

| Daudzums | Apraksts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| 1        | <p><b>ALPHA1 25-80 N 180</b></p>  <p>Piezīme. Produkta attēls var atšķirties no faktiskā produkta izskata.</p> <p>Produkta Nr.: <a href="#">99199594</a></p> <p>Grundfos ALPHA1 pumps are high-efficiency circulators, designed for circulating liquids in heating systems. With an energy efficiency index (EEI) at the ErP benchmark for most efficient circulators it contributes to energy savings. The ideal choice for basic functionality needs.</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>Intuitive one-button operation makes selection of any control mode simple</li> <li>No external motor protection required reducing installation time</li> <li>High-torque start improves startup under harsh conditions</li> <li>Maintenance free and noiseless due to canned-rotor design and use of robust components</li> <li>ALPHA plug makes electrical installation quick, safe and easy</li> <li>Insulating shells are supplied with pumps to minimize heat loss in heating systems</li> </ul> <p>The pump also features three control modes - each with three settings</p> <ul style="list-style-type: none"> <li>proportional-pressure control</li> <li>constant-pressure control</li> <li>constant-curve mode</li> </ul> <p>The display shows the actual power consumption in Watts. LEDs indicate the actual operating status.</p> <p>The pump has a ceramic shaft and radial bearings, carbon thrust bearing, stainless-steel rotor can, bearing plate and rotor cladding, composite impeller, all of which contribute to long life.</p> <p>The pump is self-venting through the system, which contributes to easy commissioning. The compact design featuring pump head with integrated control box and control panel fits into most common installations.</p> <p>The pump housing is made of stainless steel for applications where the media requires this, e.g. avoiding corrosion when used in domestic hot-water systems.</p> <p>The motor is a synchronous permanent-magnet/compact-stator motor characterized by high efficiency. The pump speed is controlled by an integrated frequency converter incorporated in the control box.</p> <p><b>Šķidrums:</b><br/>       Sūkņējamais šķidrums: Ūdens<br/>       Šķidruma temperatūras diapazons: 0 .. 110 °C<br/>       Izvēlēta šķidruma temperatūra: 60 °C<br/>       Blīvums pie izvēlētajā šķidruma temperatūras: 983.2 kg/m³</p> <p><b>Tehn.:</b><br/>       TF klase: 110<br/>       Apstiprinājumi pases datu plāksnītē: CE,VDE</p> <p><b>Materiāli:</b><br/>       Sūkņa korpusa: Nerūsējošais tērauds<br/>       EN 1.4308<br/>       ASTM A351 CF8<br/>       Darbrats: PES</p> <p><b>Uzstādīšana:</b><br/>       Apkārtējās vides temperatūras diapazons: 0 .. 40 °C<br/>       Maksimālais darba spiediens: 10 bāri<br/>       Cauruļu savienojums: G 1 1/2<br/>       Spiediena pakāpe: PN 10<br/>       Garums no viena pievienojuma līdz otram: 180 mm</p> |

| Daudzums                      | Apraksts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|------------------|------------|-----------------------|-----------|-------------------------------|----------------|---------------------------|-----|----------------------------|---|-----------------|------|-------------|---------|--------------|---------|------------------|----------------------|------------------|---------|
|                               | <p><b>Elektriskie dati:</b></p> <table><tr><td>Ieejas jauda - P1:</td><td>3 .. 50 W</td></tr><tr><td>Tīkla frekvence:</td><td>50 / 60 Hz</td></tr><tr><td>Nominālais spriegums:</td><td>1 x 230 V</td></tr><tr><td>Maksimālais strāvas patēriņš:</td><td>0.04 .. 0.44 A</td></tr><tr><td>Korpusa klase (IEC 34-5):</td><td>X4D</td></tr><tr><td>Izolācijas klase (IEC 85):</td><td>F</td></tr></table> <p><b>Citi:</b></p> <table><tr><td>Enerģija (EEI):</td><td>0.20</td></tr><tr><td>Neto svars:</td><td>2.14 kg</td></tr><tr><td>Bruto svars:</td><td>2.27 kg</td></tr><tr><td>Piegādes apjoms:</td><td>0.004 m<sup>3</sup></td></tr><tr><td>Finnish LVI No.:</td><td>4615334</td></tr></table> | Ieejas jauda - P1: | 3 .. 50 W | Tīkla frekvence: | 50 / 60 Hz | Nominālais spriegums: | 1 x 230 V | Maksimālais strāvas patēriņš: | 0.04 .. 0.44 A | Korpusa klase (IEC 34-5): | X4D | Izolācijas klase (IEC 85): | F | Enerģija (EEI): | 0.20 | Neto svars: | 2.14 kg | Bruto svars: | 2.27 kg | Piegādes apjoms: | 0.004 m <sup>3</sup> | Finnish LVI No.: | 4615334 |
| Ieejas jauda - P1:            | 3 .. 50 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Tīkla frekvence:              | 50 / 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Nominālais spriegums:         | 1 x 230 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Maksimālais strāvas patēriņš: | 0.04 .. 0.44 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Korpusa klase (IEC 34-5):     | X4D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Izolācijas klase (IEC 85):    | F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Enerģija (EEI):               | 0.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Neto svars:                   | 2.14 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Bruto svars:                  | 2.27 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Piegādes apjoms:              | 0.004 m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |
| Finnish LVI No.:              | 4615334                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |           |                  |            |                       |           |                               |                |                           |     |                            |   |                 |      |             |         |              |         |                  |                      |                  |         |

| Apraksts                                     | Vērtība              |
|----------------------------------------------|----------------------|
| <b>Vispārējā informācija:</b>                |                      |
| Produkta nosaukums:                          | ALPHA1 25-80 N 180   |
| Produkta Nr.:                                | 99199594             |
| EAN numurs:                                  | 5712608550348        |
|                                              | 5712608550348        |
| <b>Tehn.:</b>                                |                      |
| Maksimālais spiedienaugsstums:               | 80 dm                |
| TF klase:                                    | 110                  |
| Apstiprinājumi pases datu plāksnītē:         | CE, VDE              |
| Modelis:                                     | B                    |
| <b>Materiāli:</b>                            |                      |
| Sūkņa korpusa:                               | Nerūsējošais tērauds |
|                                              | EN 1.4308            |
|                                              | ASTM A351 CF8        |
| Darbrats:                                    | PES                  |
| <b>Uzstādīšana:</b>                          |                      |
| Apkārtējās vides temperatūras diapazons:     | 0 .. 40 °C           |
| Maksimālais darba spiediens:                 | 10 bāri              |
| Cauruļu savienojums:                         | G 1 1/2              |
| Spiediena pakāpe:                            | PN 10                |
| Garums no viena pievienojuma līdz otram:     | 180 mm               |
| <b>Šķidrums:</b>                             |                      |
| Sūknējamais šķidrums:                        | Ūdens                |
| Šķidruma temperatūras diapazons:             | 0 .. 110 °C          |
| izvēlēta šķidruma temperatūra:               | 60 °C                |
| Blīvums pie izvēlētas šķidruma temperatūras: | 983.2 kg/m³          |
| <b>Elektriskie dati:</b>                     |                      |
| leejas jauda - P1:                           | 3 .. 50 W            |
| Tīkla frekvence:                             | 50 / 60 Hz           |
| Nominālais spriegums:                        | 1 x 230 V            |
| Maksimālais strāvas patēriņš:                | 0.04 .. 0.44 A       |
| Korpuse klase (IEC 34-5):                    | X4D                  |
| Izolācijas klase (IEC 85):                   | F                    |
| Motora aizsardzība:                          | NAV                  |
| Termiskā aizsardzība:                        | ELEC                 |
| <b>Kontrole:</b>                             |                      |
| Automātiskais nakts režīms:                  | N                    |
| Pozīcijas pieslēgkārba:                      | 6H                   |
| <b>Citi:</b>                                 |                      |
| Enerģija (EEI):                              | 0.20                 |
| Neto svars:                                  | 2.14 kg              |
| Bruto svars:                                 | 2.27 kg              |
| Piegādes apjoms:                             | 0.004 m³             |
| Finnish LVI No.:                             | 4615334              |

