

## Inventflow: Grundfos A-partner

### Grundfos CRN 3-27 A-P-A-E-HQQE

Find the pump here:

<https://inventflow.nl/en/pompenfilter/crn/grundfos-crn-3-27-a-p-a-e-hqqe>

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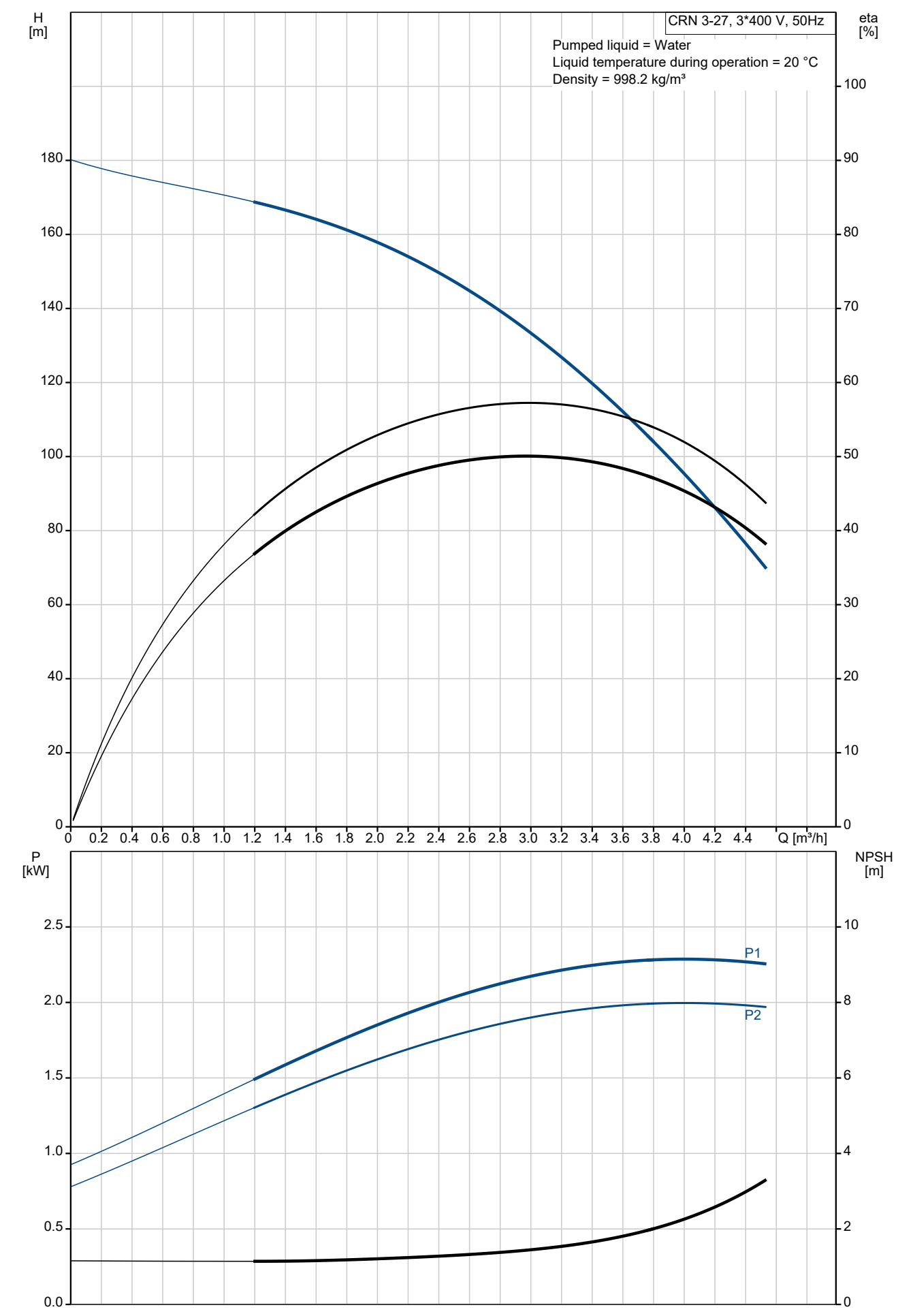
#### Datasheet



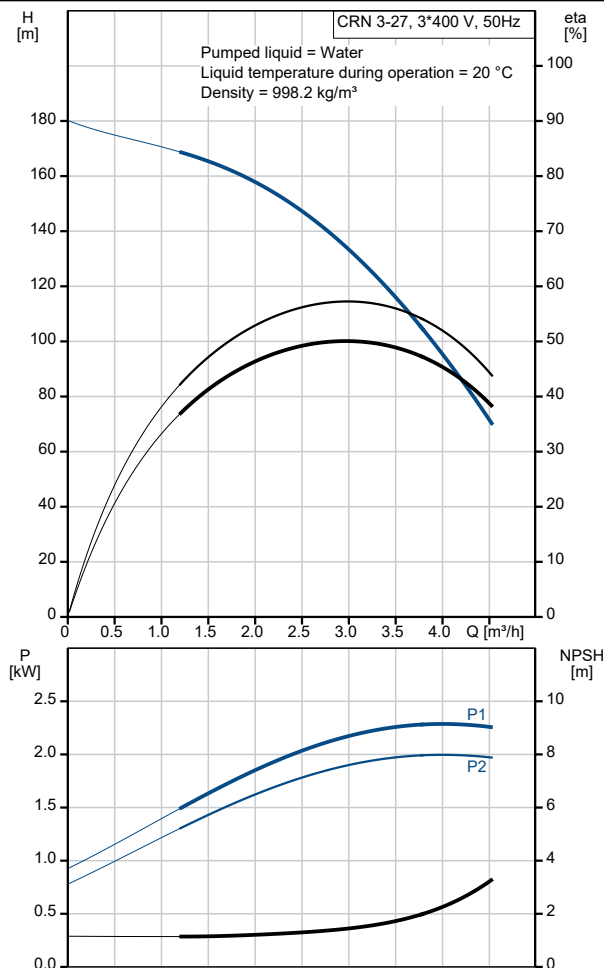
| Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| 1    | <p><b>CRN 3-27 A-P-A-E-HQQE</b></p>  <p>Product No.: <a href="#">96513459</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</li> </ul> <p>Impeller: Stainless steel, EN 1.4401.</p> <ul style="list-style-type: none"> <li>- Pump head cover and base are made of</li> </ul> <p>Pump housing: Stainless steel, EN 1.4408.</p> <ul style="list-style-type: none"> <li>- The shaft seal has assembly length according to EN 12756.</li> <li>- Power transmission is via cast iron split coupling.</li> </ul> <p>Flange standard: - Pipework connection is via PJE flanges/couplings.</p> <p>Phase: The motor is a 3-phase AC motor.</p> <p>Controls:</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/m<sup>3</sup></p> <p>Technical:</p> <p>Pump speed on which pump data are based: 2899 rpm</p> <p>Rated flow: 3 m<sup>3</sup>/h</p> <p>Rated head: 131 m</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Code for shaft seal: HQQE</p> <p>Approvals on nameplate: CE,EAC,UKCA,WRAS,ACS</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</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>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> |

| Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | Size of inlet connection: DN 32<br>Size of outlet connection: DN 32<br>Pressure rating for connection: PN 50<br>Flange size for motor: FT115<br><br>Electrical data:<br>Motor standard: IEC<br>Motor type: 90LE<br>IE Efficiency class: IE3<br>Rated power - P2: 2.2 kW<br>Power (P2) required by pump: 2.2 kW<br>Mains frequency: 50 Hz<br>Rated voltage: 3 x 380-415D V<br>Rated current: 4.65 A<br>Starting current: 840-920 %<br>Cos phi - power factor: 0.86-0.80<br>Rated speed: 2890-2910 rpm<br>Efficiency: IE3 85,9%<br>Motor efficiency at full load: 85.9-85.9 %<br>Motor efficiency at 3/4 load: 88.2 %<br>Motor efficiency at 1/2 load: 88.0 %<br>Number of poles: 2<br>Enclosure class (IEC 34-5): 55 Dust/Jetting<br>Insulation class (IEC 85): F<br>Motor No: 85U11908<br><br>Others:<br>Minimum efficiency index, MEI $\geq$ : 0.70<br>Net weight: 41 kg<br>Gross weight: 43.9 kg<br>Shipping volume: 0.13 m <sup>3</sup><br>Country of origin: HU<br>Custom tariff no.: 84137075 |

96513459 CRN 3-27 A-P-A-E-HQQE 50 Hz

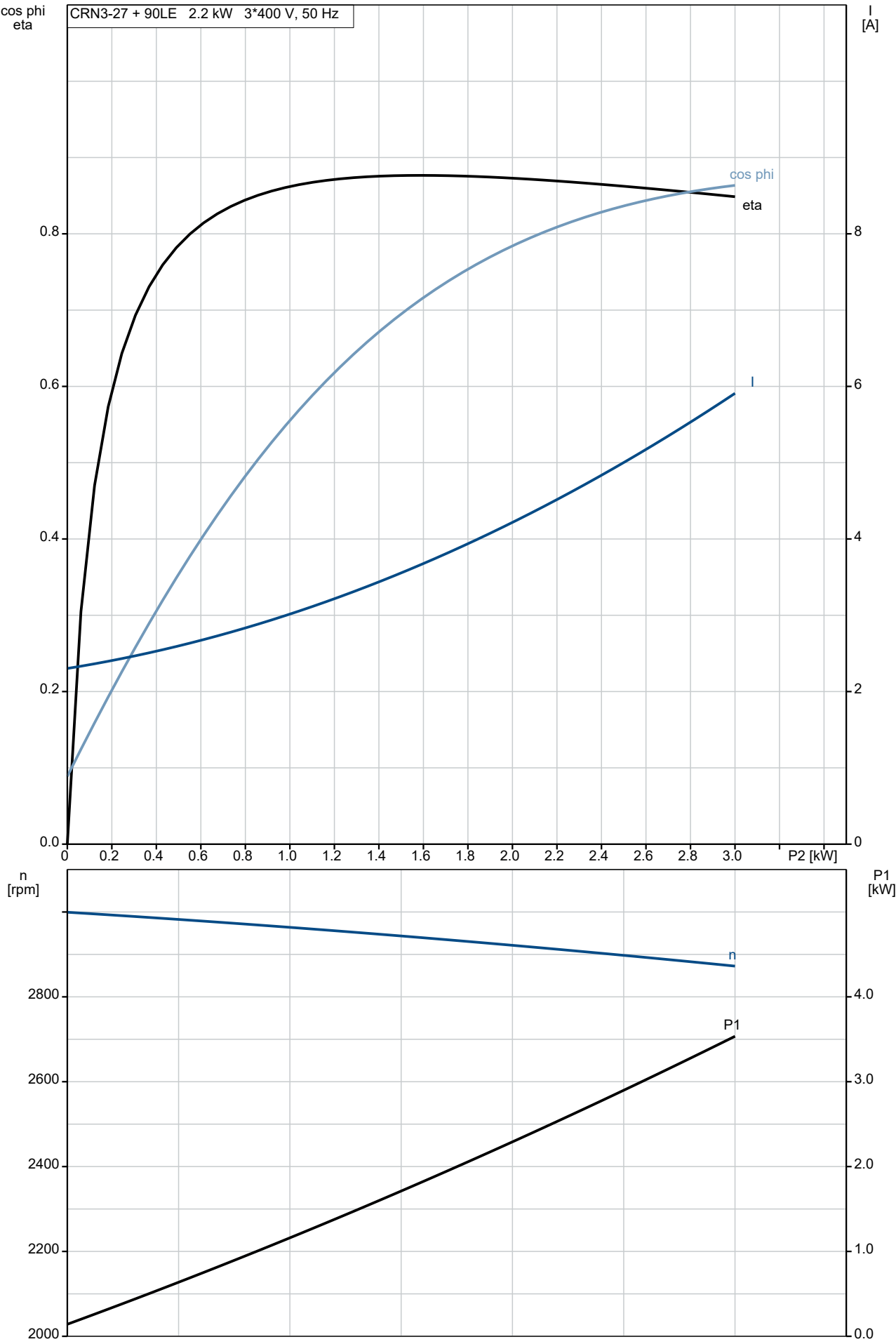


| Description                              | Value                    |
|------------------------------------------|--------------------------|
| <b>General information:</b>              |                          |
| Product name:                            | CRN 3-27<br>A-P-A-E-HQQE |
| Product No:                              | 96513459                 |
| EAN number:                              | 5700396643359            |
| <b>Technical:</b>                        |                          |
| Pump speed on which pump data are based: | 2899 rpm                 |
| Rated flow:                              | 3 m³/h                   |
| Rated head:                              | 131 m                    |
| Maximum head:                            | 179 m                    |
| Stages:                                  | 27                       |
| Impellers:                               | 27                       |
| Number of reduced-diameter impellers:    | 0                        |
| Low NPSH:                                | N                        |
| Pump orientation:                        | Vertical                 |
| Shaft seal arrangement:                  | Single                   |
| Code for shaft seal:                     | HQQE                     |
| Approvals on nameplate:                  | CE,EAC,UKCA,WRAS,A<br>CS |
| Curve tolerance:                         | ISO9906:2012 3B          |
| Pump version:                            | A                        |
| Model:                                   | A                        |
| <b>Materials:</b>                        |                          |
| Base:                                    | Stainless steel          |
| Base:                                    | EN 1.4408                |
| Base:                                    | AISI 316                 |
| Impeller:                                | Stainless steel          |
| Impeller:                                | EN 1.4401                |
| Impeller:                                | AISI 316                 |
| Material code:                           | 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          |
| Max pressure at stated temp:             | 25 bar / -20 °C          |
| Type of connection:                      | PJE                      |
| Size of inlet connection:                | DN 32                    |
| Size of outlet connection:               | DN 32                    |
| Pressure rating for connection:          | PN 50                    |
| Flange size for motor:                   | FT115                    |
| Connect code:                            | P                        |
| <b>Liquid:</b>                           |                          |
| Pumped liquid:                           | Water                    |
| Liquid temperature range:                | -20 .. 120 °C            |
| Selected liquid temperature:             | 20 °C                    |
| Density:                                 | 998.2 kg/m³              |
| <b>Electrical data:</b>                  |                          |
| Motor standard:                          | IEC                      |
| Motor type:                              | 90LE                     |
| IE Efficiency class:                     | IE3                      |
| Rated power - P2:                        | 2.2 kW                   |
| Power (P2) required by pump:             | 2.2 kW                   |
| Mains frequency:                         | 50 Hz                    |
| Rated voltage:                           | 3 x 380-415D V           |
| Rated current:                           | 4.65 A                   |
| Starting current:                        | 840-920 %                |
| Cos phi - power factor:                  | 0.86-0.80                |
| Rated speed:                             | 2890-2910 rpm            |
| Efficiency:                              | IE3 85,9%                |
| Motor efficiency at full load:           | 85.9-85.9 %              |
| Motor efficiency at 3/4 load:            | 88.2 %                   |
| Motor efficiency at 1/2 load:            | 88.0 %                   |

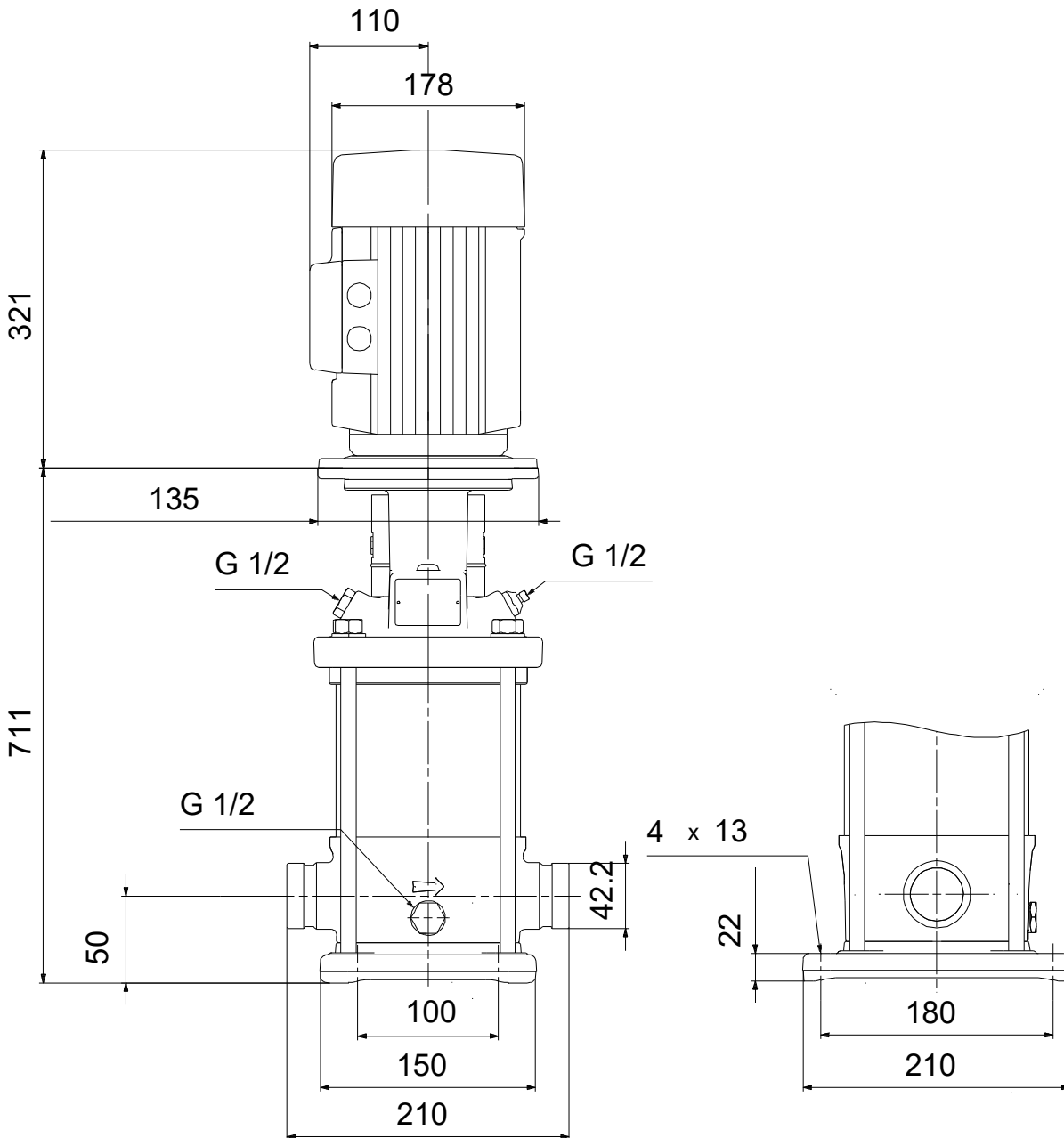


| Description                      | Value               |
|----------------------------------|---------------------|
| Number of poles:                 | 2                   |
| Enclosure class (IEC 34-5):      | 55 Dust/Jetting     |
| Insulation class (IEC 85):       | F                   |
| Motor protec:                    | NONE                |
| Motor No:                        | 85U11908            |
| <b>Controls:</b>                 |                     |
| Frequency converter:             | NONE                |
| <b>Others:</b>                   |                     |
| Minimum efficiency index, MEI ≥: | 0.70                |
| Net weight:                      | 41 kg               |
| Gross weight:                    | 43.9 kg             |
| Shipping volume:                 | 0.13 m <sup>3</sup> |
| Country of origin:               | HU                  |
| Custom tariff no.:               | 84137075            |

96513459 CRN 3-27 A-P-A-E-HQQE 50 Hz



**96513459 CRN 3-27 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.

**Spare parts CRN 3-27, Product No. 96513459**  
**Produced After 1944 (production year and week number)**

| Pos   | Omschrijving              | Opmerking tekst | Classificatie Gegevens        | Onderdeelnr. | Aanta | Eenhei |
|-------|---------------------------|-----------------|-------------------------------|--------------|-------|--------|
| - 80  | Kit, chamber stack        |                 | Bearing type: SILICON CARBIDE | 96453570     | 1     | pcs    |
| - 4a  | Chamber w. bearing cpl.   |                 |                               |              | 3     |        |
|       | Vane                      |                 |                               |              | 1     |        |
|       | Retainer                  |                 |                               |              | 1     |        |
|       | Guide vane                |                 |                               |              | 6     |        |
| 4a    | Intermediate chamber      |                 |                               |              | 1     |        |
| 45    | Neck ring                 |                 |                               |              | 1     |        |
| 47    | Bearing bush              |                 |                               |              | 1     |        |
| 65    | Retainer for seal ring    |                 |                               |              | 1     |        |
| 65    | Neck ring retainer        |                 |                               |              | 1     |        |
| - 4   | Chamber cpl.              |                 |                               |              | 23    |        |
| 4a    | Intermediate chamber      |                 |                               |              | 1     |        |
| 45    | Neck ring                 |                 |                               |              | 1     |        |
| 65    | Neck ring retainer        |                 |                               |              | 1     |        |
| - 5a  | Chamber cpl.              |                 |                               |              | 1     |        |
|       | Vane                      |                 |                               |              | 1     |        |
| 4a    | Intermediate chamber      |                 |                               |              | 1     |        |
| 45    | Neck ring                 |                 |                               |              | 1     |        |
| 65    | Retainer for seal ring    |                 |                               |              | 1     |        |
| 65    | Neck ring retainer        |                 |                               |              | 1     |        |
| - 44a | Guide vane cpl.           |                 |                               |              | 1     |        |
|       | Plate                     |                 |                               |              | 1     |        |
|       | Guide vane                |                 |                               |              | 6     |        |
| 50    | Top plate                 |                 |                               |              | 1     |        |
| 47a   | Bearing ring              |                 |                               |              | 3     |        |
| 49    | Impeller cpl.             |                 |                               |              | 27    |        |
| - 51  | Shaft, spline, cpl.       |                 |                               |              | 1     |        |
|       | Shaft                     |                 |                               |              | 1     |        |
| 69    | Stop ring                 |                 |                               |              | 1     |        |
| 64d   | Spacing pipe              |                 | Internal diameter: 12,85      |              | 3     |        |
|       |                           |                 | Outer diameter: 15,85         |              |       |        |
|       |                           |                 | Length (mm): 4,50             |              |       |        |
| 64c   | Clamp, splined            |                 | Internal diameter: 8,5        |              | 1     |        |
|       |                           |                 | Outer diameter: 15            |              |       |        |
| 64a   | Spacing pipe              |                 |                               |              | 23    |        |
| 66    | Wedge lock washer         |                 |                               |              | 1     |        |
| 67    | Lock nut                  |                 | Thread: M8                    |              | 1     |        |
| -     | Kit, coupling             |                 |                               | 00415062     | 1     | pcs    |
| 9     | Hex socket head cap screw |                 | Designation: DIN 912          |              | 4     |        |
|       |                           |                 | Length (mm): 25               |              |       |        |
|       |                           |                 | Thread: M8                    |              |       |        |
| 10a   | Coupling half             |                 |                               |              | 2     |        |
| 10    | Shaft pin                 |                 | Diameter: 5                   |              | 1     |        |
|       |                           |                 | Length (mm): 26               |              |       |        |
| -     | Kit, coupling guard       |                 |                               | 96505131     | 1     | pcs    |
| 7a    | Combi Slot Torx screw     |                 |                               |              | 4     |        |
| 7     | Coupling guard            |                 |                               |              | 2     |        |
| -     | Kit, gaskets              |                 |                               | 96455090     | 1     | pcs    |
| 37    | O-ring                    |                 |                               |              | 2     |        |
| 38    | O-ring                    |                 |                               |              | 1     |        |
| 38    | O-ring                    |                 |                               |              | 2     |        |
| 109   | O-ring                    |                 | Diameter: 22,00               |              | 1     |        |
|       |                           |                 | Material type: EPDM           |              |       |        |
|       |                           |                 | Thickness: 2,75               |              |       |        |
| -     | Kit, plug                 |                 |                               | 96505133     | 1     | pcs    |
| - 18  | Air vent screw            |                 |                               |              | 1     |        |
|       | Spindle                   |                 |                               |              | 1     |        |
|       | Plug                      |                 |                               |              | 1     |        |

| Pos   | Omschrijving              | Opmerking tekst | Classificatie | Gegevens                       | Onderdeelnr. | Aanta | Eenhei |
|-------|---------------------------|-----------------|---------------|--------------------------------|--------------|-------|--------|
| 23b   | Spindle                   |                 |               |                                |              | 1     |        |
| 25    | Plug                      |                 |               |                                |              | 1     |        |
| 25    | Plug                      |                 |               |                                |              | 1     |        |
| 38    | O-ring                    |                 |               |                                |              | 1     |        |
| 38    | O-ring                    |                 |               |                                |              | 2     |        |
| 38    | O-ring                    |                 |               | Diameter: 16,3                 |              | 1     |        |
|       |                           |                 |               | Material type: FKM             |              |       |        |
|       |                           |                 |               | Thickness: 2,4                 |              |       |        |
| 38    | O-ring                    |                 |               | Diameter: 16,3                 |              | 2     |        |
|       |                           |                 |               | Material type: FKM             |              |       |        |
|       |                           |                 |               | Thickness: 2,4                 |              |       |        |
| -     | Kit, shaft seal HQQE      |                 |               |                                | 96455086     | 1     | pcs    |
| 105   | Shaft seal                |                 |               | Material type: HQQE            |              | 1     |        |
| -     | Kit, wear parts           |                 |               | Material type: SILICON CARBIDE | 96455093     | 1     | pcs    |
| - 4a  | Chamber w. bearing cpl.   |                 |               |                                |              | 3     |        |
|       | Vane                      |                 |               |                                |              | 1     |        |
|       | Retainer                  |                 |               |                                |              | 1     |        |
|       | Guide vane                |                 |               |                                |              | 6     |        |
| 4a    | Intermediate chamber      |                 |               |                                |              | 1     |        |
| 45    | Neck ring                 |                 |               |                                |              | 1     |        |
| 47    | Bearing bush              |                 |               |                                |              | 1     |        |
| 65    | Retainer for seal ring    |                 |               |                                |              | 1     |        |
| 65    | Neck ring retainer        |                 |               |                                |              | 1     |        |
| 45    | Neck ring                 |                 |               |                                |              | 24    |        |
| 47a   | Bearing ring              |                 |               |                                |              | 3     |        |
| 64d   | Spacing pipe              |                 |               | Internal diameter: 12,85       |              | 3     |        |
|       |                           |                 |               | Outer diameter: 15,85          |              |       |        |
|       |                           |                 |               | Length (mm): 4,50              |              |       |        |
| 64c   | Clamp, splined            |                 |               | Internal diameter: 8,5         |              | 1     |        |
|       |                           |                 |               | Outer diameter: 15             |              |       |        |
| 65    | Neck ring retainer        |                 |               |                                |              | 24    |        |
| 66    | Wedge lock washer         |                 |               |                                |              | 1     |        |
| 67    | Lock nut                  |                 |               | Thread: M8                     |              | 1     |        |
| 441b  | Gasket                    |                 |               |                                |              | 2     |        |
| 1a    | Pump head                 |                 |               |                                | 98906053     | 1     | pcs    |
| 2     | Pump cover                |                 |               |                                | 96588244     | 1     | pcs    |
| - 4a  | Chamber w. bearing cpl.   |                 |               |                                | 97690603     | 3     | pcs    |
| 65    | Retainer for seal ring    |                 |               |                                | 99812852     | 1     |        |
| 4a    | Chamber w. bearing cpl.   |                 |               |                                | 98371226     | 3     | pcs    |
| - 4   | Chamber cpl.              |                 |               |                                | 97690021     | 23    | pcs    |
| 45    | Neck ring                 |                 |               |                                | 96536194     | 1     |        |
| 65    | Neck ring retainer        |                 |               |                                | 99490745     | 1     |        |
| 65    | Neck ring retainer        |                 |               |                                | 99490747     | 1     |        |
| 4     | Chamber cpl.              |                 |               |                                | 96547663     | 23    | pcs    |
| 4     | Chamber cpl.              |                 |               |                                | 98371223     | 23    | pcs    |
| 5a    | Chamber cpl.              |                 |               |                                | 98371222     | 1     | pcs    |
| 5a    | Chamber cpl.              |                 |               |                                | 97564654     | 1     | pcs    |
| 6     | Base                      |                 |               |                                | 96588139     | 1     | pcs    |
| 7.a   | Combi Slot Torx screw     |                 |               |                                | 96886324     | 4     | pcs    |
| 7     | Coupling guard            |                 |               |                                | 96603690     | 2     | pcs    |
| 10    | Shaft pin                 |                 |               | Diameter: 5                    | 96536473     | 1     | pcs    |
|       |                           |                 |               | Length (mm): 26                |              |       |        |
| 10    | Shaft pin                 |                 |               | Diameter: 5                    | 96587588     | 1     | pcs    |
|       |                           |                 |               | Length (mm): 26                |              |       |        |
| 18    | Air vent screw            |                 |               |                                | 96547461     | 1     | pcs    |
| 18    | Air vent screw            |                 |               |                                | 95061351     | 1     | pcs    |
| - 25a | Drain plug w/bypass valve |                 |               |                                | 96588243     | 1     | pcs    |
| 38    | O-ring                    |                 |               |                                | 99198815     | 1     |        |
| 38    | O-ring                    |                 |               |                                | 99412727     | 1     |        |
| 25    | Plug                      |                 |               |                                | 96536013     | 1     | pcs    |
| 26    | Staybolt                  |                 |               | Length (mm): 587               | 98967012     | 4     | pcs    |
|       |                           |                 |               | Thread: M12                    |              |       |        |

| Pos       | Omschrijving                  | Opmerking tekst | Classificatie Gegevens                                                                   | Onderdeelnr. | Aanta | Eenhei |
|-----------|-------------------------------|-----------------|------------------------------------------------------------------------------------------|--------------|-------|--------|
| 28        | Hex head screw                |                 | Length (mm): 20<br>Thread: M8                                                            | 99932722     | 4     | pcs    |
| 32        | Washer                        |                 | Designation: DIN 125 A2<br>Internal diameter: 13<br>Outer diameter: 24<br>Thickness: 2,5 | 99944263     | 4     | pcs    |
| 37        | O-ring                        |                 |                                                                                          | 96547656     | 2     | pcs    |
| 38        | O-ring                        |                 |                                                                                          | 99198815     | 2     | pcs    |
| 38        | O-ring                        |                 |                                                                                          | 99412727     | 2     | pcs    |
| 44a       | Guide vane cpl.               |                 |                                                                                          | 98928568     | 1     | pcs    |
| 47a       | Bearing ring                  |                 |                                                                                          | 97905743     | 3     | pcs    |
| 47a       | Bearing ring                  |                 |                                                                                          | 96547649     | 3     | pcs    |
| 49        | Impeller cpl.                 |                 |                                                                                          | 98271529     | 27    | pcs    |
| 49        | Impeller cpl.                 |                 |                                                                                          | 96547601     | 27    | pcs    |
| 49        | Impeller cpl.                 |                 |                                                                                          | 98394417     | 27    | pcs    |
| 51        | Shaft, spline, cpl.           |                 |                                                                                          | 98368524     | 1     | pcs    |
| 55        | Outer sleeve                  |                 |                                                                                          | 98811276     | 1     | pcs    |
| 56        | Base plate                    |                 |                                                                                          | 96588142     | 1     | pcs    |
| 60        | Formed wire spring            |                 |                                                                                          | 99935918     | 1     | pcs    |
| 64c       | Clamp, splined                |                 | Internal diameter: 8,5<br>Outer diameter: 15                                             | 98496968     | 1     | pcs    |
| 64a       | Spacing pipe                  |                 |                                                                                          | 96536198     | 23    | pcs    |
| 66        | Wedge lock washer             |                 |                                                                                          | 96536157     | 1     | pcs    |
| 66        | Wedge lock washer             |                 |                                                                                          | 92575609     | 1     | pcs    |
| 67        | Lock nut                      |                 | Thread: M8                                                                               | 98277008     | 1     | pcs    |
| 105       | Shaft seal                    |                 | Material type: HQQE                                                                      | 96983415     | 1     | pcs    |
| - 2099    | Motor                         |                 |                                                                                          | 99606494     | 1     | pcs    |
| -         | Kit, bearing cpl.             |                 |                                                                                          | 96279794     | 1     |        |
| 111       | Ball bearing                  |                 |                                                                                          |              |       | 1      |
| 154       | Ball bearing                  |                 |                                                                                          |              |       | 1      |
| 157       | O-ring                        |                 | Diameter: 52<br>Material type: NBR<br>Thickness: 3                                       |              |       | 1      |
| 158       | Waved washer                  |                 |                                                                                          |              |       | 1      |
| 187       | Retaining ring                |                 |                                                                                          |              |       | 1      |
| 188       | Retaining ring                |                 |                                                                                          |              |       | 1      |
| -         | Kit, end shield               |                 |                                                                                          | 96279789     | 1     |        |
| 156a      | End shield                    |                 |                                                                                          |              |       | 1      |
| 157a      | Gasket                        |                 | Internal diameter: 141,2<br>Outer diameter: 145,5<br>Thickness: 0,2                      |              |       | 1      |
| 157       | O-ring                        |                 | Diameter: 52<br>Material type: NBR<br>Thickness: 3                                       |              |       | 1      |
| 158       | Waved washer                  |                 |                                                                                          |              |       | 1      |
| 159a      | Seal ring                     |                 |                                                                                          |              |       | 1      |
| -         | Kit, fan                      |                 |                                                                                          | 96279757     | 1     |        |
| 156       | Fan                           |                 |                                                                                          |              |       | 1      |
| 159a      | Seal ring                     |                 |                                                                                          |              |       | 1      |
| -         | Kit, fan cover                |                 |                                                                                          | 96279755     | 1     |        |
| 151       | Fan cover                     |                 |                                                                                          |              |       | 1      |
| 152       | Pan head thread forming screw |                 |                                                                                          |              |       | 4      |
| -         | Kit, flange                   |                 |                                                                                          | 96279777     | 1     |        |
| 156b      | Flange                        |                 |                                                                                          |              |       | 1      |
| 159.<br>c | Seal ring                     |                 |                                                                                          |              |       | 1      |
| 184       | Gasket                        |                 | Internal diameter: 141,2<br>Outer diameter: 145,5<br>Thickness: 0,2                      |              |       | 1      |

| Pos  | Omschrijving                  | Opmerking tekst | Classificatie | Gegevens                    | Onderdeelnr. | Aanta | Eenhei |
|------|-------------------------------|-----------------|---------------|-----------------------------|--------------|-------|--------|
| 186  | Drain plug                    |                 |               |                             |              |       | 3      |
| -    | Kit, retaining ring           |                 |               |                             | 96279798     | 1     |        |
| 187  | Retaining ring                |                 |               |                             |              |       | 1      |
| 188  | Retaining ring                |                 |               |                             |              |       | 1      |
| -    | Kit, shaft seal               |                 |               |                             | 96279761     | 1     |        |
| 159c | Seal ring                     |                 |               |                             |              |       | 1      |
| 159a | Seal ring                     |                 |               |                             |              |       | 1      |
| -    | Kit, staybolts                |                 |               |                             | 96279792     | 1     |        |
| 181  | Pan head staybolt             |                 |               |                             |              |       | 4      |
| -    | Kit, terminal board           |                 |               |                             | 96279769     | 1     |        |
|      | Bracket cpl.                  |                 |               |                             |              |       | 1      |
| 163  | Hex socket head screw         |                 |               |                             |              |       | 1      |
| 173a | Base                          |                 |               |                             |              |       | 1      |
| 173  | Pan head thread forming screw |                 |               | Designation: COMBI TORX T25 |              |       | 1      |
| 176  | Slot cheese head screw        |                 |               | Designation: COMBI TORX T25 |              |       | 6      |
|      |                               |                 |               | Length (mm): 10             |              |       |        |
|      |                               |                 |               | Thread: M5                  |              |       |        |
| 176  | Terminal                      |                 |               |                             |              |       | 1      |
| 176  | Connecting piece              |                 |               |                             |              |       | 3      |
| 176  | Wire clamp                    |                 |               |                             |              |       | 3      |
| 176  | Terminal board                |                 |               |                             |              |       | 1      |
| 177  | Pan head screw                |                 |               |                             |              |       | 1      |
| -    | Kit, terminal box             |                 |               |                             | 96279771     | 1     |        |
| 164  | Terminal box cover w/gasket   |                 |               |                             |              |       | 1      |
| 166  | Pan head thread forming screw |                 |               |                             |              |       | 4      |