

| Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <p><b>CRN 1-7 A-P-A-E-HQQE</b></p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: <a href="#">96516485</a></p> <p>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, EN 1.4401.</li> <li>- Pump head cover and base are made of Stainless steel, EN 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 PJE flanges/couplings.</li> </ul> <p>The motor is a 3-phase AC motor.</p> <p>Controls:</p> <p>Terminal box position: 6</p> <p>Frequency converter: None</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -20 .. 120 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p>Technical:</p> <p>Pump speed on which pump data are based: 2873 rpm</p> <p>Rated flow: 1.8 m³/h</p> <p>Rated head: 33.6 m</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Primary shaft seal: HQQE</p> <p>Code for shaft seal: HQQE</p> <p>Approvals: CE,EAC,UKCA,SEPRO,RCM,</p> <p>Approvals for drinking water: WRAS,ACS</p> |

| Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Type key, code for rubber components. E = EPDM, V=FKM: E</p> <p>Base: Stainless steel<br/>EN 1.4408<br/>AISI 316</p> <p>Impeller: Stainless steel<br/>EN 1.4401<br/>AISI 316</p> <p>Type key, code for materials: A</p> <p>Bearing: SIC</p> <p>Installation:</p> <p>Maximum ambient temperature: 60 °C</p> <p>Maximum operating pressure: 25 bar</p> <p>Max pressure at stated temp: 25 bar / 120 °C<br/>25 bar / -20 °C</p> <p>Type of connection: PJE</p> <p>Size of inlet connection: DN 32<br/>1 1/4 inch</p> <p>Size of outlet connection: DN 32<br/>1 1/4 inch</p> <p>Pressure rating for connection: PN 50</p> <p>Flange size for motor: FT85</p> <p>Terminal box position: 6</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 71A</p> <p>Rated power - P2: 0.37 kW</p> <p>Power (P2) required by pump: 0.37 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 1.74/1.00 A</p> <p>Starting current: 490-530 %</p> <p>Cos phi - power factor: 0.80-0.70</p> <p>Rated speed: 2850-2880 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 73.8 %</p> <p>Motor efficiency at 3/4 load: 79.0-76.5 %</p> <p>Motor efficiency at 1/2 load: 75.5-71.5 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): IP55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Built-in motor protection: NONE</p> <p>Motor No: 85805102</p> |



Company name:

Created by:

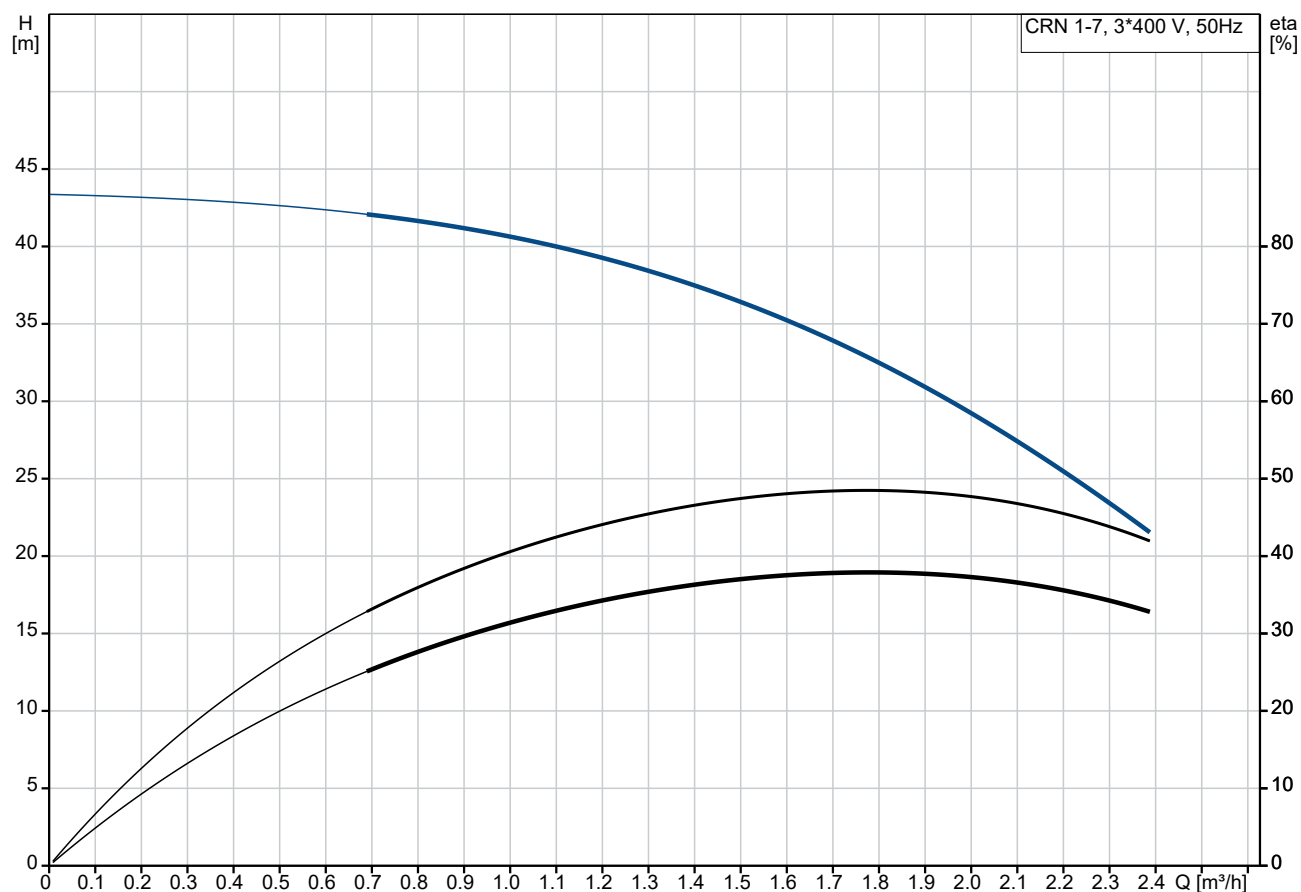
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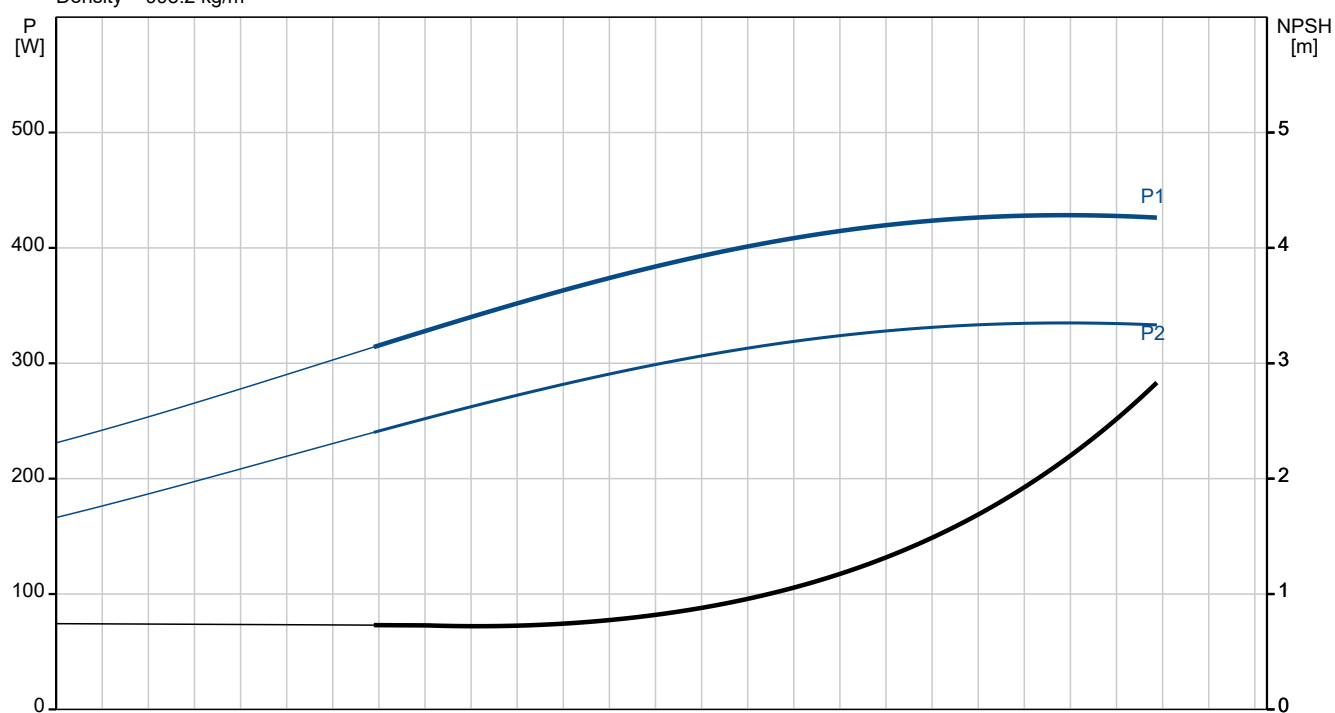
9/10/2026

| Qty. | Description                                                                                                                                                                                                    |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <p>Others:</p> <p>Minimum efficiency index, MEI <math>\geq</math>: 0.70</p> <p>Net weight: 18.3 kg</p> <p>Gross weight: 21 kg</p> <p>Shipping volume: 0.063 m<sup>3</sup></p> <p>Danish VVS No.: 385910007</p> |

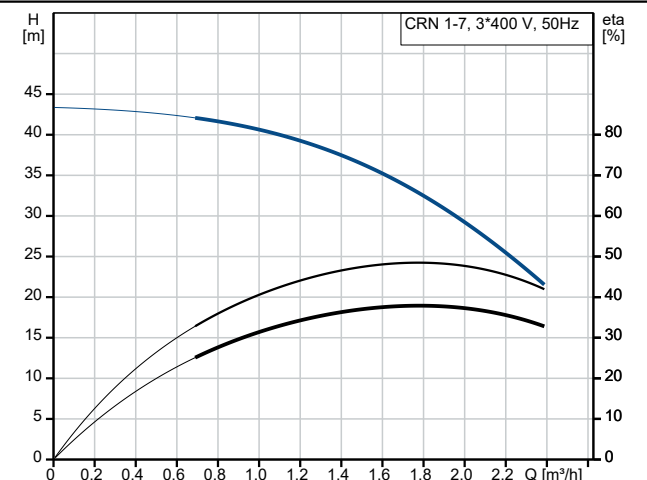
## 96516485 CRN 1-7 A-P-A-E-HQQE 50 Hz



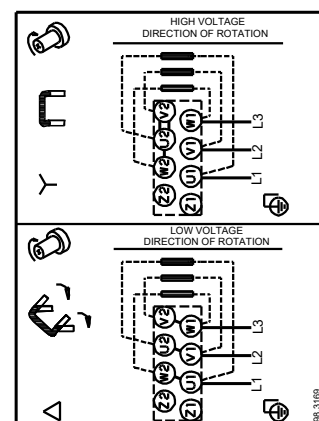
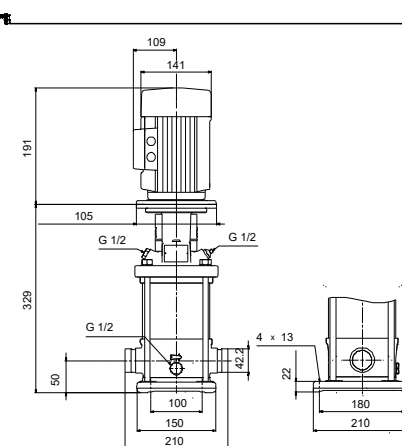
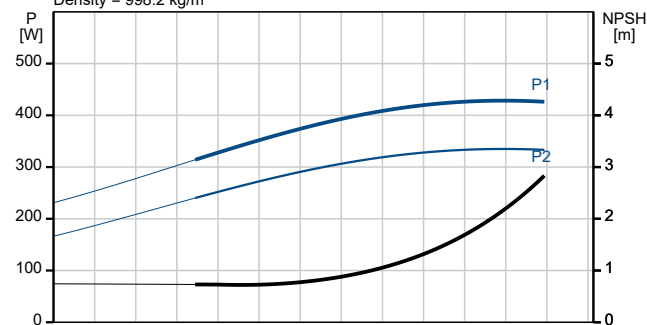
Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



| Description                                            | Value                                    |
|--------------------------------------------------------|------------------------------------------|
| <b>General information:</b>                            |                                          |
| Product name:                                          | CRN 1-7 A-P-A-E-HQQE                     |
| Product No:                                            | 96516485                                 |
| EAN number:                                            | 5700396744155                            |
| Price:                                                 |                                          |
| <b>Technical:</b>                                      |                                          |
| Pump speed on which pump data are based:               | 2873 rpm                                 |
| Rated flow:                                            | 1.8 m³/h                                 |
| Rated head:                                            | 33.6 m                                   |
| Maximum head:                                          | 43.7 m                                   |
| Stages:                                                | 7                                        |
| Impellers:                                             | 7                                        |
| Number of reduced-diameter impellers:                  | 0                                        |
| Low NPSH:                                              | N                                        |
| Pump orientation:                                      | Vertical                                 |
| Shaft seal arrangement:                                | Single                                   |
| Primary shaft seal:                                    | HQQE                                     |
| Code for shaft seal:                                   | HQQE                                     |
| Approvals:                                             | CE,EAC,UKCA,SEPRO,R CM,                  |
| Approvals for drinking water:                          | WRAS,ACS                                 |
| Curve tolerance:                                       | ISO9906:2012 3B                          |
| Pump version:                                          | A                                        |
| Model:                                                 | A                                        |
| Pump type:                                             | CRN                                      |
| <b>Materials:</b>                                      |                                          |
| Type key, code for rubber components. E = EPDM, V=FKM: | E                                        |
| Base:                                                  | Stainless steel<br>EN 1.4408<br>AISI 316 |
| Impeller:                                              | Stainless steel<br>EN 1.4401<br>AISI 316 |
| Type key, code for materials:                          | A                                        |
| Code for rubber:                                       | E                                        |
| Bearing:                                               | SIC                                      |
| <b>Installation:</b>                                   |                                          |
| Maximum ambient temperature:                           | 60 °C                                    |
| Maximum operating pressure:                            | 25 bar                                   |
| Max pressure at stated temp:                           | 25 bar / 120 °C<br>25 bar / -20 °C       |
| Type key, code for pipework connection:                | P                                        |
| Type of connection:                                    | PJE                                      |
| Size of inlet connection:                              | DN 32<br>1 1/4 inch                      |
| Size of outlet connection:                             | DN 32<br>1 1/4 inch                      |
| Pressure rating for connection:                        | PN 50                                    |
| Flange size for motor:                                 | FT85                                     |
| Terminal box position:                                 | 6                                        |
| Connect code:                                          | P                                        |
| <b>Liquid:</b>                                         |                                          |
| Pumped liquid:                                         | Water                                    |
| Liquid temperature range:                              | -20 .. 120 °C                            |
| Selected liquid temperature:                           | 20 °C                                    |



Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³





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Created by:

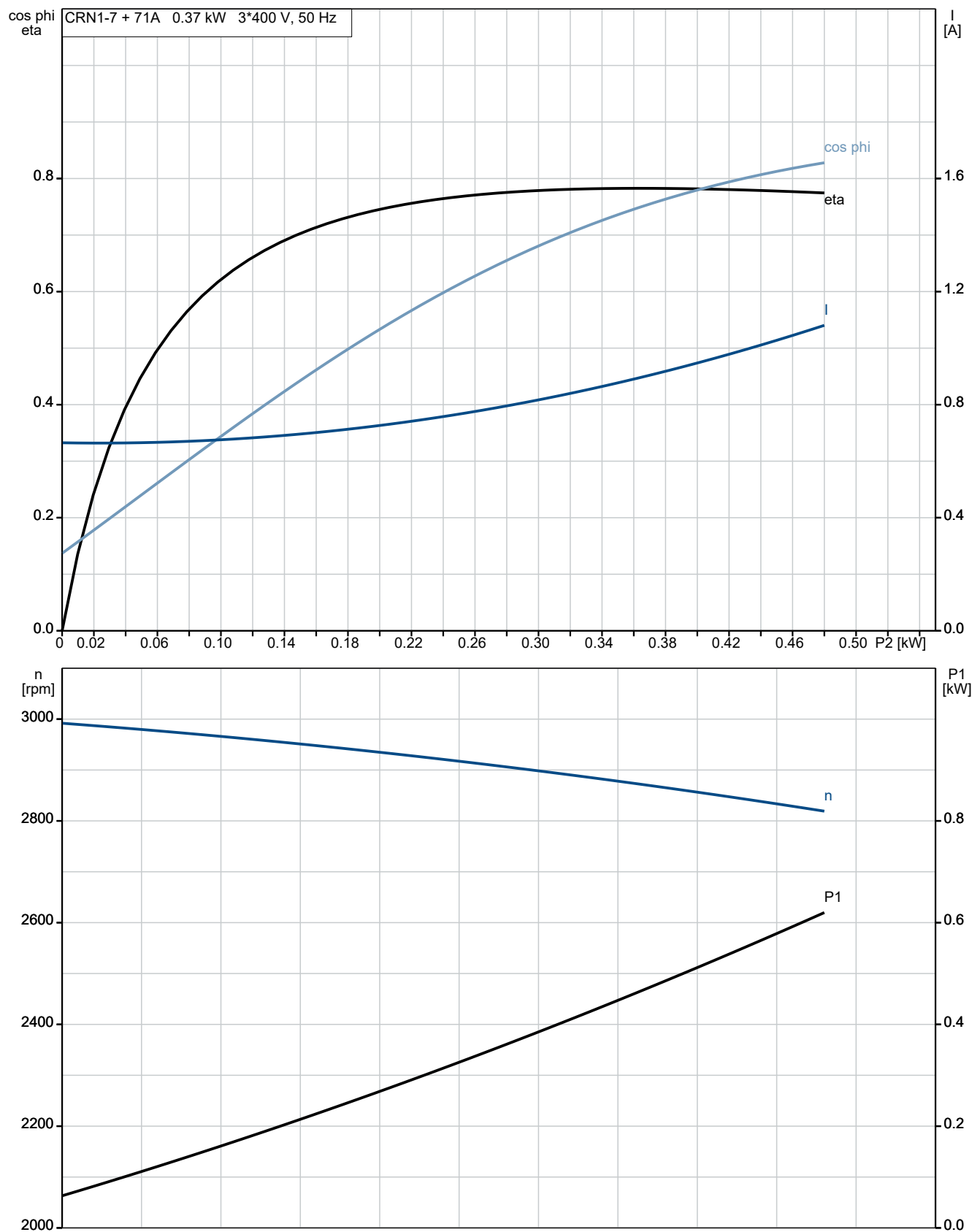
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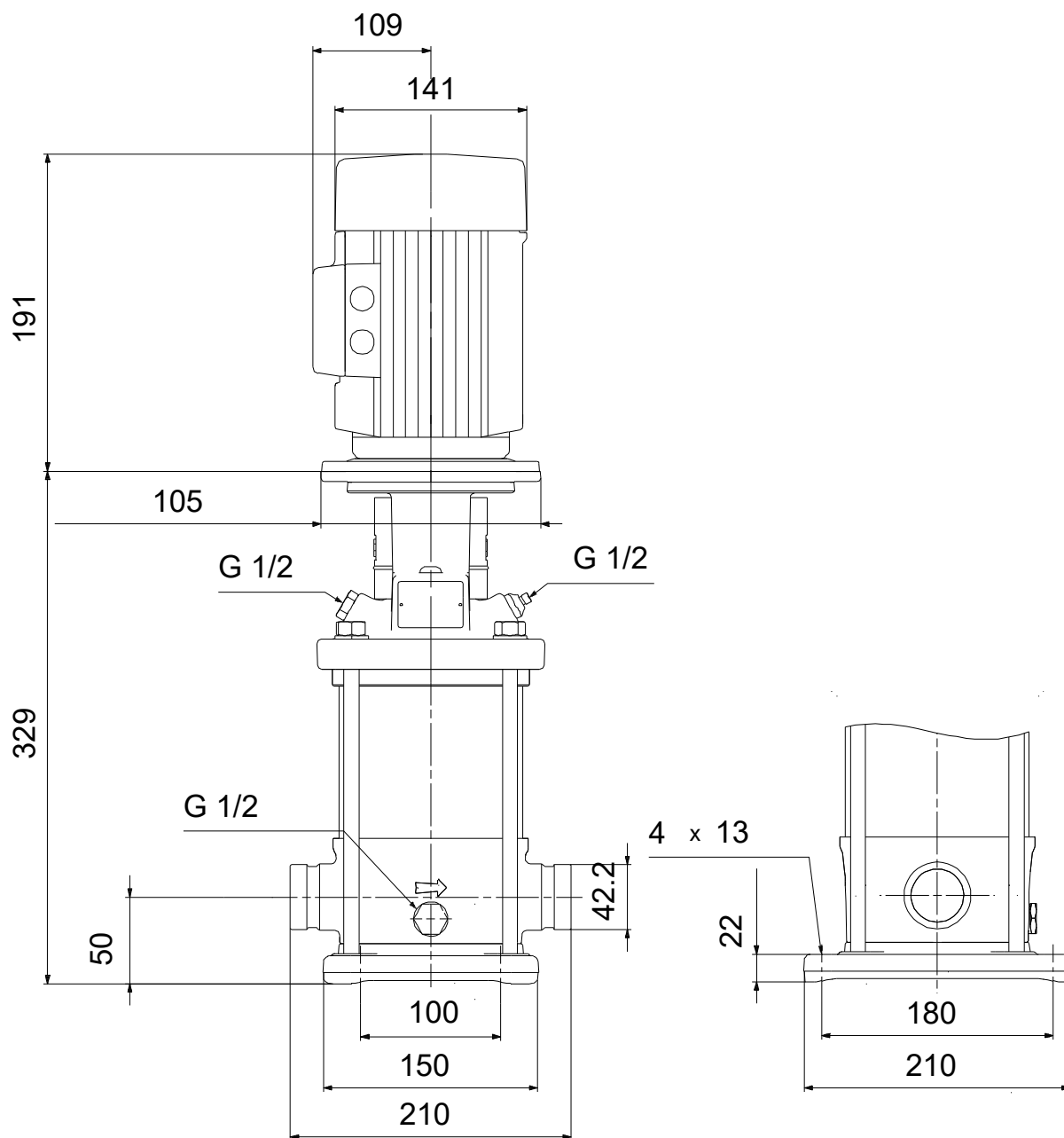
9/10/2026

| Description                      | Value                    |
|----------------------------------|--------------------------|
| Density:                         | 998.2 kg/m <sup>3</sup>  |
| <b>Electrical data:</b>          |                          |
| Motor standard:                  | IEC                      |
| Motor type:                      | 71A                      |
| Rated power - P2:                | 0.37 kW                  |
| Power (P2) required by pump:     | 0.37 kW                  |
| Mains frequency:                 | 50 Hz                    |
| Rated voltage:                   | 3 x 220-240D/380-415Y V  |
| Rated current:                   | 1.74/1.00 A              |
| Starting current:                | 490-530 %                |
| Cos phi - power factor:          | 0.80-0.70                |
| Rated speed:                     | 2850-2880 rpm            |
| IE Efficiency class:             | IE3                      |
| Motor efficiency at full load:   | 73.8 %                   |
| Motor efficiency at 3/4 load:    | 79.0-76.5 %              |
| Motor efficiency at 1/2 load:    | 75.5-71.5 %              |
| Number of poles:                 | 2                        |
| Enclosure class (IEC 34-5):      | IP55 Dust/Jetting        |
| Insulation class (IEC 85):       | F                        |
| Built-in motor protection:       | NONE                     |
| Motor No:                        | <a href="#">85805102</a> |
| <b>Controls:</b>                 |                          |
| Terminal box position:           | 6                        |
| Frequency converter:             | None                     |
| <b>Others:</b>                   |                          |
| Minimum efficiency index, MEI ≥: | 0.70                     |
| Net weight:                      | 18.3 kg                  |
| Gross weight:                    | 21 kg                    |
| Shipping volume:                 | 0.063 m <sup>3</sup>     |
| Danish VVS No.:                  | 385910007                |

## 96516485 CRN 1-7 A-P-A-E-HQQE 50 Hz

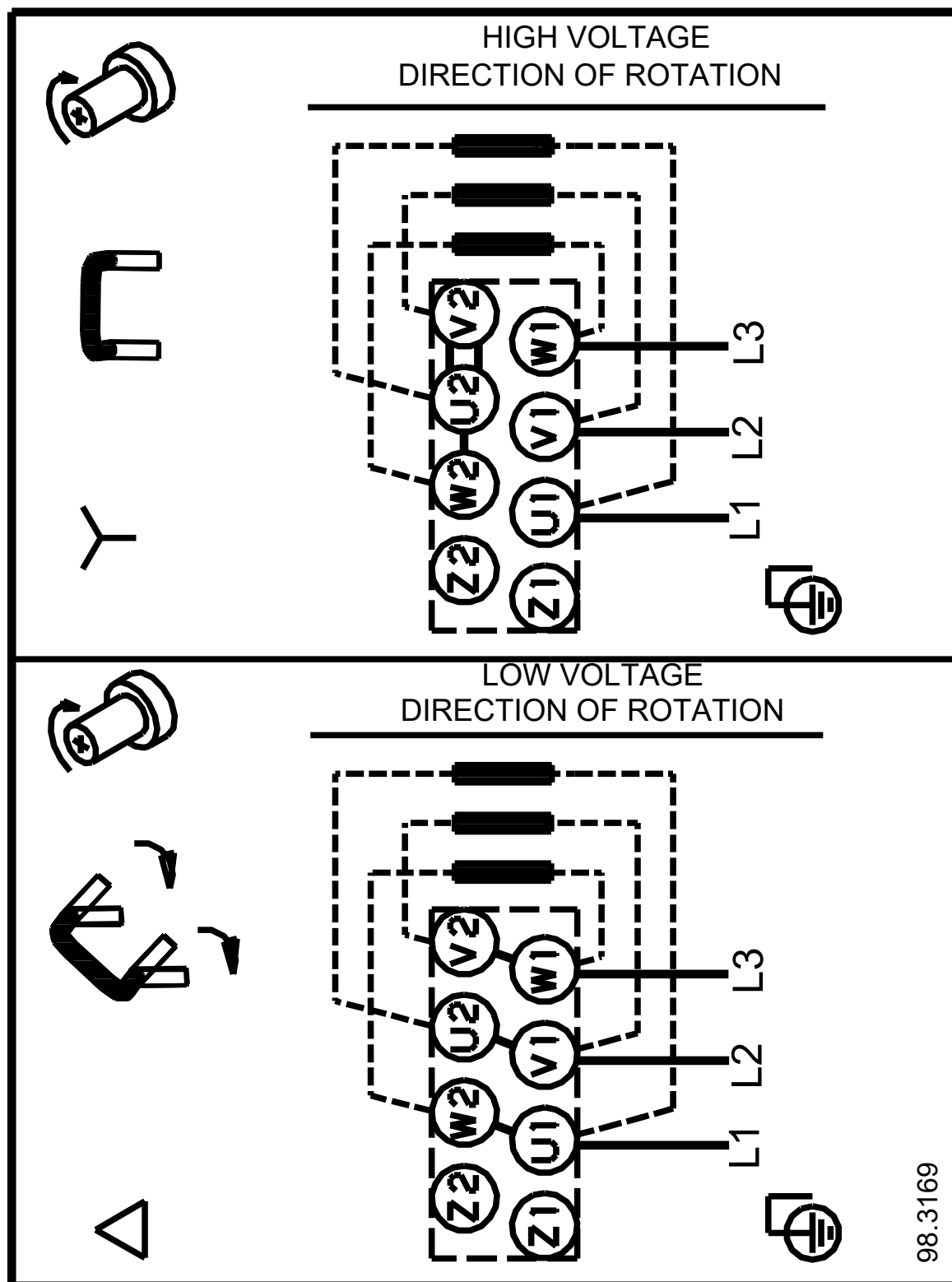


## 96516485 CRN 1-7 A-P-A-E-HQQE 50 Hz



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

## 96516485 CRN 1-7 A-P-A-E-HQQE 50 Hz



98.3169

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