

## Inventflow: Grundfos A-partner

### Grundfos NBE 100-200/178 AF2ABQQE

Bekijk de pomp hier:

<https://inventflow.nl/nl/pompenfilter/nbe/grundfos-nbe-100-200-178-af2abqqe>

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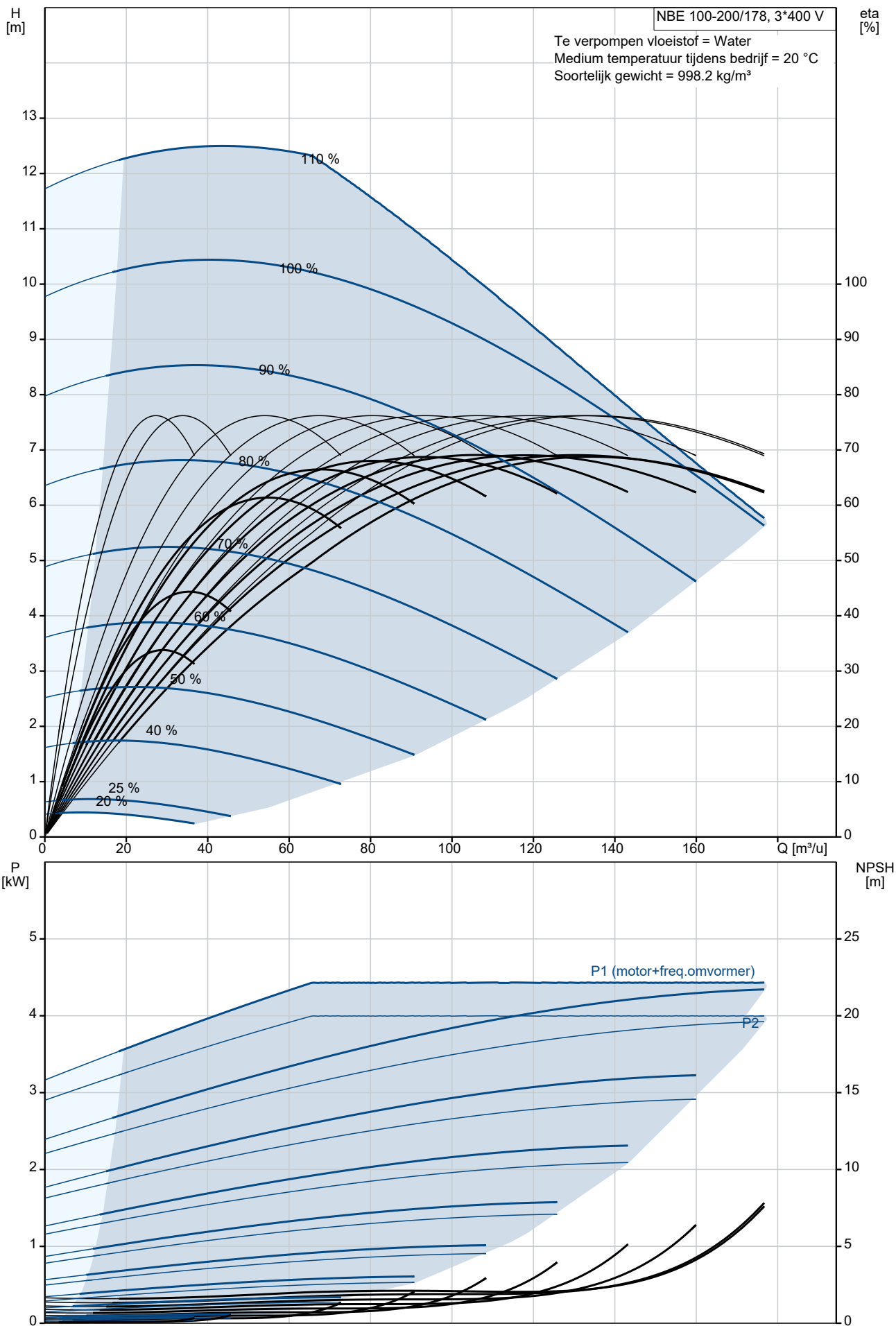
#### Datablad



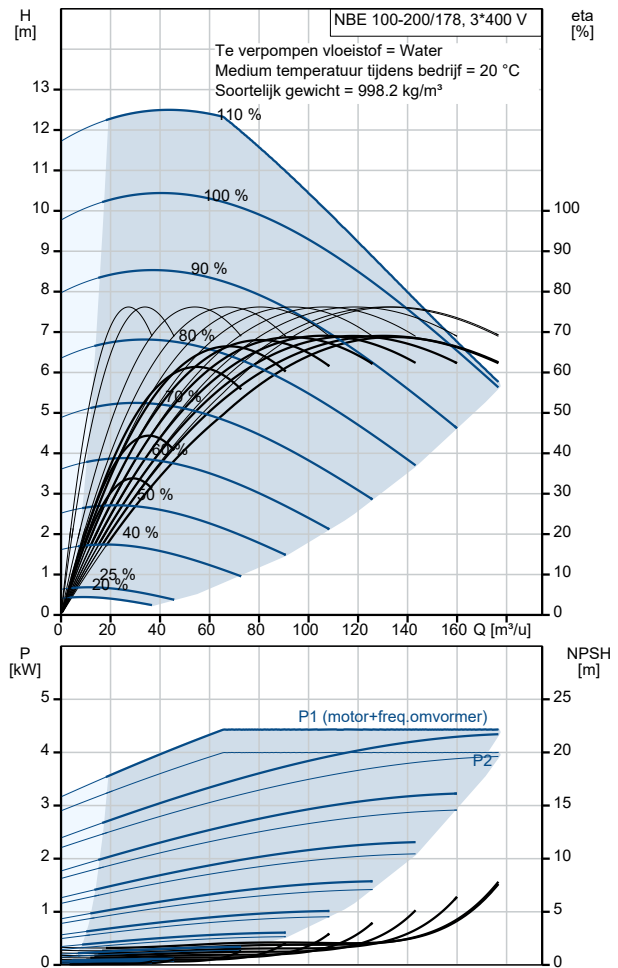
| Aantal                                           | Omschrijving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |       |                            |        |                          |     |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |        |                              |        |                                   |       |
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| 1                                                | <p><b>NBE 100-200/178 AF2ABQQE</b></p>  <p>Opm. De foto kan afwijken van het eigenlijke product</p> <p>Artikelnr.: <a href="#">99105447</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>1450 omw/min</td></tr> <tr> <td>Nominaal debiet:</td><td>134.5 m<sup>3</sup>/u</td></tr> <tr> <td>Nominale opvoerhoogte:</td><td>7.9 m</td></tr> <tr> <td>Werkelijke waaierdiameter:</td><td>178 mm</td></tr> <tr> <td>Nominale waaierdiameter:</td><td>200</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 125</td></tr> <tr> <td>Maat van de persaansluiting:</td><td>DN 100</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: | 1450 omw/min | Nominaal debiet: | 134.5 m <sup>3</sup> /u | Nominale opvoerhoogte: | 7.9 m | Werkelijke waaierdiameter: | 178 mm | Nominale waaierdiameter: | 200 | 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 125 | Maat van de persaansluiting: | DN 100 | 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: | 1450 omw/min                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |       |                            |        |                          |     |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |        |                              |        |                                   |       |
| Nominaal debiet:                                 | 134.5 m <sup>3</sup> /u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |       |                            |        |                          |     |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |        |                              |        |                                   |       |
| Nominale opvoerhoogte:                           | 7.9 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |       |                            |        |                          |     |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |        |                              |        |                                   |       |
| Werkelijke waaierdiameter:                       | 178 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |       |                            |        |                          |     |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |        |                              |        |                                   |       |
| Nominale waaierdiameter:                         | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |       |                            |        |                          |     |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |        |                              |        |                                   |       |
| 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 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |       |                            |        |                          |     |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |        |                              |        |                                   |       |
| Maat van de persaansluiting:                     | DN 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |              |             |   |                      |       |                              |               |                                     |       |            |                         |                                                  |              |                  |                         |                        |       |                            |        |                          |     |                           |       |                         |      |                   |                  |                |           |           |           |                 |            |           |               |            |       |         |           |  |            |  |               |     |                 |  |           |  |          |                           |     |                              |       |                        |        |                               |           |                              |        |                              |        |                                   |       |
| 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: 4 kW</p> <p>Netfrequentie: 50 Hz</p> <p>Nominale spanning: 3 x 380-500 V</p> <p>Nominaalstroom: 7.70-6.00 A</p> <p>Cos phi - power factor: 0.92-0.87</p> <p>Nominaal toerental: 180-2200 omw/min</p> <p>Rendement: 90.3%</p> <p>Motorrendement bij nominale belasting: 90.3 %</p> <p>Pooltal: 4</p> <p>Dichtheidsklasse (IEC 34-5): IP55</p> <p>Isolatie klasse (IEC 85): F</p> <p>Motor Nr.: 98971266</p> <p>Overige:</p> <p>Minimale Efficiëntie Index, MEI ≥: 0.65</p> <p>Netto gewicht: 107 kg</p> <p>Bruto gewicht: 124 kg</p> <p>Transportvolume: 0.315 m³</p> <p>Land van herkomst: HU</p> <p>HS code: 84137051</p> |

# 99105447 NBE 100-200/178 AF2ABQQE 50 Hz

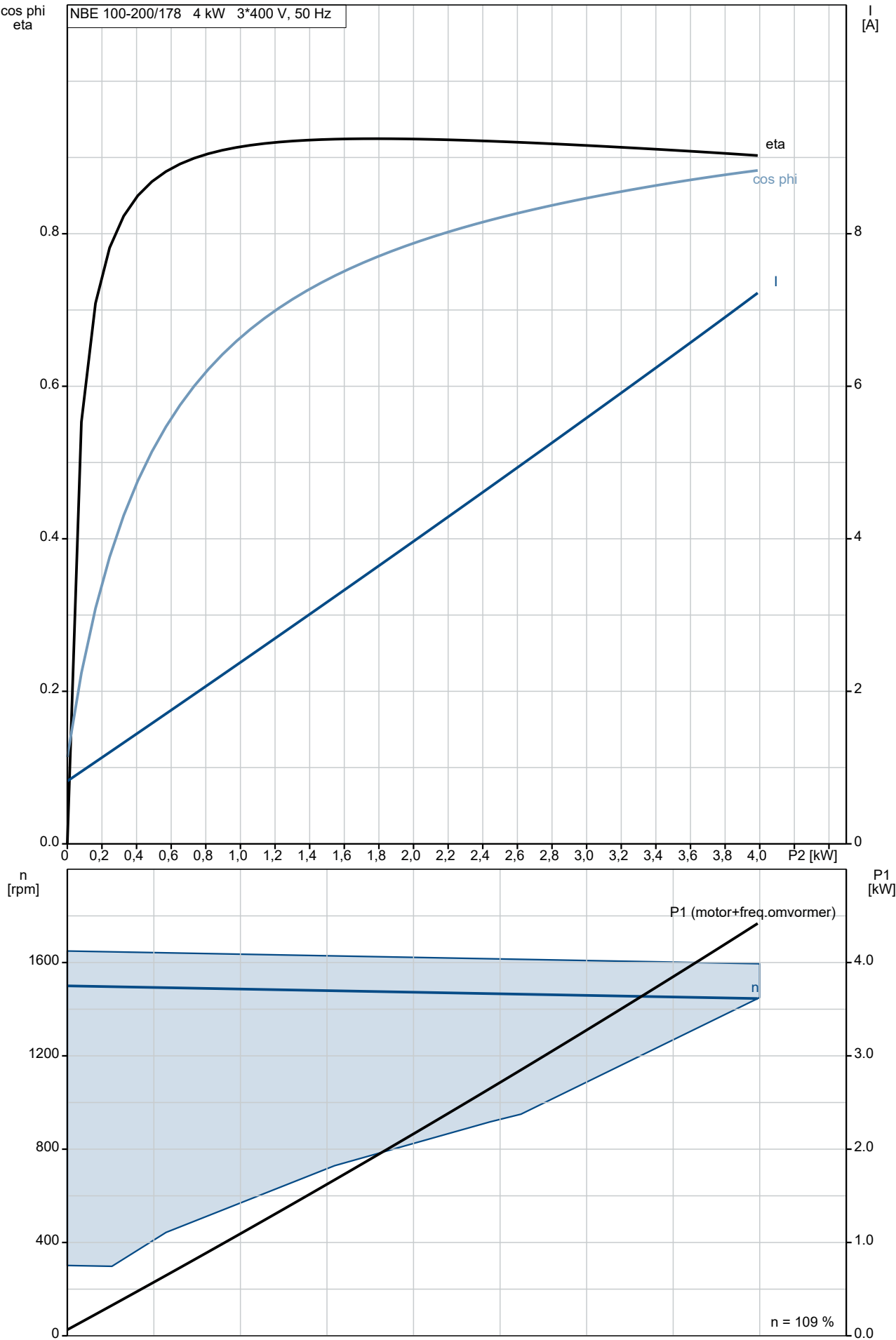


| Omschrijving                                     | Specificatie             |
|--------------------------------------------------|--------------------------|
| <b>Algemene informatie:</b>                      |                          |
| Productnaam::                                    | NBE 100-200/178 AF2ABQQE |
| Productnummer::                                  | 99105447                 |
| EAN nummer::                                     | 5712606855070            |
| <b>Technisch:</b>                                |                          |
| Toerental waarop de pompgegevens zijn gebaseerd: | 1450 omw/min             |
| Nominaal debiet:                                 | 134.5 m³/u               |
| Nominale opvoerhoogte:                           | 7.9 m                    |
| Werkelijke waaierdiameter:                       | 178 mm                   |
| Nominale waaierdiameter:                         | 200                      |
| Asafdichting arrangement:                        | Enkel                    |
| Asdiameter:                                      | 32 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 125                   |
| Maat van de persaansluiting:                     | DN 100                   |
| 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:                          | 4 kW                     |
| Netfrequentie:                                   | 50 Hz                    |
| Nominale spanning:                               | 3 x 380-500 V            |
| Nominaalstroom:                                  | 7.70-6.00 A              |
| Cos phi - power factor:                          | 0.92-0.87                |
| Nominaal toerental:                              | 180-2200 omw/min         |
| Rendement:                                       | 90.3%                    |
| Motorrendement bij nominale belasting:           | 90.3 %                   |
| Pooltal:                                         | 4                        |
| Dichtheidsklasse (IEC 34-5):                     | IP55                     |
| Isolatie klasse (IEC 85):                        | F                        |
| Motorbeveiliging:                                | ELEC                     |
| Motor Nr.:                                       | 98971266                 |
| Mont. voorschriften volgens IEC 34-7:            | IM V1/B5                 |

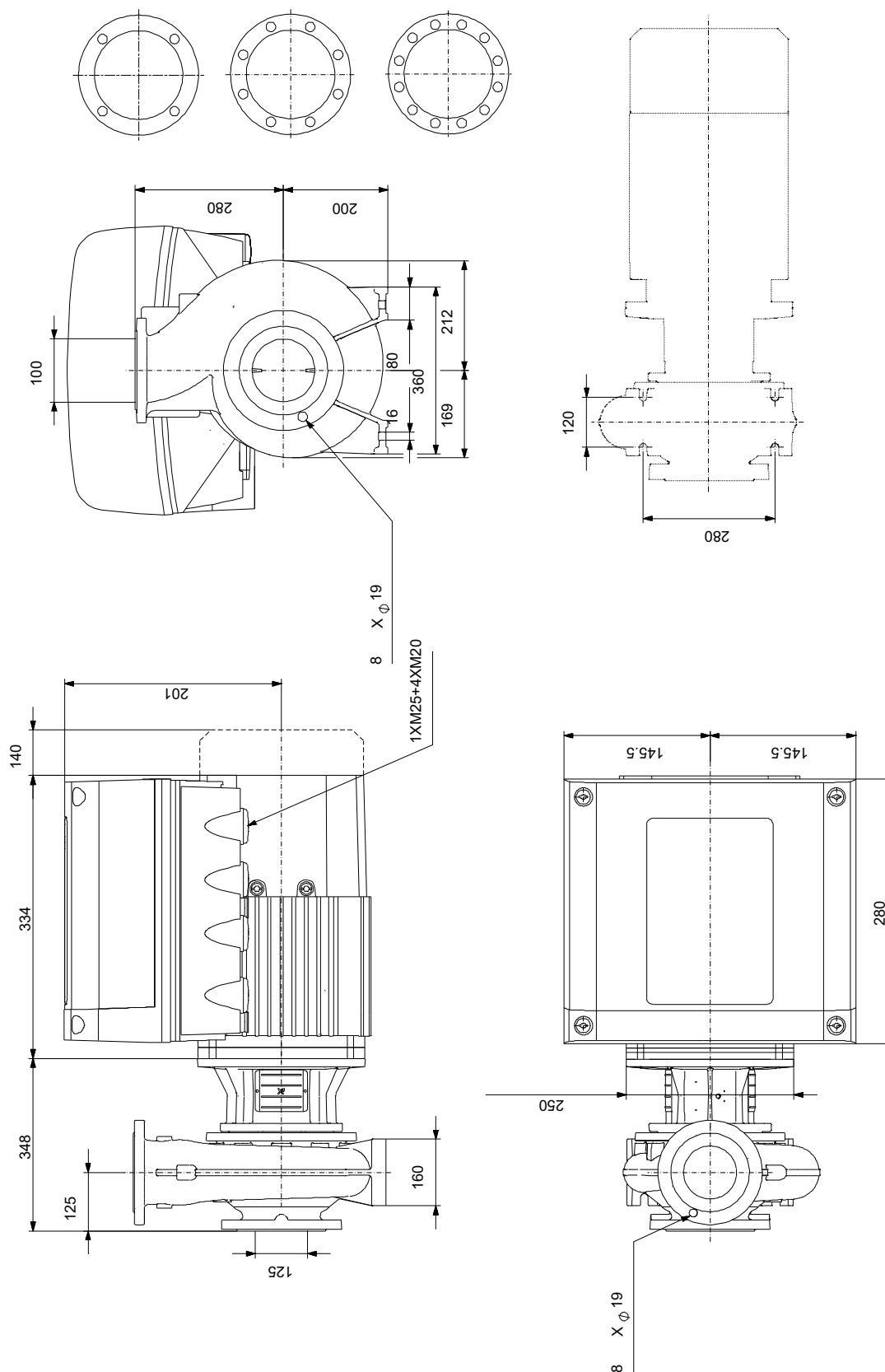


| Omschrijving                       | Specificatie      |
|------------------------------------|-------------------|
| <b>Regeling:</b>                   |                   |
| Bedieningspaneel:                  | HMI300 - Advanced |
| Functionele Module:                | FM300-ADVANCED    |
| Frequentie omvormer:               | Geïntegreerd      |
| Druksensor:                        | N                 |
| <b>Overige:</b>                    |                   |
| Minimale Efficiëntie Index, MEI ≥: | 0.65              |
| Netto gewicht:                     | 107 kg            |
| Bruto gewicht:                     | 124 kg            |
| Transportvolume:                   | 0.315 m³          |
| Land van herkomst:                 | HU                |
| HS code:                           | 84137051          |

99105447 NBE 100-200/178 AF2ABQQE 50 Hz



# 99105447 NBE 100-200/178 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 100-200/178, Artikelnr. 99105447**  
**Geproduceerd na 2053 (productiejaar en weeknummer)**

| Pos  | Omschrijving                 | Opmerking tekst | Classificatie Gegevens                                                         | Onderdeelnr. | Aantal | Eenheid |
|------|------------------------------|-----------------|--------------------------------------------------------------------------------|--------------|--------|---------|
| -    | Bulk, Nut                    |                 |                                                                                | 92514631     | 1      | pcs     |
| 67   | Moer                         |                 | Draad: M18                                                                     |              | 5      |         |
| -    | Bulk, o-ring                 |                 |                                                                                | 92547617     | 1      | pcs     |
| 72.a | O-ring                       |                 | Diameter: 221,84<br>Materiaal type: EPDM<br>Dikte: 3,53                        |              | 5      |         |
| -    | Bulk, Plug vent              |                 |                                                                                | 96620482     | 1      | pcs     |
| 18   | Plug                         |                 |                                                                                |              | 5      |         |
| -    | Bulk, asafdichting           |                 |                                                                                | 92514302     | 1      | pcs     |
| 105  | Asafdichting                 |                 |                                                                                |              | 5      |         |
| -    | Kit, koppelingsbeschermer    |                 |                                                                                | 96591145     | 1      | pcs     |
| 7a   | Pan head screw               |                 |                                                                                |              | 4      |         |
| 7    | Koppelingsbeschermer         |                 |                                                                                |              | 2      |         |
| -    | Kit, cover                   |                 |                                                                                | 98990962     | 1      | pcs     |
| 18   | Plug                         |                 |                                                                                |              | 1      |         |
| 36   | Moer                         |                 | Draad: M10                                                                     |              | 8      |         |
| 77   | Deksel                       |                 |                                                                                |              | 1      |         |
| -    | Kit, motor stool             |                 |                                                                                | 96942545     | 1      | pcs     |
| 1a   | Motor stoel                  |                 |                                                                                |              | 1      |         |
| 7    | Koppelingsbeschermer         |                 |                                                                                |              | 2      |         |
| 28   | Hex head screw               |                 | Lengte: 45 MM<br>Draad: M12                                                    |              | 4      |         |
| 36   | Moer                         |                 | Draad: M12                                                                     |              | 4      |         |
| 36   | Moer                         |                 | Draad: M10                                                                     |              | 8      |         |
| 76a  | Klinknagel                   |                 |                                                                                |              | 2      |         |
| 77a  | Pan head screw               |                 |                                                                                |              | 4      |         |
| -    | Kit, nut                     |                 |                                                                                | 96939130     | 1      | pcs     |
| 11   | Parallel sleutel             |                 |                                                                                |              | 1      |         |
| -    | 36 Moer                      |                 |                                                                                |              | 1      |         |
| 66a  | Spring lock washer           |                 |                                                                                |              | 1      |         |
| 66   | Ring                         |                 |                                                                                |              | 1      |         |
| 67   | Moer                         |                 | Draad: M18                                                                     |              | 1      |         |
| -    | Kit, pomphuis                |                 |                                                                                | 95131733     | 1      | pcs     |
| -    | 6 Pomphuis                   |                 |                                                                                |              | 1      |         |
| 26   | Ankerbout                    |                 | Lengte: 45<br>Draad: M10                                                       |              | 8      |         |
| 45   | Slijtring                    |                 |                                                                                |              | 1      |         |
| 20   | Plug                         |                 |                                                                                |              | 2      |         |
| 36   | Moer                         |                 | Draad: M10                                                                     |              | 8      |         |
| -    | Kit, stub shaft              |                 |                                                                                | 99248514     | 1      | pcs     |
| 9    | Socket set screw             |                 | Lengte: 6<br>Draad: M8                                                         |              | 2      |         |
| 11   | Parallel sleutel             |                 |                                                                                |              | 1      |         |
| 51   | Stub shaft                   |                 |                                                                                |              | 1      |         |
| 66a  | Spring lock washer           |                 |                                                                                |              | 1      |         |
| 66   | Ring                         |                 | Aanduiding: DIN 125 A2<br>Binnendiameter: 19<br>Buitendiameter: 34<br>Dikte: 3 |              | 1      |         |
| 67   | Moer                         |                 | Draad: M18                                                                     |              | 1      |         |
| +    | Spare, O-ring                |                 |                                                                                | 97757671     | 1      | pcs     |
| -    | Spare, plug vent             |                 |                                                                                | 98164277     | 1      | pcs     |
| 18   | Plug                         |                 |                                                                                |              | 1      |         |
| -    | Spare, shaft seal            |                 |                                                                                | 98434906     | 1      | pcs     |
| 105  | Asafdichting                 |                 |                                                                                |              | 1      |         |
| -    | Spare, spacer for shaft seal |                 |                                                                                | 96591277     | 1      | pcs     |
| 105b | Spacer                       |                 |                                                                                |              | 1      |         |
| -    | Spare, wear ring             |                 |                                                                                | 99208807     | 1      | pcs     |

| Pos  | Omschrijving                  | Opmerking tekst | Classificatie Gegevens     | Onderdeelnr. | Aantal | Eenheid |
|------|-------------------------------|-----------------|----------------------------|--------------|--------|---------|
| 45   | Slijtring                     |                 |                            |              | 1      |         |
| -    | Motor                         |                 |                            |              | 1      | pcs     |
| -    | Kit, Ball bearing             |                 |                            | 98881509     | 1      |         |
| 99   | Ringhouder                    |                 |                            |              | 1      |         |
| 153  | Kogellager                    |                 | Aanduiding: 6206.2Z.C3.SYN |              | 1      |         |
| 154  | Kogellager                    |                 |                            |              | 1      |         |
| 156c | Afdichtingsring               |                 |                            |              | 2      |         |
| 157  | O-ring                        |                 | Diameter: 62               |              | 1      |         |
|      |                               |                 | Materiaal type: NBR        |              |        |         |
|      |                               |                 | 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      |         |

| Pos  | Omschrijving                  | Opmerking tekst | Classificatie Gegevens                          | Onderdeelnr. | Aantal | Eenheid |
|------|-------------------------------|-----------------|-------------------------------------------------|--------------|--------|---------|
| 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)         |                 |                                                 | 98869883     | 1      |         |
| 156c | Afdichtingsring               |                 |                                                 |              | 1      |         |
| 156a | End shield NDE                |                 |                                                 |              | 1      |         |
| 157  | O-ring                        |                 | Diameter: 62<br>Materiaal type: NBR<br>Dikte: 3 |              | 1      |         |
| 158  | Waved washer                  |                 |                                                 |              | 1      |         |
| 206  | Pan head thread forming screw |                 |                                                 |              | 4      |         |
| -    | Kit, ventilator               |                 |                                                 | 98869879     | 1      |         |
| 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)              |                 |                                                 | 98966316     | 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                    |                 |                                                 | 99010748     | 1      |         |
|      | Terminal                      |                 |                                                 |              | 3      |         |

| Pos  | Omschrijving                  | Opmerking tekst | Classificatie Gegevens     | Onderdeelnr. | Aantal | Eenheid |
|------|-------------------------------|-----------------|----------------------------|--------------|--------|---------|
| 99   | Ringhouder                    |                 |                            |              | 1      |         |
| 111  | Kogellager                    |                 |                            |              | 1      |         |
| 111  | Kogellager                    |                 | Aanduiding: 6206.2Z.C3.SYN |              | 1      |         |
| 150  | Stator w/housing              |                 |                            |              | 1      |         |
| 151  | Ventilator                    |                 |                            |              | 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: 62               |              | 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              |                 |                            | 98881543     | 1      |         |
| 181  | Pan head staybolt             |                 |                            |              | 4      |         |
| 111  | Kogellager                    |                 |                            | 99083449     | 1      |         |
| 111  | Kogellager                    |                 | Aanduiding: 6206.2Z.C3.SYN | 99078033     | 1      |         |
| 111  | Kogellager                    |                 | Aanduiding: 6206.2Z.C3.SYN | 97501070     | 1      |         |
| 152  | Pan head thread forming screw |                 |                            | 99834207     | 2      |         |
| 152  | Pan head thread forming screw |                 |                            | 99814578     | 2      |         |
| 186  | Aftapplug                     |                 |                            | 99980519     | 3      |         |
| 251d | Pan head thread forming screw |                 |                            | 98995460     | 4      |         |
| 266  | Connector plug 3-pole         |                 |                            | 99421265     | 1      |         |
| 49   | Waaier                        |                 |                            | 98517619     | 1      | pcs     |