed pumps</li> <li>- very easy installation and commissioning compared to standard frequency converters</li> <li>- speed control of pumps up to 250 kW</li> <li>- speed control of pumps installed in potentially explosive environments.</li> </ul> <p>CUE offers the following inputs and output:</p> <ul style="list-style-type: none"> <li>- RS-485 GENIbus</li> <li>- an analog 0-10 V input for external setpoint</li> <li>- an analog 0/4-20 mA input for sensor</li> <li>- four digital inputs for various functions, for instance external start/stop</li> <li>- two signal relays (C/NO/NC).</li> </ul> <p>Accessories:</p> <p>Input/output add-on board</p> <p>Provides additional input:</p> <ul style="list-style-type: none"> <li>- one 0/4-20 mA analog input for an additional sensor</li> <li>- one 0-20 mA analog output</li> <li>- two inputs for Pt100/Pt1000 temperature sensors, for instance for bearing monitoring.</li> </ul> <p>Motor filters:</p> <p>For reduction of dU/dt and peak voltages to the motor windings and for reduction of the acoustic noise generated in the motor, a number of motor filters are offered:</p> <ul style="list-style-type: none"> <li>- dU/dt filters , 11-250 kW</li> <li>- Sine wave filters, 0.55-250 kW.</li> </ul> <p>Technical:</p> <p>Approvals: CE, CULUS, C-TICK</p> <p>Installation:</p> <p>Range of ambient temperature: 32 .. 113 °F</p> <p>Relative humidity: 5-95 %</p> <p>Electrical data:</p> <p>Rated power - P2: 121 HP</p> <p>Mains frequency: 50 / 60 Hz</p> <p>Rated voltage: 3 x 380-440/441-500 V</p> <p>Rated current: 177-160 A</p> <p>Maximum current consumption: 177 A</p> <p>Efficiency at full load: 98 %</p> <p>Enclosure class (IEC 34-5): IP66</p> <p>Others:</p> |



Company name: Specs

Created by:

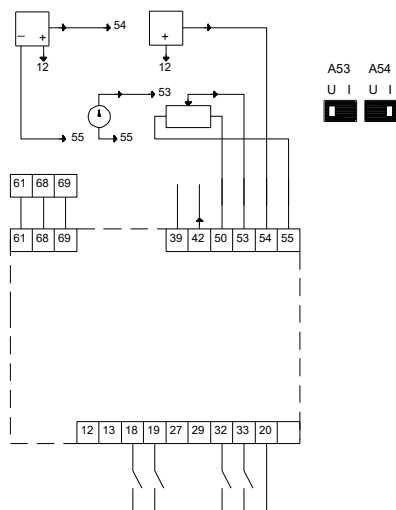
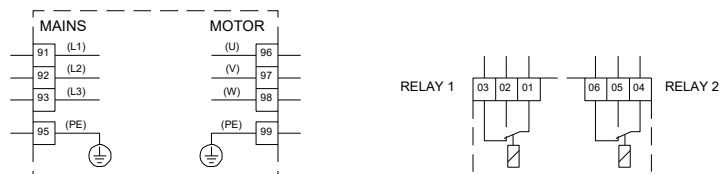
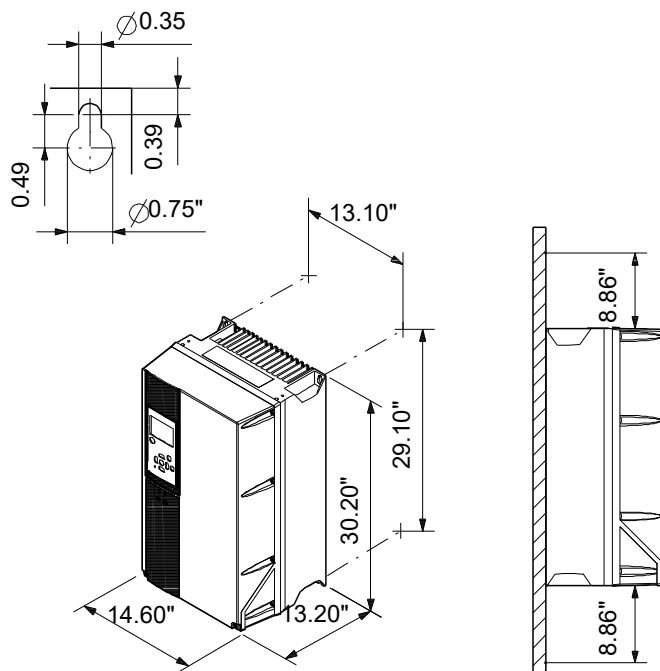
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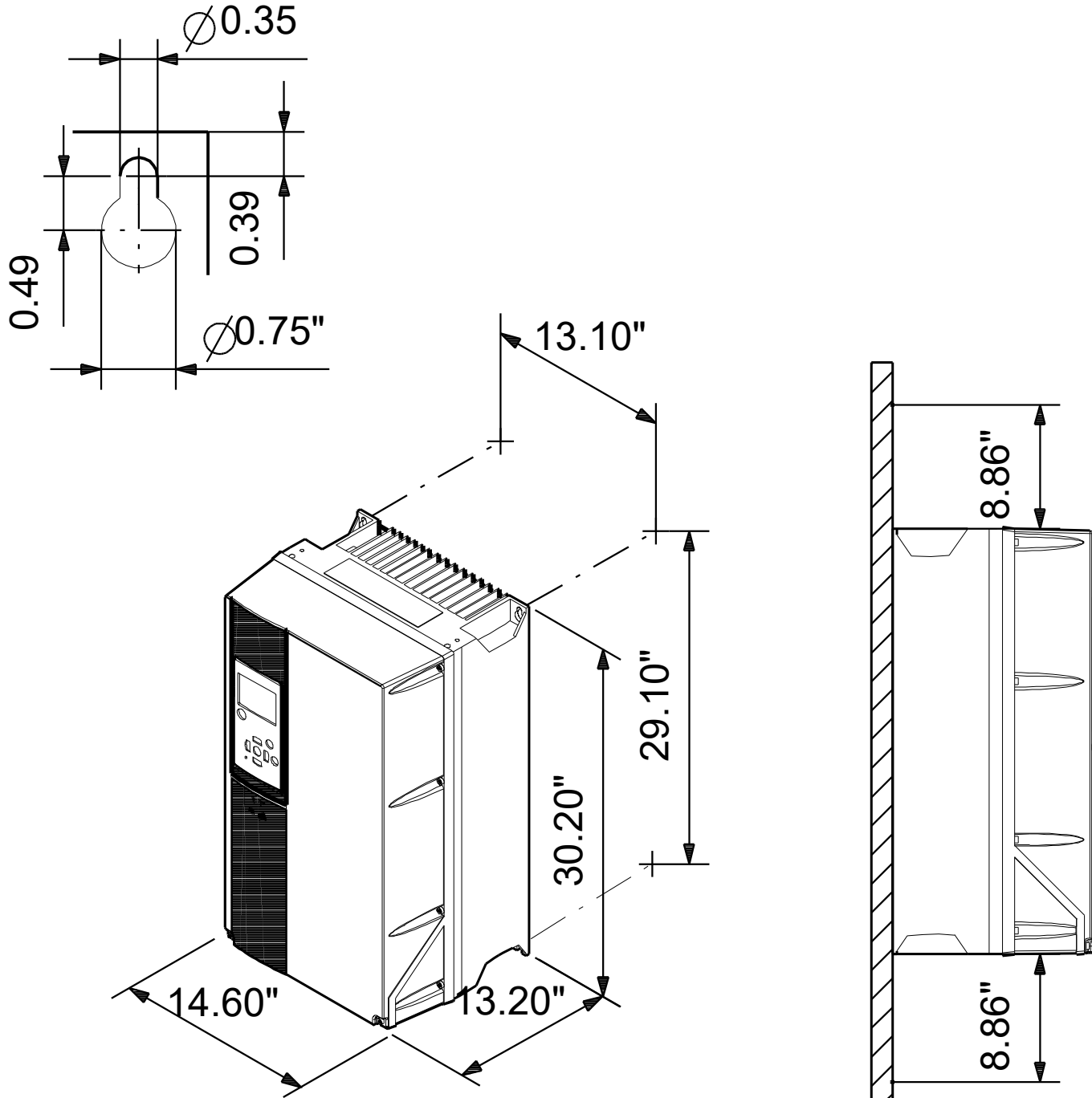
29/11/2023

| Qty. | Description   |
|------|---|
| 1    | <div>Net weight: 141 lb</div> <div>Gross weight: 142 lb</div> <div>Country of origin: US</div> <div>Custom tariff no.: 8504.40.4000</div> |

| Description                   | Value                       |
|-------------------------------|-----------------------------|
| <b>General information:</b>   |                             |
| Product name:                 | CUE 3X380-500V IP66 90KW DC |
| Product No:                   | 99619055                    |
| EAN number:                   | 5713832013678               |
| <b>Technical:</b>             |                             |
| Approvals:                    | CE, CULUS, C-TICK           |
| <b>Installation:</b>          |                             |
| Range of ambient temperature: | 32 .. 113 °F                |
| Relative humidity:            | 5-95 %                      |
| Mounted on:                   | WALL                        |
| <b>Electrical data:</b>       |                             |
| Rated power - P2:             | 121 HP                      |
| Mains frequency:              | 50 / 60 Hz                  |
| Rated voltage:                | 3 x 380-440/441-500 V       |
| Rated current:                | 177-160 A                   |
| Maximum current consumption:  | 177 A                       |
| Efficiency at full load:      | 98 %                        |
| Enclosure class (IEC 34-5):   | IP66                        |
| Built-in motor protection:    | YES                         |
| Thermal protec:               | external                    |
| Cable length:                 | 150/300 m                   |
| <b>Others:</b>                |                             |
| Net weight:                   | 141 lb                      |
| Gross weight:                 | 142 lb                      |
| Country of origin:            | US                          |
| Custom tariff no.:            | 8504.40.4000                |



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