

## CRIE5-22 A-FGJ-I-E-HQQE 3x380-500 60HZ

Grundfos Pump 99072214



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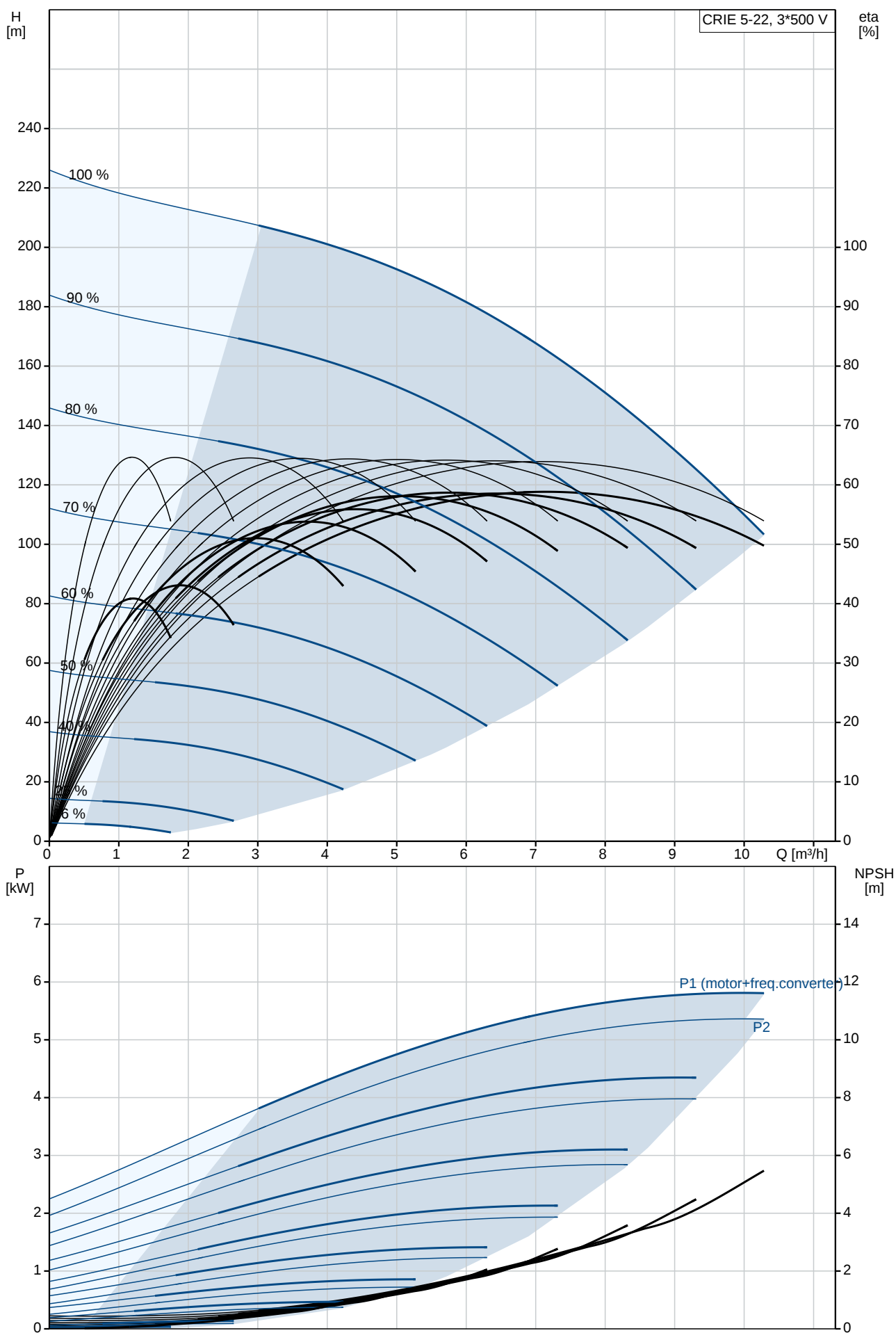
<https://www.lenntech.com/grundfos/CRIE05/99072214/CRIE-5-22-A-FGJ-I-E-HQQE.html>

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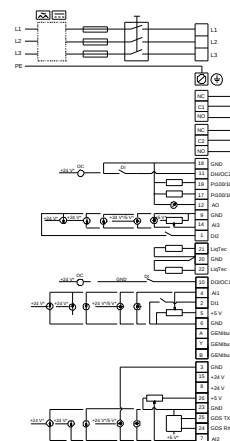
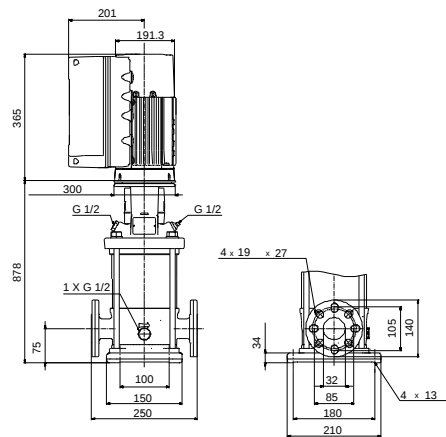
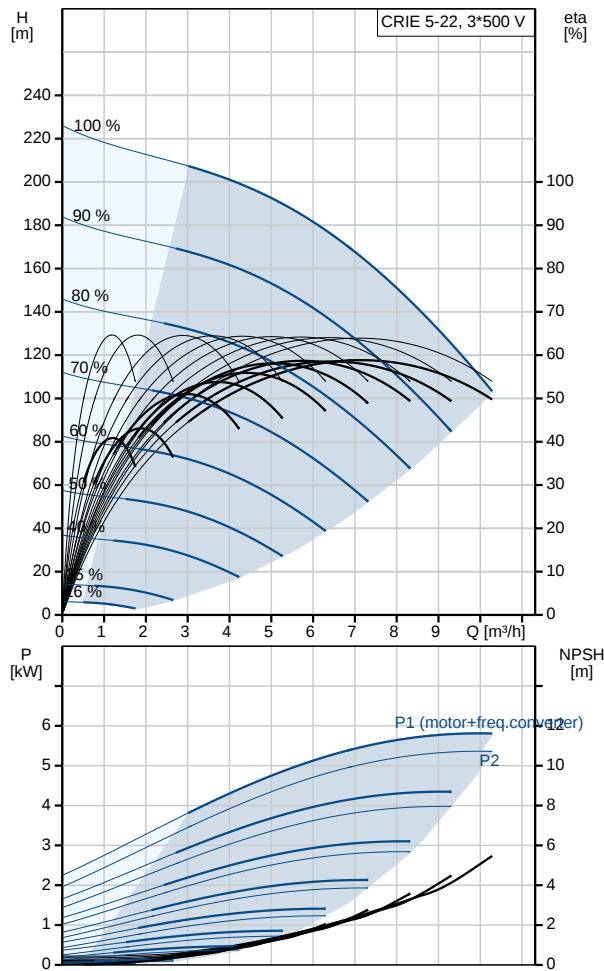
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# 99072214 CRIE 5-22 50 Hz

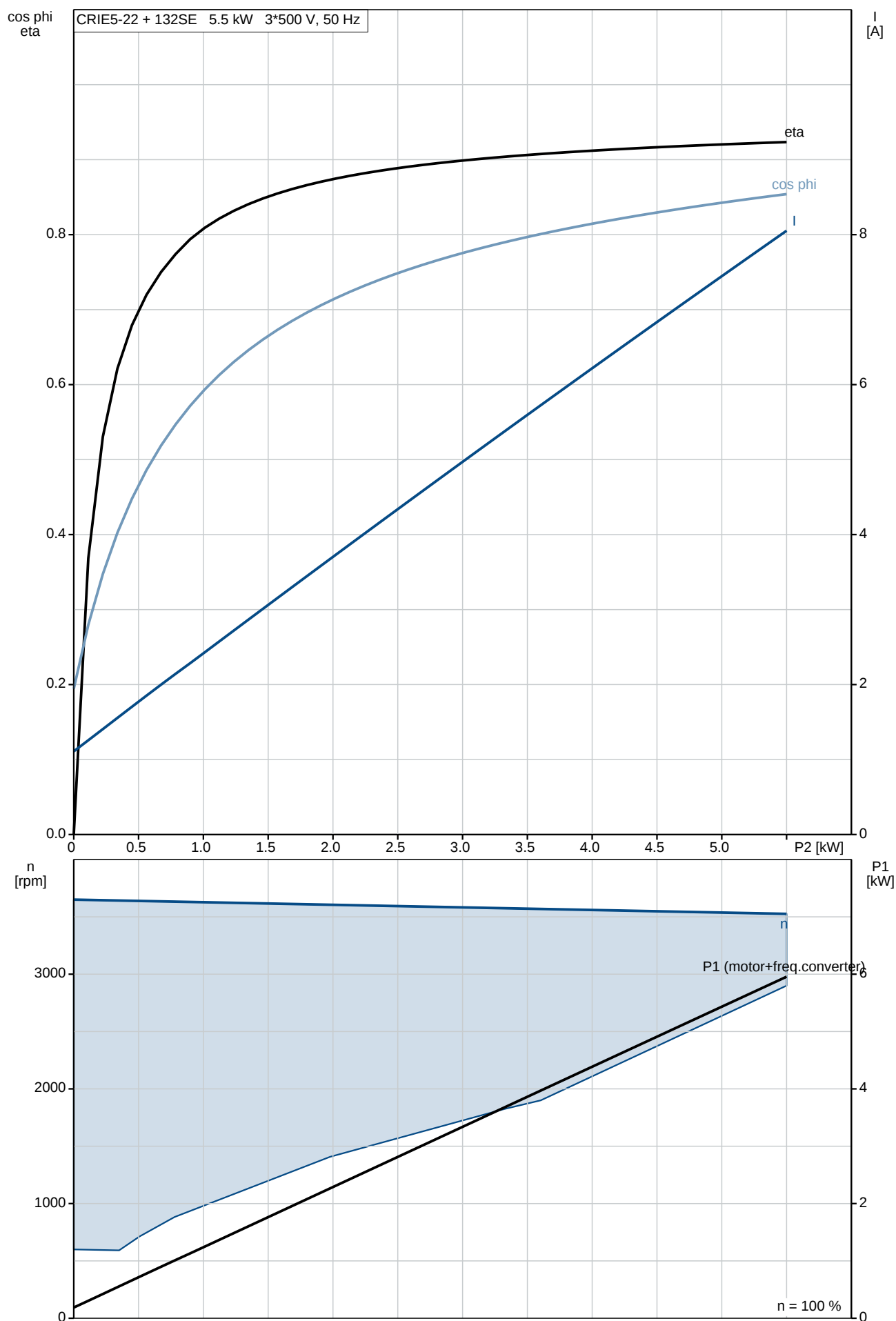


| Description                          | Value                    |
|--------------------------------------|--------------------------|
| <b>General information:</b>          |                          |
| Product name:                        | CRIE 5-22 A-FGJ-I-E-HQQE |
| Product No:                          | 99072214                 |
| EAN number:                          | 5712606206902            |
| <b>Technical:</b>                    |                          |
| Speed for pump data:                 | 3526 rpm                 |
| Rated flow:                          | 6.9 m³/h                 |
| Rated head:                          | 166.6 m                  |
| Stages:                              | 22                       |
| Impellers:                           | 22                       |
| Low NPSH:                            | N                        |
| Pump orientation:                    | Vertical                 |
| Shaft seal arrangement:              | Single                   |
| Code for shaft seal:                 | HQQE                     |
| Approvals on nameplate:              | CE, EAC, ACS             |
| Curve tolerance:                     | ISO9906:2012 3B          |
| Pump version:                        | A                        |
| Model:                               | A                        |
| <b>Materials:</b>                    |                          |
| Base:                                | Stainless steel          |
|                                      | EN 1.4408                |
|                                      | AISI 316                 |
| Impeller:                            | Stainless steel          |
|                                      | EN 1.4301                |
|                                      | AISI 304                 |
| Material code:                       | I                        |
| Code for rubber:                     | E                        |
| Bearing:                             | SIC                      |
| <b>Installation:</b>                 |                          |
| Maximum ambient temperature:         | 50 °C                    |
| Maximum operating pressure:          | 25 bar                   |
| Max pressure at stated temp:         | 25 bar / 120 °C          |
|                                      | 25 bar / -20 °C          |
| Type of connection:                  | DIN / ANSI / JIS         |
| Connect code:                        | FGJ                      |
| Size of inlet connection:            | DN 25/32                 |
|                                      | 1 1/4 inch               |
| Size of outlet connection:           | DN 25/32                 |
|                                      | 1 1/4 inch               |
| Pressure rating for pipe connection: | PN 25                    |
| Flange rating inlet:                 | 300 lb                   |
| Flange size for motor:               | FF265                    |
| <b>Liquid:</b>                       |                          |
| Pumped liquid:                       | Water                    |
| Liquid temperature range:            | -20 .. 120 °C            |
| Liquid temperature during operation: | 20 °C                    |
| Density:                             | 998.2 kg/m³              |
| <b>Electrical data:</b>              |                          |
| Motor standard:                      | IEC                      |
| Motor type:                          | 132SE                    |
| IE Efficiency class:                 | IE5                      |
| Rated power - P2:                    | 5.5 kW                   |
| Power (P2) required by pump:         | 5.5 kW                   |
| Mains frequency:                     | 50 Hz                    |
| Rated voltage:                       | 3 x 380-500 V            |
| Rated current:                       | 10,3-8,20 A              |
| Cos phi - power factor:              | 0,92-0,88                |
| Rated speed:                         | 360-4000 rpm             |
| Efficiency:                          | 92,7%                    |
| Motor efficiency at full load:       | 92.7 %                   |
| Enclosure class (IEC 34-5):          | IP55                     |
| Insulation class (IEC 85):           | F                        |
| Motor protec:                        | YES                      |

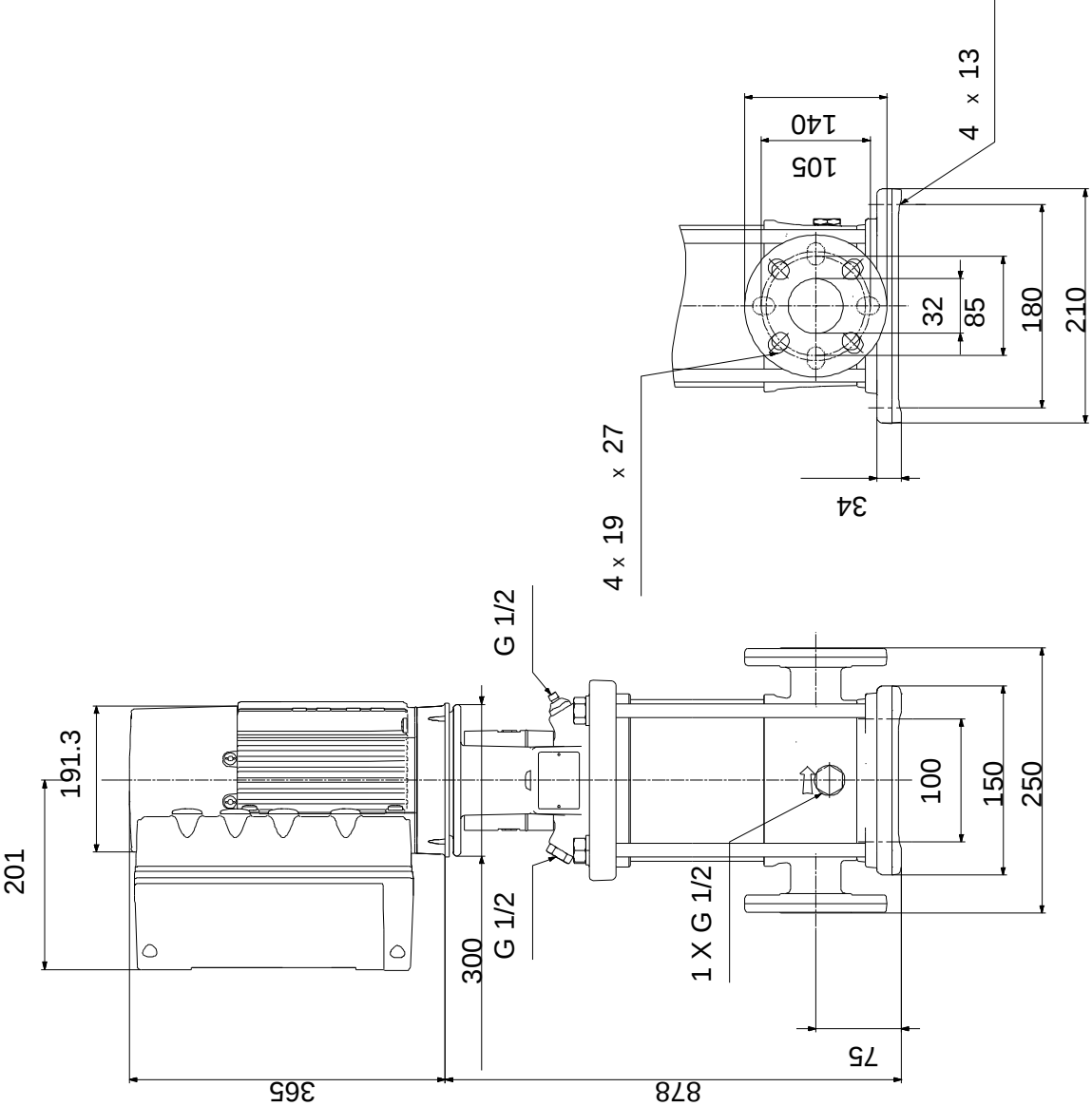


| Description                      | Value                |
|----------------------------------|----------------------|
| Motor No:                        | 98971051             |
| <b>Controls:</b>                 |                      |
| Control panel:                   | Standard             |
| Function Module:                 | FM300 - Advanced     |
| Frequency converter:             | Built-in             |
| Pressure sensor:                 | N                    |
| <b>Others:</b>                   |                      |
| Minimum efficiency index, MEI ≥: | 0.57                 |
| Net weight:                      | 69.6 kg              |
| Gross weight:                    | 96.7 kg              |
| Shipping volume:                 | 0.488 m <sup>3</sup> |

# 99072214 CRIE 5-22 50 Hz

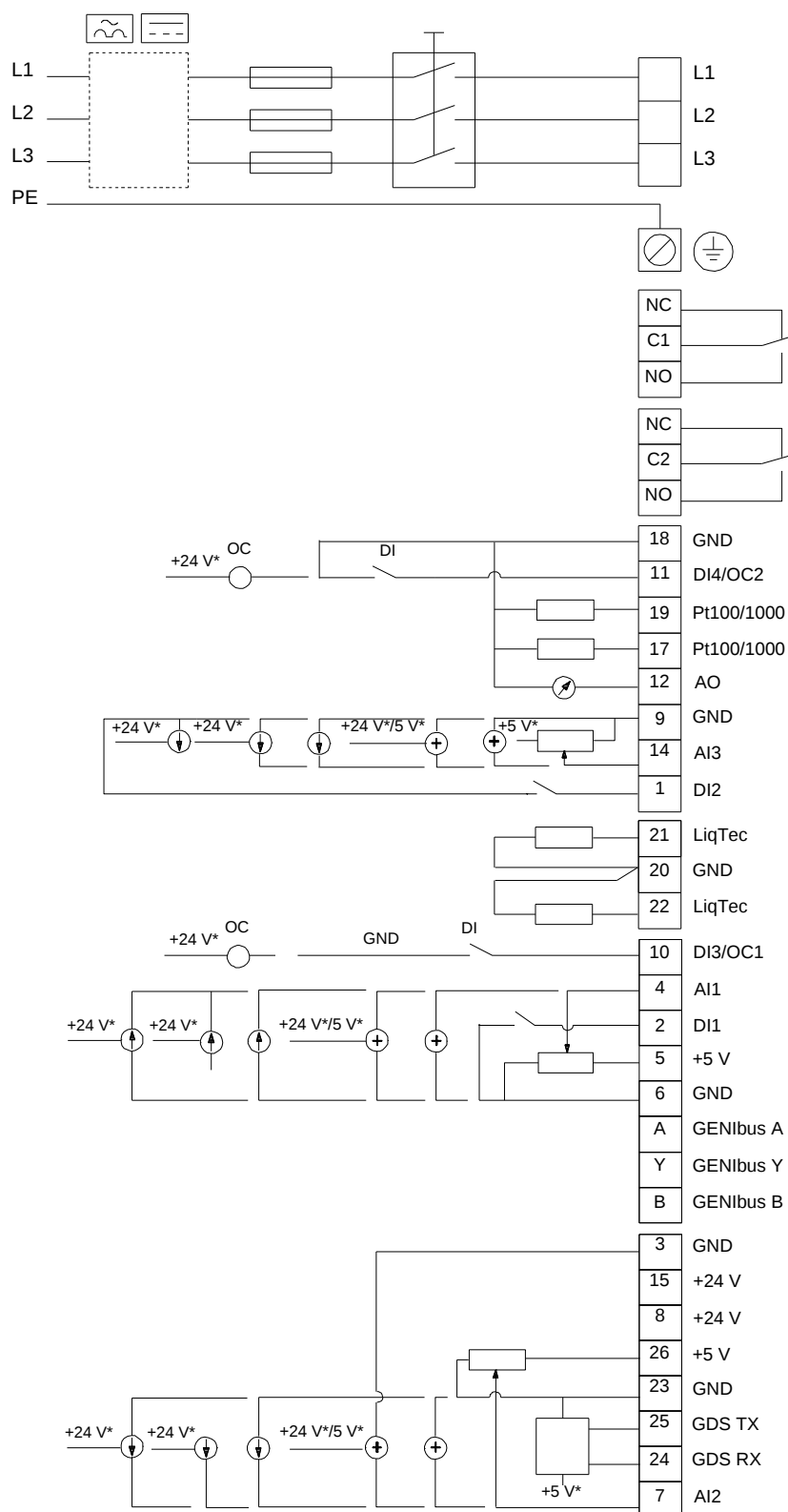


99072214 CRIE 5-22 50 Hz



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

# 99072214 CRIE 5-22 50 Hz



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*Disclaimer: The information about the Grundfos pump in this document may be outdated.  
Data may be subject to alterations without further notice.  
Please contact us to verify the data above is still accurate/up-to-date.*

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