

| Daudzums | Apraksts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| 1        | <p><b>ALPHA1 L 15-60 130</b></p>  <p>Piezīme. Produkta attēls var atšķirties no faktiskā produkta izskata.</p> <p>Produkta Nr.: <a href="#">99160574</a></p> <p>Grundfos ALPHA1 L 15-60 130 is a high-efficiency circulator pump with permanent-magnet motor (ECM technology).</p> <p>The pump features three control modes; radiator heating mode, underfloor heating mode and constant curve/constant speed.</p> <p>Furthermore, the speed can be controlled by a low-voltage PWM (Pulse Width Modulation) signal.</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, and the pump is self-venting, which contributes to easy commissioning as well as simple selection of control mode.</p> <p>The compact design featuring pump head with integrated control box and control panel fits into most common installations as well as boilers.</p> <p>The pump and motor form an integral unit without shaft seal. The pump is of the wet-runner design. This means the bearings are lubricated by the pumped liquid. These constructions ensure maintenance-free operation.</p> <p>The pump housing is made of cast iron and is electrocoated to improve the corrosion resistance.</p> <p>The motor is a synchronous permanent-magnet rotor/compact-stator motor. The pump controller is incorporated in the control box, which is fitted to the stator housing and connected to the stator via a terminal plug.</p> <p>Features ALPHA1 L</p> <ul style="list-style-type: none"> <li>• Three constant curves/constant speed.</li> <li>• Radiator heating mode.</li> <li>• Underfloor heating mode.</li> <li>• PWM profile for heating applications (profile A). The PWM signal is a method for generating an analog signal using a digital source.</li> <li>• Energy-optimised, complies with the ErP directive</li> <li>• Unblocking screw, accessible from the front of the control box.</li> <li>• Runs reliably and efficiently under even the most demanding conditions</li> <li>• Adjustable and flexible installer plug, with two possible cable gland positions.</li> </ul> <p>Šķidrums:</p> <p>Sūkņējama šķidrums: Ūdens</p> <p>Šķidruma temperatūras diapazons: 2 .. 95 °C</p> <p>izvēlēta šķidruma temperatūra: 60 °C</p> <p>Blīvums pie izvēlētajā šķidruma temperatūras: 983.2 kg/m³</p> <p>Tehn.:</p> <p>TF klase: 95</p> <p>Apstiprinājumi pases datu plāksnītē: CE,VDE,EAC</p> <p>Materiāli:</p> <p>Sūkņa korpuss: Čuguns</p> <p>EN 1561 EN-GJL-150</p> <p>ASTM ASTM A48-150B</p> <p>Darbrats: Kompozīts/PES 30 % GF</p> <p>Uzstādīšana:</p> <p>Apkārtējās vides temperatūras diapazons: 0 .. 55 °C</p> <p>Maksimālais darba spiediens: 10 bāri</p> |

| Daudzums | Apraksts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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|          | <p>Cauruļu savienojums: G 1<br/>Spiediena pakāpe: PN 10<br/>Garums no viena pievienojuma līdz otram: 130 mm</p> <p>Elektriskie dati:<br/>Ieejas jauda - P1: 4 .. 45 W<br/>Tīkla frekvence: 50 / 60 Hz<br/>Nominālais spriegums: 1 x 230 V<br/>Maksimālais strāvas patēriņš: 0.05 .. 0.42 A<br/>Korpusa klase (IEC 34-5): X4D<br/>Izolācijas klase (IEC 85): F</p> <p>Citi:<br/>Energija (EEI): 0.20<br/>Neto svars: 1.81 kg<br/>Bruto svars: 1.94 kg<br/>Piegādes apjoms: 0.004 m³<br/>Finnish LVI No.: 4615354<br/>Izcelsmes valsts: DK<br/>Muitas tarifa Nr.: 84137030</p> |

| Apraksts                                     | Vērtība               |
|----------------------------------------------|-----------------------|
| <b>Vispārējā informācija:</b>                |                       |
| Produkta nosaukums:                          | ALPHA1 L 15-60 130    |
| Produkta Nr.:                                | 99160574              |
| EAN numurs:                                  | 5712607862589         |
| Cena:                                        | EUR 257.7             |
| <b>Tehn.:</b>                                |                       |
| Maksimālais spiedienaugstums:                | 60 dm                 |
| TF klase:                                    | 95                    |
| Apstiprinājumi pases datu plāksnītē:         | CE,VDE,EAC            |
| Modelis:                                     | C                     |
| <b>Materiāli:</b>                            |                       |
| Sūkņa korpus:                                | Čuguns                |
| Sūkņa korpus:                                | EN 1561 EN-GJL-150    |
| Sūkņa korpus:                                | ASTM ASTM A48-150B    |
| Darbrāts:                                    | Kompozīts/PES 30 % GF |
| <b>Uzstādīšana:</b>                          |                       |
| Apkārtējās vides temperatūras diapazons:     | 0 .. 55 °C            |
| Maksimālais darba spiediens:                 | 10 bāri               |
| Cauruļu savienojums:                         | G 1                   |
| Spiediena pakāpe:                            | PN 10                 |
| Garums no viena pievienojuma līdz otram:     | 130 mm                |
| <b>Šķidrums:</b>                             |                       |
| Sūknējamais šķidrums:                        | Ūdens                 |
| Šķidruma temperatūras diapazons:             | 2 .. 95 °C            |
| Izvēlēta šķidruma temperatūra:               | 60 °C                 |
| Blīvums pie izvēlētas šķidruma temperatūras: | 983.2 kg/m³           |
| <b>Elektriskie dati:</b>                     |                       |
| Ieejas jauda - P1:                           | 4 .. 45 W             |
| Tīkla frekvence:                             | 50 / 60 Hz            |
| Nominālais spriegums:                        | 1 x 230 V             |
| Maksimālais strāvas patēriņš:                | 0.05 .. 0.42 A        |
| Korpusa klase (IEC 34-5):                    | X4D                   |
| Izolācijas klase (IEC 85):                   | F                     |
| Motora aizsardzība:                          | NAV                   |
| Termiskā aizsardzība:                        | ELEC                  |
| <b>Kontrole:</b>                             |                       |
| Pozīcijas pieslēgkārba:                      | 6H                    |
| <b>Citi:</b>                                 |                       |
| Enerģija (EEI):                              | 0.20                  |
| Neto svars:                                  | 1.81 kg               |
| Bruto svars:                                 | 1.94 kg               |
| Piegādes apjoms:                             | 0.004 m³              |
| Finnish LVI No.:                             | 4615354               |
| Izcelsmes valsts:                            | DK                    |
| Muitas tarifa Nr.:                           | 84137030              |

