

## Inventflow: Grundfos A-partner

### Grundfos NBE 32-160.1/169 AF2ABQQE

Bekijk de pomp hier:

<https://inventflow.nl/nl/pompenfilter/nbe/grundfos-nbe-32-160-1-169-af2abqqe>

#### Contact

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+31 (0) 546 45 80 72

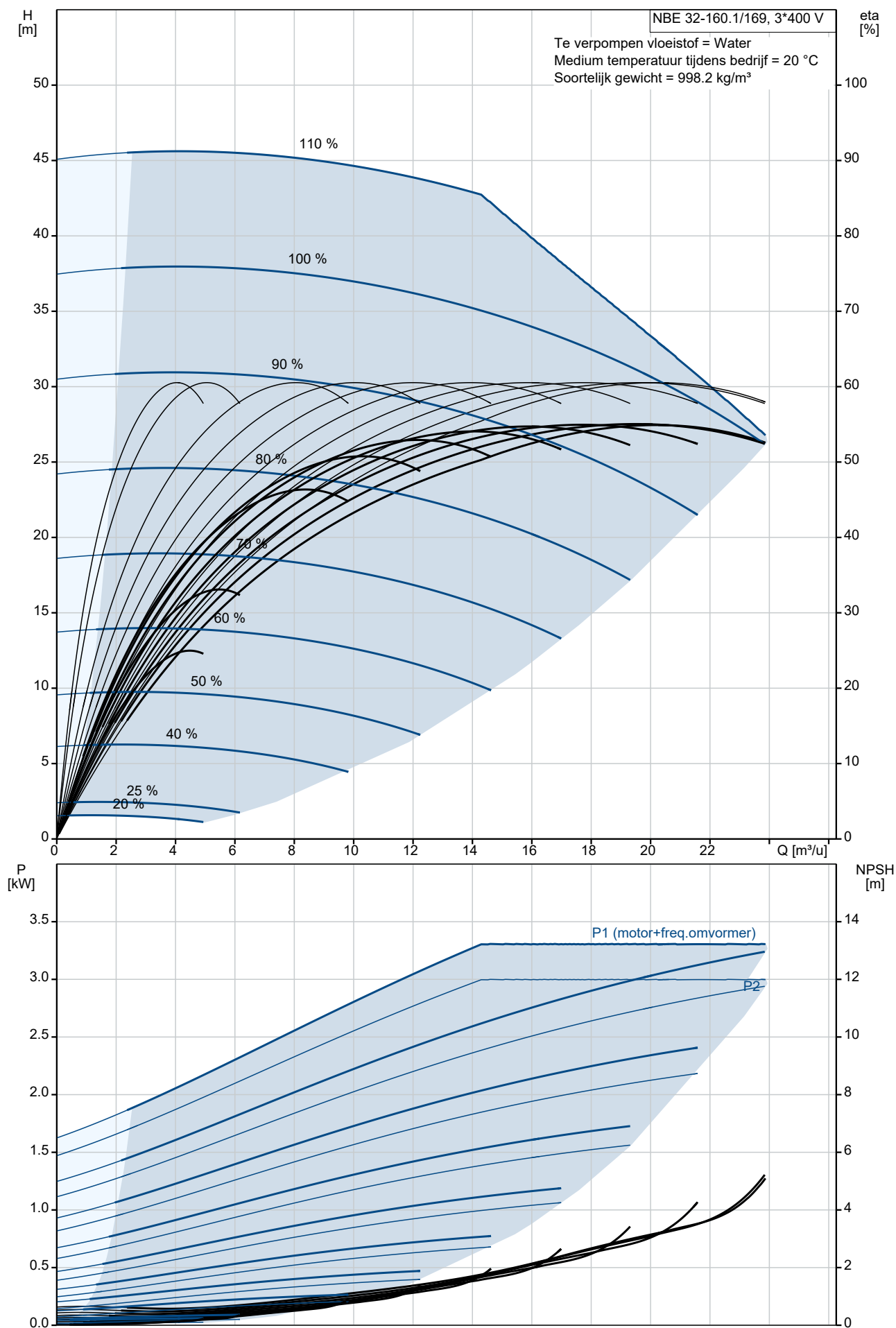
#### Datablad



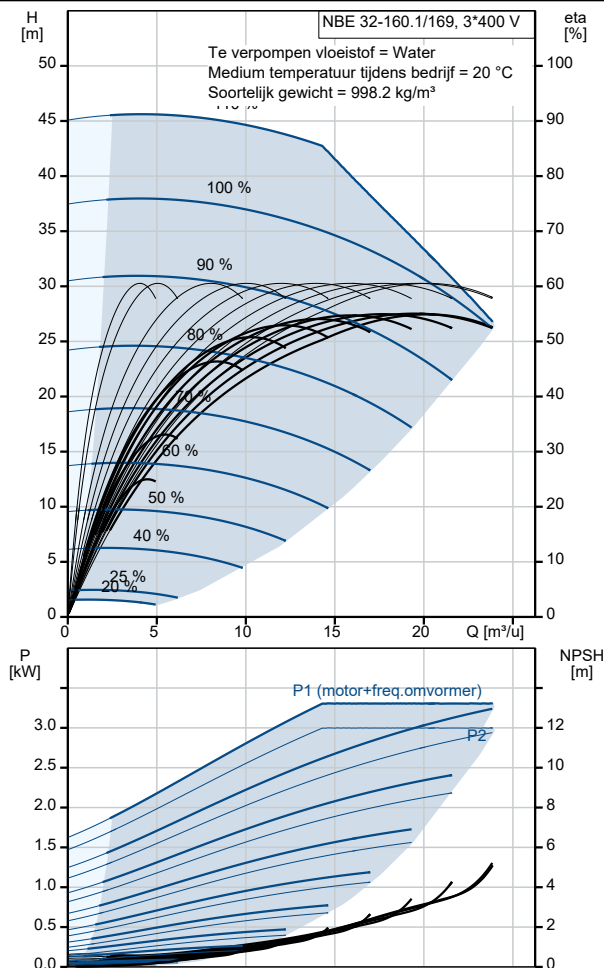
| Aantal                                           | Omschrijving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
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| 1                                                | <p><b>NBE 32-160.1/169 AF2ABQQE</b></p>  <p>Opm. De foto kan afwijken van het eigenlijke product</p> <p>Artikelnr.: <a href="#">99105452</a></p> <p>Niet zelfaanzuigende, eentraps centrifugaalpomp, ontworpen conform ISO 5199 met afmetingen en nominale prestaties conform EN 733 (10 bar). Flenzen zijn PN 16 met afmetingen overeenkomstig EN 1092-2. De pomp is voorzien van een axiale zuigpoort, radiale perspoort, horizontale as en een back pull-out design, waardoor het verwijderen van motor, motorstoel, deksel en waaier mogelijk is zonder de pompbehuizing of leidingwerk te verstoren.</p> <p>De niet gebalanceerde rubberen balg is conform DIN EN 12756.</p> <p>De pomp is gekoppeld aan een ventilator gekoelde synchrone motor met permanente magneet.</p> <p>De motor omvat een frequentieregelaar en PI-regelaar in de motorklemmenkast. Hierdoor is een continu variabele regeling van het motortoerental mogelijk, hetgeen aanpassing van de prestaties op een bepaalde vereiste mogelijk maakt.</p> <p>Regeling:</p> <table> <tr> <td>Frequency converter:</td><td>Geïntegreerd</td></tr> <tr> <td>Druksensor:</td><td>N</td></tr> </table> <p>Vloeistof:</p> <table> <tr> <td>Te verpompen medium:</td><td>Water</td></tr> <tr> <td>Bereik vloeistoftemperatuur:</td><td>-25 .. 120 °C</td></tr> <tr> <td>Medium temperatuur tijdens bedrijf:</td><td>20 °C</td></tr> <tr> <td>Dichtheid:</td><td>998.2 kg/m<sup>3</sup></td></tr> </table> <p>Technisch:</p> <table> <tr> <td>Toerental waarop de pompgegevens zijn gebaseerd:</td><td>2901 omw/min</td></tr> <tr> <td>Nominaal debiet:</td><td>20.41 m<sup>3</sup>/u</td></tr> <tr> <td>Nominale opvoerhoogte:</td><td>31.92 m</td></tr> <tr> <td>Werkelijke waaierdiameter:</td><td>169 mm</td></tr> <tr> <td>Nominale waaierdiameter:</td><td>160.1</td></tr> <tr> <td>Asafdichting arrangement:</td><td>Enkel</td></tr> <tr> <td>Code voor asafdichting:</td><td>BQQE</td></tr> <tr> <td>Curve tolerantie:</td><td>ISO9906:2012 3B2</td></tr> <tr> <td>Lager ontwerp:</td><td>Standaard</td></tr> </table> <p>Materialen:</p> <table> <tr> <td>Pomphuis:</td><td>Gietijzer</td></tr> <tr> <td>Pomp behuizing:</td><td>EN-GJL-250</td></tr> <tr> <td>Pomphuis:</td><td>ASTM class 35</td></tr> <tr> <td>Slijtring:</td><td>Brass</td></tr> <tr> <td>Waaier:</td><td>Gietijzer</td></tr> <tr> <td></td><td>EN-GJL-200</td></tr> <tr> <td></td><td>ASTM class 30</td></tr> <tr> <td>As:</td><td>Stainless steel</td></tr> <tr> <td></td><td>EN 1.4301</td></tr> <tr> <td></td><td>AISI 304</td></tr> <tr> <td>Interne coating pomphuis:</td><td>CED</td></tr> </table> <p>Installatie:</p> <table> <tr> <td>Maximum ambient temperature:</td><td>50 °C</td></tr> <tr> <td>Maximale bedrijfsdruk:</td><td>16 bar</td></tr> <tr> <td>Leidingaansluiting standaard:</td><td>EN 1092-2</td></tr> <tr> <td>Maat van de zuigaansluiting:</td><td>DN 50</td></tr> <tr> <td>Maat van de persaansluiting:</td><td>DN 32</td></tr> <tr> <td>Druktrap voor leidingaansluiting:</td><td>PN 16</td></tr> </table> | Frequency converter: | Geïntegreerd | Druksensor: | N | Te verpompen medium: | Water | Bereik vloeistoftemperatuur: | -25 .. 120 °C | Medium temperatuur tijdens bedrijf: | 20 °C | Dichtheid: | 998.2 kg/m <sup>3</sup> | Toerental waarop de pompgegevens zijn gebaseerd: | 2901 omw/min | Nominaal debiet: | 20.41 m <sup>3</sup> /u | Nominale opvoerhoogte: | 31.92 m | Werkelijke waaierdiameter: | 169 mm | Nominale waaierdiameter: | 160.1 | Asafdichting arrangement: | Enkel | Code voor asafdichting: | BQQE | Curve tolerantie: | ISO9906:2012 3B2 | Lager ontwerp: | Standaard | Pomphuis: | Gietijzer | Pomp behuizing: | EN-GJL-250 | Pomphuis: | ASTM class 35 | Slijtring: | Brass | Waaier: | Gietijzer |  | EN-GJL-200 |  | ASTM class 30 | As: | Stainless steel |  | EN 1.4301 |  | AISI 304 | Interne coating pomphuis: | CED | Maximum ambient temperature: | 50 °C | Maximale bedrijfsdruk: | 16 bar | Leidingaansluiting standaard: | EN 1092-2 | Maat van de zuigaansluiting: | DN 50 | Maat van de persaansluiting: | DN 32 | Druktrap voor leidingaansluiting: | PN 16 |
| Frequency converter:                             | Geïntegreerd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Druksensor:                                      | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Te verpompen medium:                             | Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Bereik vloeistoftemperatuur:                     | -25 .. 120 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Medium temperatuur tijdens bedrijf:              | 20 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Dichtheid:                                       | 998.2 kg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Toerental waarop de pompgegevens zijn gebaseerd: | 2901 omw/min                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Nominaal debiet:                                 | 20.41 m <sup>3</sup> /u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Nominale opvoerhoogte:                           | 31.92 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Werkelijke waaierdiameter:                       | 169 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Nominale waaierdiameter:                         | 160.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Asafdichting arrangement:                        | Enkel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Code voor asafdichting:                          | BQQE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Curve tolerantie:                                | ISO9906:2012 3B2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Lager ontwerp:                                   | Standaard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Pomphuis:                                        | Gietijzer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Pomp behuizing:                                  | EN-GJL-250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Pomphuis:                                        | ASTM class 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Slijtring:                                       | Brass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Waaier:                                          | Gietijzer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
|                                                  | EN-GJL-200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
|                                                  | ASTM class 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| As:                                              | Stainless steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
|                                                  | EN 1.4301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
|                                                  | AISI 304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Interne coating pomphuis:                        | CED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Maximum ambient temperature:                     | 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Maximale bedrijfsdruk:                           | 16 bar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Leidingaansluiting standaard:                    | EN 1092-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Maat van de zuigaansluiting:                     | DN 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Maat van de persaansluiting:                     | DN 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |
| Druktrap voor leidingaansluiting:                | PN 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |         |                            |        |                          |       |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |       |                              |       |                                   |       |

| Aantal | Omschrijving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <p>Lagersmering: Grease</p> <p>Pomphuis met voeten: Yes</p> <p>Vulblok: N</p> <p>Elektrische gegevens:</p> <p>IE efficiëntieklasse: IE5</p> <p>Nominaal vermogen - P2: 3 kW</p> <p>Netfrequentie: 50 Hz</p> <p>Nominale spanning: 3 x 380-500 V</p> <p>Nominaalstroom: 5.80-4.80 A</p> <p>Cos phi - power factor: 0.91-0.86</p> <p>Nominaal toerental: 360-4000 omw/min</p> <p>Rendement: 90.7%</p> <p>Motorrendement bij nominale belasting: 90.7 %</p> <p>Pooltal: 2</p> <p>Dichtheidsklasse (IEC 34-5): IP55</p> <p>Isolatie klasse (IEC 85): F</p> <p>Motor Nr.: 98971269</p> <p>Overige:</p> <p>Minimale Efficiëntie Index, MEI ≥: 0.70</p> <p>Netto gewicht: 53 kg</p> <p>Bruto gewicht: 63 kg</p> <p>Transportvolume: 0.178 m³</p> <p>Land van herkomst: HU</p> <p>HS code: 84137051</p> |

# 99105452 NBE 32-160.1/169 AF2ABQQE 50 Hz

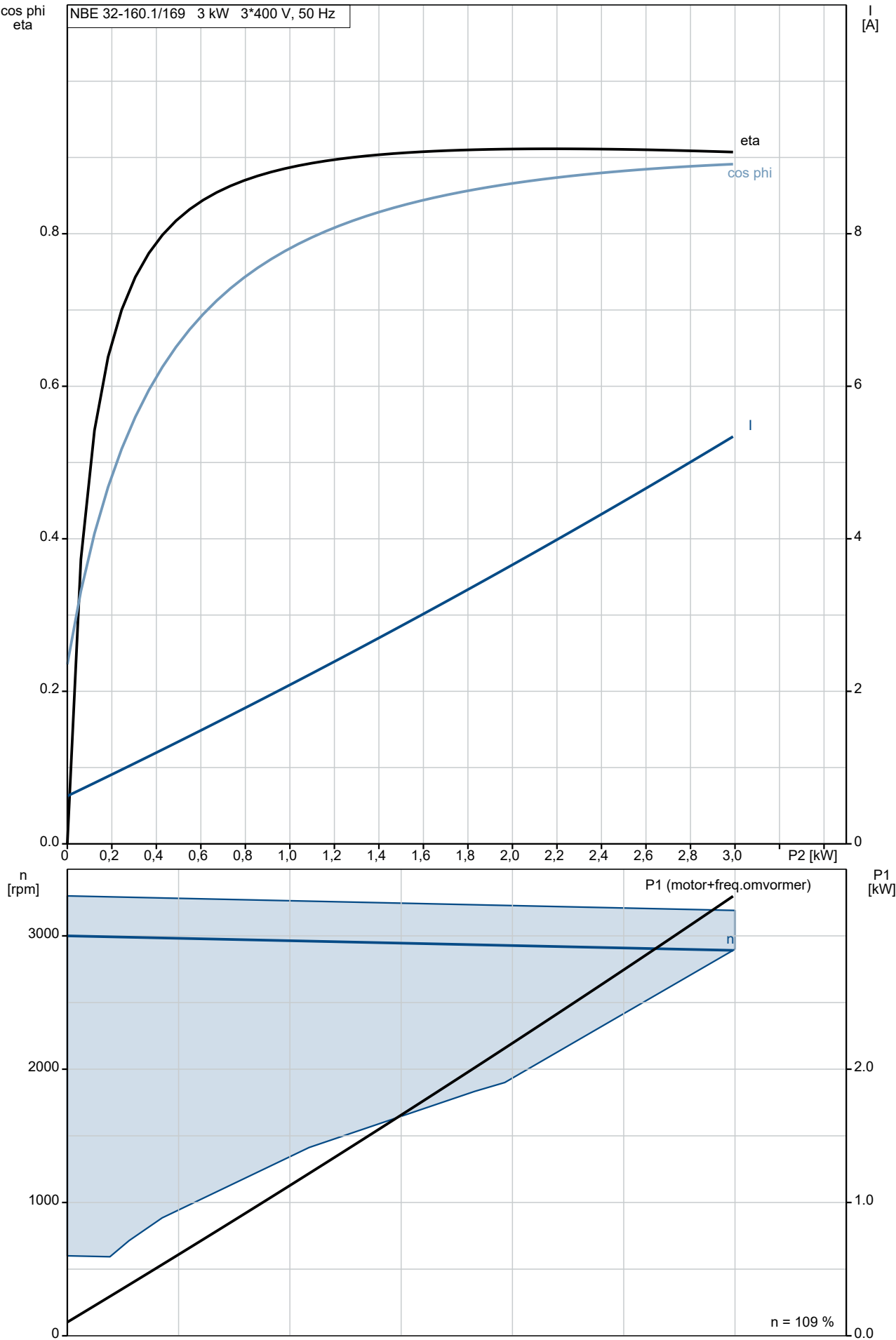


| Omschrijving                                     | Specificatie                 |
|--------------------------------------------------|------------------------------|
| <b>Algemene informatie:</b>                      |                              |
| Productnaam::                                    | NBE 32-160.1/169<br>AF2ABQQE |
| Productnummer::                                  | 99105452                     |
| EAN nummer::                                     | 5712606855186                |
| <b>Technisch:</b>                                |                              |
| Toerental waarop de pompgegevens zijn gebaseerd: | 2901 omw/min                 |
| Nominaal debiet:                                 | 20.41 m³/u                   |
| Nominale opvoerhoogte:                           | 31.92 m                      |
| Werkelijke waaierdiameter:                       | 169 mm                       |
| Nominale waaierdiameter:                         | 160.1                        |
| Asafdichting arrangement:                        | Enkel                        |
| Asdiameter:                                      | 24 mm                        |
| Code voor asafdichting:                          | BQQE                         |
| Curve tolerantie:                                | ISO9906:2012 3B2             |
| Pomp versie:                                     | A                            |
| Lager ontwerp:                                   | Standaard                    |
| <b>Materialen:</b>                               |                              |
| Pomphuis:                                        | Gietijzer                    |
| Pomp behuizing:                                  | EN-GJL-250                   |
| Pomphuis:                                        | ASTM class 35                |
| Slijtring:                                       | Brass                        |
| Waaier:                                          | Gietijzer                    |
| Waaier:                                          | EN-GJL-200                   |
| Waaier:                                          | ASTM class 30                |
| As:                                              | Stainless steel              |
| As:                                              | EN 1.4301                    |
| As:                                              | AISI 304                     |
| Interne coating pomphuis:                        | CED                          |
| Materiaal code:                                  | A                            |
| Code voor rubber:                                | E                            |
| <b>Installatie:</b>                              |                              |
| Maximum ambient temperature:                     | 50 °C                        |
| Maximale bedrijfsdruk:                           | 16 bar                       |
| Leidingaansluiting standaard:                    | EN 1092-2                    |
| Maat van de zuigaansluiting:                     | DN 50                        |
| Maat van de persaansluiting:                     | DN 32                        |
| Druktrap voor leidingaansluiting:                | PN 16                        |
| Lagersmering:                                    | Grease                       |
| Pomphuis met voeten:                             | Yes                          |
| Vulblok:                                         | N                            |
| Code voor leidingaansluiting:                    | F2                           |
| <b>Vloeistof:</b>                                |                              |
| Te pomp medium:                                  | Water                        |
| Bereik vloeistoftemperatuur:                     | -25 .. 120 °C                |
| Medium temperatuur tijdens bedrijf:              | 20 °C                        |
| Dichtheid:                                       | 998.2 kg/m³                  |
| <b>Elektrische gegevens:</b>                     |                              |
| IE efficiëntieklasse:                            | IE5                          |
| Nominaal vermogen - P2:                          | 3 kW                         |
| Netfrequentie:                                   | 50 Hz                        |
| Nominale spanning:                               | 3 x 380-500 V                |
| Nominaalstroom:                                  | 5.80-4.80 A                  |
| Cos phi - power factor:                          | 0.91-0.86                    |
| Nominaal toerental:                              | 360-4000 omw/min             |
| Rendement:                                       | 90.7 %                       |
| Motorrendement bij nominale belasting:           | 90.7 %                       |
| Pooltal:                                         | 2                            |
| Dichtheidsklasse (IEC 34-5):                     | IP55                         |
| Isolatie klasse (IEC 85):                        | F                            |
| Motorbeveiliging:                                | ELEC                         |
| Motor Nr.:                                       | 98971269                     |
| Mont. voorschriften volgens IEC 34-7:            | IM V1/B5                     |

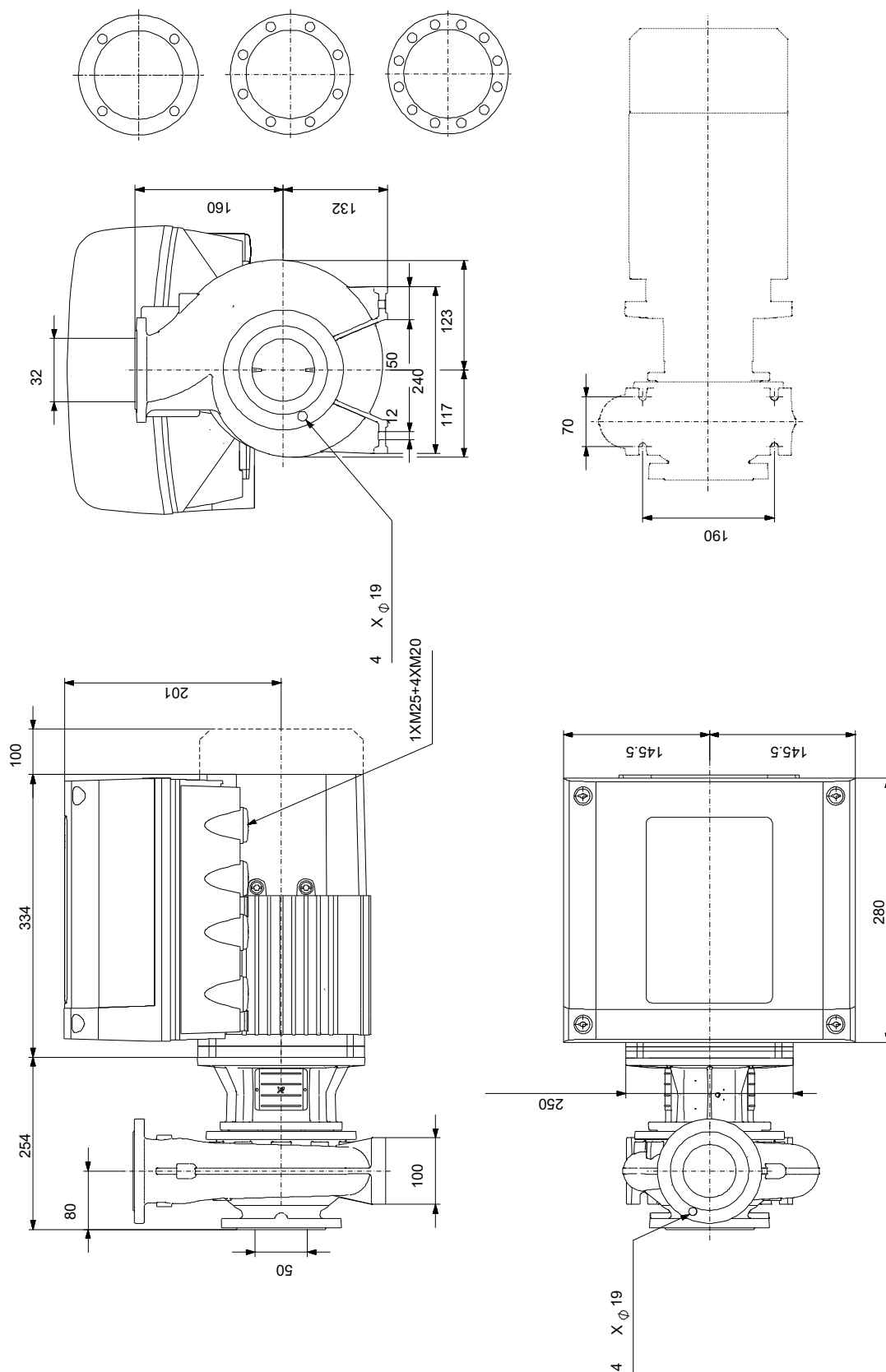


| Omschrijving                       | Specificatie      |
|------------------------------------|-------------------|
| <b>Regeling:</b>                   |                   |
| Bedieningspaneel:                  | HMI300 - Advanced |
| Functionele Module:                | FM300-ADVANCED    |
| Frequentie omvormer:               | Geïntegreerd      |
| Druksensor:                        | N                 |
| <b>Overige:</b>                    |                   |
| Minimale Efficiëntie Index, MEI ≥: | 0.70              |
| Netto gewicht:                     | 53 kg             |
| Bruto gewicht:                     | 63 kg             |
| Transportvolume:                   | 0.178 m³          |
| Land van herkomst:                 | HU                |
| HS code:                           | 84137051          |

# 99105452 NBE 32-160.1/169 AF2ABQQE 50 Hz



# 99105452 NBE 32-160.1/169 AF2ABQQE 50 Hz



Opm! Alle unit's zijn in [mm] tenzij anders aangegeven.  
Disclaimer: Deze eenvoudige maatschets toont u niet alle details.

**Service onderdelen NBE 32-160.1/169, Artikelnr. 99105452**  
**Geproduceerd na 2053 (productiejaar en weeknummer)**

| Pos  | Omschrijving              | Opmerking tekst | Classificatie Gegevens | Onderdeelnr. | Aantal | Eenheid |
|------|---------------------------|-----------------|------------------------|--------------|--------|---------|
| -    | Bulk, Nut                 |                 |                        | 92514630     | 1      | pcs     |
| 67   | Moer                      |                 | Draad: M14             |              | 5      |         |
| -    | Bulk, o-ring              |                 |                        | 92547662     | 1      | pcs     |
| 72a  | O-ring                    |                 |                        |              | 5      |         |
| -    | Bulk, Plug vent           |                 |                        | 96620482     | 1      | pcs     |
| 18   | Plug                      |                 |                        |              | 5      |         |
| -    | Bulk, asafdichting        |                 |                        | 99380916     | 1      | pcs     |
| 105  | Asafdichting              |                 |                        |              | 5      |         |
| -    | Kit, koppelingsbeschermer |                 |                        | 96591145     | 1      | pcs     |
| 7a   | Pan head screw            |                 |                        |              | 4      |         |
| 7    | Koppelingsbeschermer      |                 |                        |              | 2      |         |
| -    | Kit, motor stoel          |                 |                        | 98990897     | 1      | pcs     |
| 1a   | Motor stoel               |                 |                        |              | 1      |         |
| 7    | Koppelingsbeschermer      |                 |                        |              | 2      |         |
| 18   | Plug                      |                 |                        |              | 1      |         |
| 28   | Hex head screw            |                 | Lengte: 45 MM          |              | 4      |         |
|      |                           |                 | Draad: M12             |              |        |         |
| 36   | Moer                      |                 | Draad: M12             |              | 4      |         |
| 36   | Moer                      |                 | Draad: M10             |              | 6      |         |
| 76a  | Klinknagel                |                 |                        |              | 2      |         |
| 77a  | Pan head screw            |                 |                        |              | 4      |         |
| -    | Kit, nut                  |                 |                        | 96939128     | 1      | pcs     |
| 11   | Parallel sleutel          |                 | Afmeting: 6X6X35       |              | 1      |         |
| -    | 36                        | Moer            |                        |              | 1      |         |
| 66a  | Spring lock washer        |                 |                        |              | 1      |         |
| 66   | Ring                      |                 |                        |              | 1      |         |
| 67   | Moer                      |                 | Draad: M14             |              | 1      |         |
| -    | Kit, pomphuis             |                 |                        | 95131703     | 1      | pcs     |
| -    | 6                         | Pomphuis        |                        |              | 1      |         |
| 26   | Ankerbout                 |                 | Lengte: 40             |              | 6      |         |
|      |                           |                 | Draad: M10             |              |        |         |
| 45   | Slijtring                 |                 |                        |              | 1      |         |
| 20   | Pijp plug                 |                 | Draad: R 3/8           |              | 2      |         |
| 36   | Moer                      |                 | Draad: M10             |              | 6      |         |
| -    | Kit, stub shaft           |                 |                        | 96039352     | 1      | pcs     |
| 9    | Socket set screw          |                 | Lengte: 10             |              | 2      |         |
|      |                           |                 | Draad: M8              |              |        |         |
| 11   | Parallel sleutel          |                 | Afmeting: 6X6X35       |              | 1      |         |
| 51   | Pompas                    |                 |                        |              | 1      |         |
| 66a  | Spring lock washer        |                 |                        |              | 1      |         |
| 66   | Ring                      |                 |                        |              | 1      |         |
| 67   | Moer                      |                 | Draad: M14             |              | 1      |         |
| -    | Spare, O-ring             |                 |                        | 97757659     | 1      | pcs     |
| 72a  | O-ring                    |                 |                        |              | 1      |         |
| -    | Spare, plug vent          |                 |                        | 98164277     | 1      | pcs     |
| 18   | Plug                      |                 |                        |              | 1      |         |
| -    | Spare, shaft seal         |                 |                        | 98434904     | 1      | pcs     |
| 105  | Asafdichting              |                 |                        |              | 1      |         |
| -    | Spare, wear ring          |                 |                        | 99208775     | 1      | pcs     |
| 45   | Slijtring                 |                 |                        |              | 1      |         |
| -    | Motor                     |                 |                        |              | 1      | pcs     |
| -    | Kit, Ball bearing         |                 |                        | 98881508     | 1      |         |
| 99   | Ringhouder                |                 |                        |              | 1      |         |
| 153  | Kogellager                |                 |                        |              | 1      |         |
| 154  | Kogellager                |                 |                        |              | 1      |         |
| 156d | Afdichtingsring           |                 |                        |              | 1      |         |
| 156c | Afdichtingsring           |                 |                        |              | 1      |         |
| 157  | O-ring                    |                 | Diameter: 52           |              | 1      |         |
|      |                           |                 | Materiaal type: NBR    |              |        |         |

| Pos  | Omschrijving                  | Opmerking tekst | Classificatie Gegevens | Onderdeelnr. | Aantal | Eenheid |
|------|-------------------------------|-----------------|------------------------|--------------|--------|---------|
|      |                               |                 | Dikte: 3               |              |        |         |
| 158  | Waved washer                  |                 |                        |              | 1      |         |
| 188  | Ringhouder                    |                 |                        |              | 1      |         |
| -    | Kit, Blanking plug            |                 |                        | 99052475     | 1      |         |
| 252b | Plug cpl.                     |                 |                        |              | 4      |         |
| 252b | Afsluitplug                   |                 |                        |              | 1      |         |
| -    | Kit, kabelwartel              |                 |                        | 98736096     | 1      |         |
| 293  | Cable glands set              |                 |                        |              | 1      |         |
| -    | Kit, connectoren              |                 |                        | 98403113     | 1      |         |
| 266  | Connector plug 10-pole        |                 |                        |              | 1      |         |
| 266  | Connector plug 2-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 8-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 8-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 8-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 3-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 3-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 3-pole         |                 |                        |              | 1      |         |
| -    | Kit, control box              |                 |                        | 98878619     | 1      |         |
| 251d | Pan head thread forming screw |                 |                        |              | 4      |         |
| 251b | Regelunit                     |                 |                        |              | 1      |         |
| 251a | Control box cpl.              |                 |                        |              | 1      |         |
| 252b | Plug cpl.                     |                 |                        |              | 4      |         |
| 252b | Afsluitplug                   |                 |                        |              | 1      |         |
| 266  | Connector plug 10-pole        |                 |                        |              | 1      |         |
| 266  | Connector plug 8-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 8-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 8-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 3-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 3-pole         |                 |                        |              | 1      |         |
| 266  | Connector plug 3-pole         |                 |                        |              | 1      |         |
| 268a | Pomphuis                      |                 |                        |              | 1      |         |
| 268  | Pan head screw                |                 |                        |              | 1      |         |
| 273b | Accu                          |                 |                        |              | 1      |         |
| 273a | Cross recess Pan head screw   |                 |                        |              | 3      |         |
| 273  | Funct. Module cpl.            |                 |                        |              | 1      |         |
| 275a | Pen                           |                 |                        |              | 1      |         |
| 277b | Veer                          |                 |                        |              | 4      |         |
| 277a | Cross recess Pan head screw   |                 |                        |              | 1      |         |
| 277  | Deksel                        |                 |                        |              | 1      |         |
| 286  | Spacer                        |                 |                        |              | 1      |         |
| 287  | Deksel                        |                 |                        |              | 1      |         |
| 288b | Ringhouder                    |                 |                        |              | 8      |         |
| 288a | Pan head thread forming screw |                 |                        |              | 8      |         |
| 288  | Kabelklem                     |                 |                        |              | 4      |         |
| 289a | Pan head thread forming screw |                 |                        |              | 1      |         |
| 289  | Kabelklem                     |                 |                        |              | 1      |         |
| 290  | Bedieningspaneel, compl.      |                 |                        |              | 1      |         |
| 301  | Draadbrug                     |                 |                        |              | 1      |         |
| -    | Kit, Control box upper        |                 |                        | 98869867     | 1      |         |
| 251d | Pan head thread forming screw |                 |                        |              | 4      |         |
| 251b | Regelunit                     |                 |                        |              | 1      |         |
| -    | Kit, Control panel            |                 |                        | 98939971     | 1      |         |
| 290  | Bedieningspaneel, compl.      |                 |                        |              | 1      |         |
| -    | Kit, cover                    |                 |                        | 98330622     | 1      |         |
| 287  | Deksel                        |                 |                        |              | 1      |         |
| -    | Kit, end shield (NDE)         |                 |                        | 98869882     | 1      |         |
| 156c | Afdichtingsring               |                 |                        |              | 1      |         |
| 156a | End shield NDE                |                 |                        |              | 1      |         |
| 157  | O-ring                        |                 | Diameter: 52           |              | 1      |         |
|      |                               |                 | Materiaal type: NBR    |              |        |         |
|      |                               |                 | Dikte: 3               |              |        |         |
| 158  | Waved washer                  |                 |                        |              | 1      |         |
| 206  | Pan head thread forming screw |                 |                        |              | 4      |         |
| -    | Kit, ventilator               |                 |                        | 98869876     | 1      |         |

| Pos  | Omschrijving                  | Opmerking tekst | Classificatie Gegevens | Onderdeelnr. | Aantal | Eenheid |
|------|-------------------------------|-----------------|------------------------|--------------|--------|---------|
| 152  | Pan head thread forming screw |                 |                        |              | 4      |         |
| 156c | Afdichtingsring               |                 |                        |              | 1      |         |
| 156  | Ventilator                    |                 |                        |              | 1      |         |
| -    | Kit, ventilatorhuis           |                 |                        | 99957566     | 1      |         |
| 151  | Ventilatorkap                 |                 |                        |              | 1      |         |
| 152  | Pan head thread forming screw |                 |                        |              | 4      |         |
| -    | Kit, flange (DE)              |                 |                        | 98869891     | 1      |         |
|      | Glue                          |                 |                        |              | 0      |         |
| 156c | Afdichtingsring               |                 |                        |              | 1      |         |
| 156b | Flens                         |                 |                        |              | 1      |         |
| 201c | Aftapplug                     |                 |                        |              | 3      |         |
| -    | Kit, Funct. module            |                 |                        | 98334777     | 1      |         |
| 273a | Cross recess Pan head screw   |                 |                        |              | 5      |         |
| 273  | Funct. Module cpl.            |                 |                        |              | 1      |         |
| 275a | Pen                           |                 |                        |              | 1      |         |
| 286  | Spacer                        |                 |                        |              | 1      |         |
| -    | Kit, Isolation cover          |                 |                        | 98859508     | 1      |         |
| 277b | Veer                          |                 |                        |              | 4      |         |
| 277a | Cross recess Pan head screw   |                 |                        |              | 1      |         |
| 277  | Deksel                        |                 |                        |              | 1      |         |
| -    | Kit, Lower part cpl.          |                 |                        | 98859571     | 1      |         |
| 178  | Pan head thread forming screw |                 |                        |              | 4      |         |
| 251a | Control box cpl.              |                 |                        |              | 1      |         |
| 275a | Pen                           |                 |                        |              | 1      |         |
| 277a | Cross recess Pan head screw   |                 |                        |              | 1      |         |
| 277  | Deksel                        |                 |                        |              | 1      |         |
| -    | Kit, motor                    |                 |                        | 99010736     | 1      |         |
|      | Terminal                      |                 |                        |              | 3      |         |
| 99   | Ringhouder                    |                 |                        |              | 1      |         |
| 111  | Kogellager                    |                 |                        |              | 1      |         |
| 111  | Kogellager                    |                 |                        |              | 1      |         |
| 150  | Stator w/housing              |                 |                        |              | 1      |         |
| 151  | Ventilatorkap                 |                 |                        |              | 1      |         |
| 152  | Pan head thread forming screw |                 |                        |              | 4      |         |
| 152  | Pan head thread forming screw |                 |                        |              | 2      |         |
| 156d | Afdichtingsring               |                 |                        |              | 1      |         |
| 156c | Afdichtingsring               |                 |                        |              | 1      |         |
| 156b | Flens                         |                 |                        |              | 1      |         |
| 156  | Ventilator                    |                 |                        |              | 1      |         |
| 157  | O-ring                        |                 | Diameter: 52           |              | 1      |         |
|      |                               |                 | Materiaal type: NBR    |              |        |         |
|      |                               |                 | Dikte: 3               |              |        |         |
| 158  | Waved washer                  |                 |                        |              | 1      |         |
| 172a | Parallel sleutel              |                 |                        |              | 1      |         |
| 172  | Shaft w/rotor                 |                 |                        |              | 1      |         |
| 181  | Pan head staybolt             |                 |                        |              | 4      |         |
| 188  | Ringhouder                    |                 |                        |              | 1      |         |
| 190  | Eyebolt                       |                 |                        |              | 2      |         |
| 201c | Aftapplug                     |                 |                        |              | 3      |         |
| 203  | Terminal plug                 |                 |                        |              | 1      |         |
| 205  | Pakking                       |                 |                        |              | 1      |         |
| -    | Kit, plug                     |                 |                        | 99028676     | 1      |         |
| 152  | Pan head thread forming screw |                 |                        |              | 2      |         |
| 203  | Terminal plug                 |                 |                        |              | 1      |         |
| 205  | Pakking                       |                 |                        |              | 1      |         |
| -    | Kit, schroeven                |                 |                        | 99028712     | 1      |         |
| 268a | Pomphuis                      |                 |                        |              | 1      |         |
| 268  | Pan head screw                |                 |                        |              | 1      |         |
| 288b | Ringhouder                    |                 |                        |              | 8      |         |
| 288a | Pan head thread forming screw |                 |                        |              | 8      |         |
| 288  | Kabelklem                     |                 |                        |              | 4      |         |
| 289a | Pan head thread forming screw |                 |                        |              | 1      |         |
| 289  | Kabelklem                     |                 |                        |              | 1      |         |
| -    | Kit, ankerbouten              |                 |                        | 98881544     | 1      |         |

| Pos  | Omschrijving                  | Opmerking tekst | Classificatie Gegevens | Onderdeelnr. | Aantal | Eenheid |
|------|-------------------------------|-----------------|------------------------|--------------|--------|---------|
| 181  | Pan head staybolt             |                 |                        |              | 4      |         |
| 111  | Kogellager                    |                 |                        | 99083449     | 1      |         |
| 111  | Kogellager                    |                 |                        | 97501069     | 1      |         |
| 152  | Pan head thread forming screw |                 |                        | 99834207     | 4      |         |
| 152  | Pan head thread forming screw |                 |                        | 99814578     | 4      |         |
| 158  | Waved washer                  |                 |                        | 99804989     | 1      |         |
| 159a | Afdichtingsring               |                 |                        | 97689816     | 1      |         |
| 186  | Aftapplug                     |                 |                        | 99980519     | 3      |         |
| 251d | Pan head thread forming screw |                 |                        | 98995460     | 4      |         |
| 266  | Connector plug 3-pole         |                 |                        | 99421265     | 1      |         |
| 49   | Waaier                        |                 | Buitendiameter: 169    | 98296612     | 1      | pcs     |