
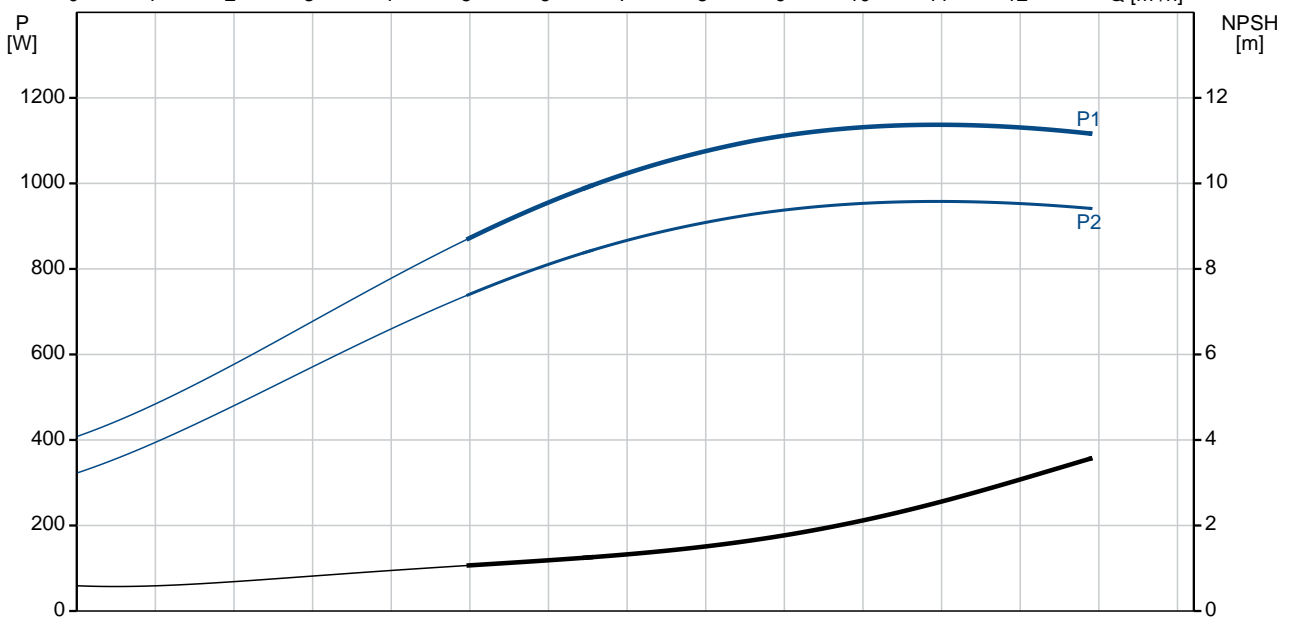
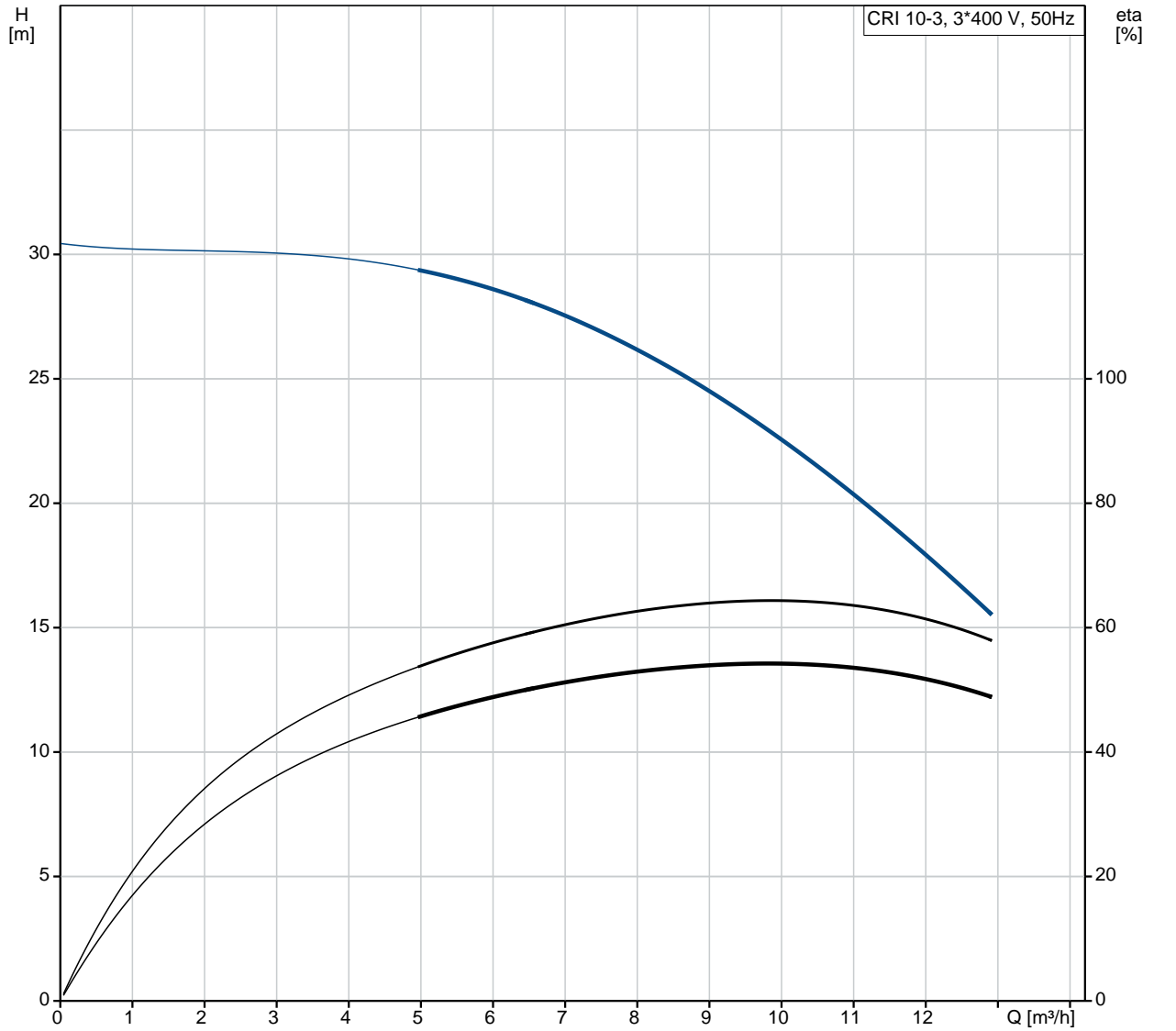


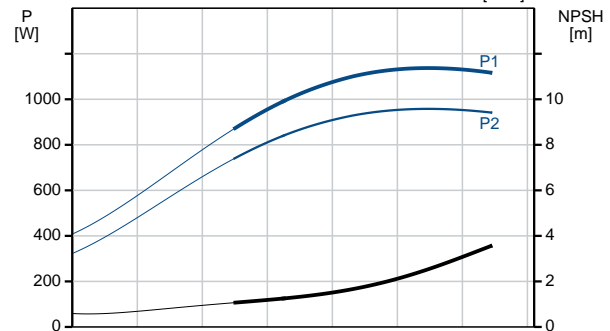
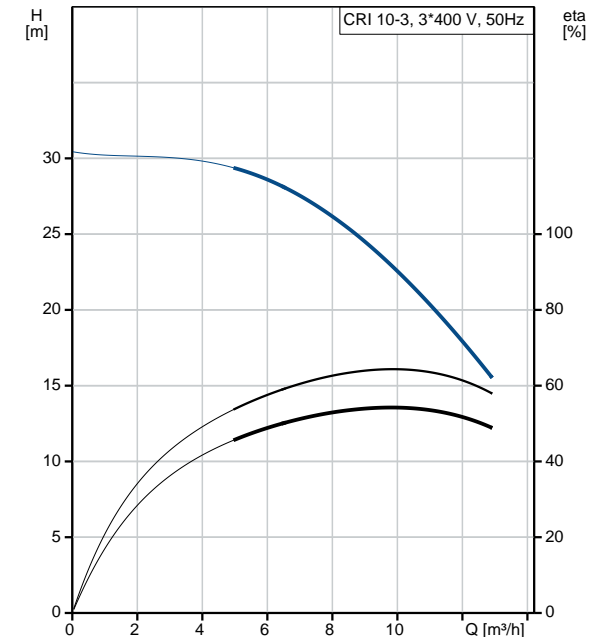
| Position | Qty. | Description  |
|----------|------|--|
|          | 1    | <p><b>CRI 10-3 A-CA-I-V-HQQV</b></p>  <p>Product No.: <a href="#">96501151</a><br/>Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p>The pump has the following characteristics:</p> <ul style="list-style-type: none"> <li>- Impellers, intermediate chambers and outer sleeve are made of Stainless steel, DIN W.-Nr. 1.4301.</li> <li>- Pump head cover and base are made of Stainless steel, DIN W.-Nr. 1.4408.</li> <li>- The shaft seal has assembly length according to EN 12756.</li> <li>- Power transmission is via cast iron split coupling.</li> <li>- Pipework connection is via FLEXICLAMP flanges/couplings.</li> </ul> <p>The motor is a 3-phase AC motor.</p> <p><b>Liquid:</b><br/>Pumped liquid: Water<br/>Liquid temperature range: -20 .. 90 °C<br/>Liquid temperature during operation: 20 °C<br/>Density: 998.2 kg/m<sup>3</sup></p> <p><b>Technical:</b><br/>Speed for pump data: 2853 rpm<br/>Rated flow: 10 m<sup>3</sup>/h<br/>Rated head: 23.1 m<br/>Primary shaft seal: HQQV<br/>Approvals on nameplate: CE, TR<br/>Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b><br/>Pump housing: Stainless steel<br/>DIN W.-Nr. 1.4408<br/>ASTM A 351 CF 8M<br/>Impeller: Stainless steel<br/>DIN W.-Nr. 1.4301<br/>AISI 304<br/>Bush material: NONE</p> <p><b>Installation:</b><br/>Maximum ambient temperature: 60 °C<br/>Max pressure at stated temp: 16 bar / 90 °C<br/>16 bar / -20 °C<br/>Flange standard: FLEXICLAMP</p> |

| Position | Qty. | Description   |
|----------|------|---|
|          |      | Pipe connection: 87 mm<br>Flange size for motor: FT100<br><br><b>Electrical data:</b><br>Motor type: 80C<br>IE Efficiency class: IE3<br>Rated power - P2: 1.1 kW<br>Power (P2) required by pump: 1.1 kW<br>Mains frequency: 50 Hz<br>Rated voltage: 3 x 220-240D/380-415Y V<br>Rated current: 4,35/2,50 A<br>Starting current: 450-500 %<br>Cos phi - power factor: 0,83-0,76<br>Rated speed: 2840-2870 rpm<br>Efficiency: IE3 82,7%<br>Motor efficiency at full load: 82.7 %<br>Motor efficiency at 3/4 load: 84.6 %<br>Motor efficiency at 1/2 load: 85.4 %<br>Number of poles: 2<br>Enclosure class (IEC 34-5): 55 Dust/Jetting<br>Insulation class (IEC 85): F<br><br><b>Others:</b><br>Label: Grundfos Blueflux<br>Minimum efficiency index, MEI : 0.7<br>Net weight: 38.7 kg<br>Gross weight: 42 kg |

## 96501151 CRI 10-3 50 Hz



| Description                          | Value  |
|--------------------------------------|--|
| <b>General information:</b>          |  |
| Product name:                        | CRI 10-3 A-CA-I-V-HQQV   |
| Product No:                          | 96501151   |
| EAN number:                          | 5700396216379  |
| <b>Technical:</b>                    |  |
| Speed for pump data:                 | 2853 rpm   |
| Rated flow:                          | 10 m <sup>3</sup> /h   |
| Rated head:                          | 23.1 m   |
| Impellers:                           | 03   |
| Primary shaft seal:                  | HQQV   |
| Approvals on nameplate:              | CE, TR   |
| Curve tolerance:                     | ISO9906:2012 3B  |
| Stages:                              | 3  |
| Pump version:                        | A  |
| Model:                               | A  |
| <b>Materials:</b>                    |  |
| Pump housing:                        | Stainless steel<br>DIN W.-Nr. 1.4408                                 |
| Impeller:                            | Stainless steel<br>DIN W.-Nr. 1.4301<br>ASTM A 351 CF 8M<br>AISI 304 |
| Material code:                       | I  |
| Code for rubber:                     | V  |
| Bush material:                       | NONE   |
| <b>Installation:</b>                 |  |
| Maximum ambient temperature:         | 60 °C  |
| Max pressure at stated temp:         | 16 bar / 90 °C<br>16 bar / -20 °C                                    |
| Flange standard:                     | FLEXICLAMP   |
| Connect code:                        | CA   |
| Pipe connection:                     | 87 mm  |
| Flange size for motor:               | FT100  |
| <b>Liquid:</b>                       |  |
| Pumped liquid:                       | Water  |
| Liquid temperature range:            | -20 .. 90 °C   |
| Liquid temperature during operation: | 20 °C  |
| Density:                             | 998.2 kg/m <sup>3</sup>  |
| <b>Electrical data:</b>              |  |
| Motor type:                          | 80C  |
| IE Efficiency class:                 | IE3  |
| Rated power - P2:                    | 1.1 kW   |
| Power (P2) required by pump:         | 1.1 kW   |
| Mains frequency:                     | 50 Hz  |
| Rated voltage:                       | 3 x 220-240D/380-415 Y V   |
| Rated current:                       | 4,35/2,50 A  |
| Starting current:                    | 450-500 %  |
| Cos phi - power factor:              | 0,83-0,76  |
| Rated speed:                         | 2840-2870 rpm  |
| Efficiency:                          | IE3 82,7%  |
| Motor efficiency at full load:       | 82.7 %   |
| Motor efficiency at 3/4 load:        | 84.6 %   |
| Motor efficiency at 1/2 load:        | 85.4 %   |
| Number of poles:                     | 2  |





Company name:

Created by:

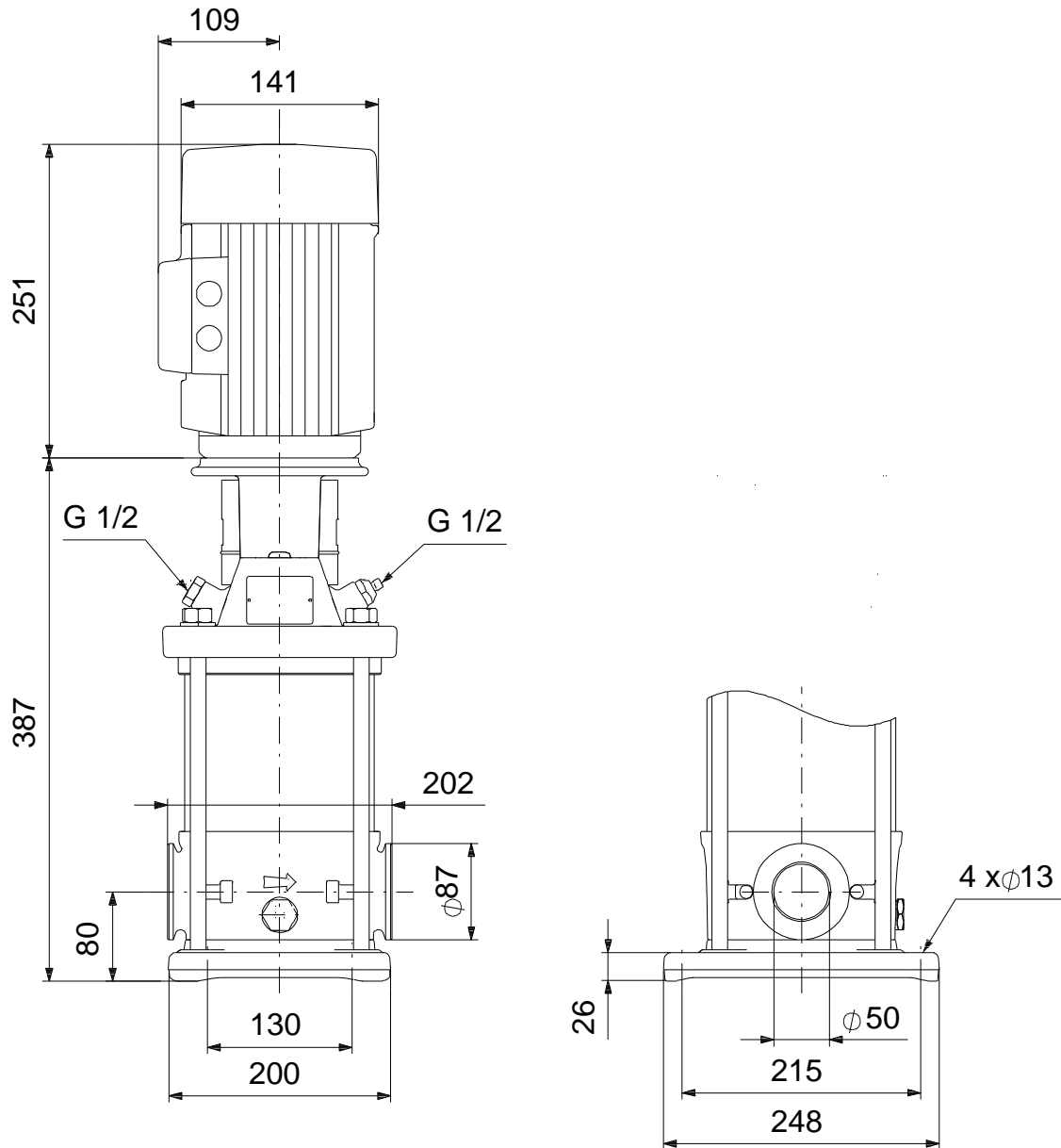
Phone:

Date:

25/09/2017

| Description                     | Value             |
|---------------------------------|-------------------|
| Enclosure class (IEC 34-5):     | 55 Dust/Jetting   |
| Insulation class (IEC 85):      | F                 |
| Motor protec:                   | NONE              |
| Motor No:                       | 85U05105          |
| <b>Others:</b>                  |                   |
| Label:                          | Grundfos Blueflux |
| Minimum efficiency index, MEI : | 0.7               |
| Net weight:                     | 38.7 kg           |
| Gross weight:                   | 42 kg             |

## 96501151 CRI 10-3 50 Hz



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

**96501151 CRI 10-3 50 Hz**



Note! All units are in [mm] unless others are stated.