

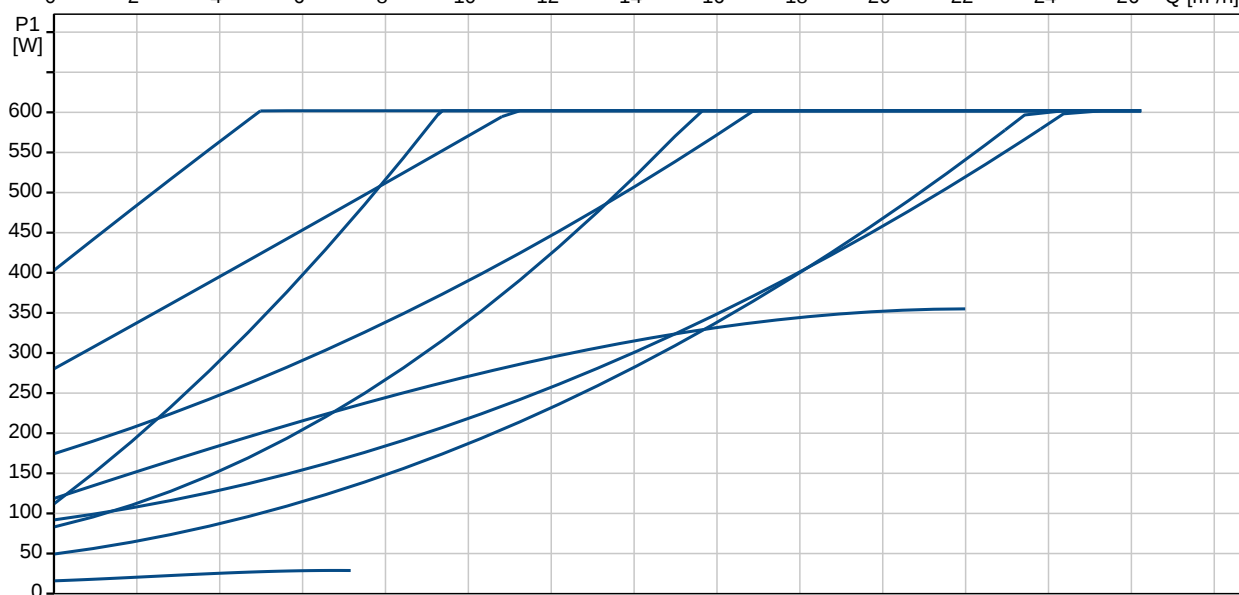
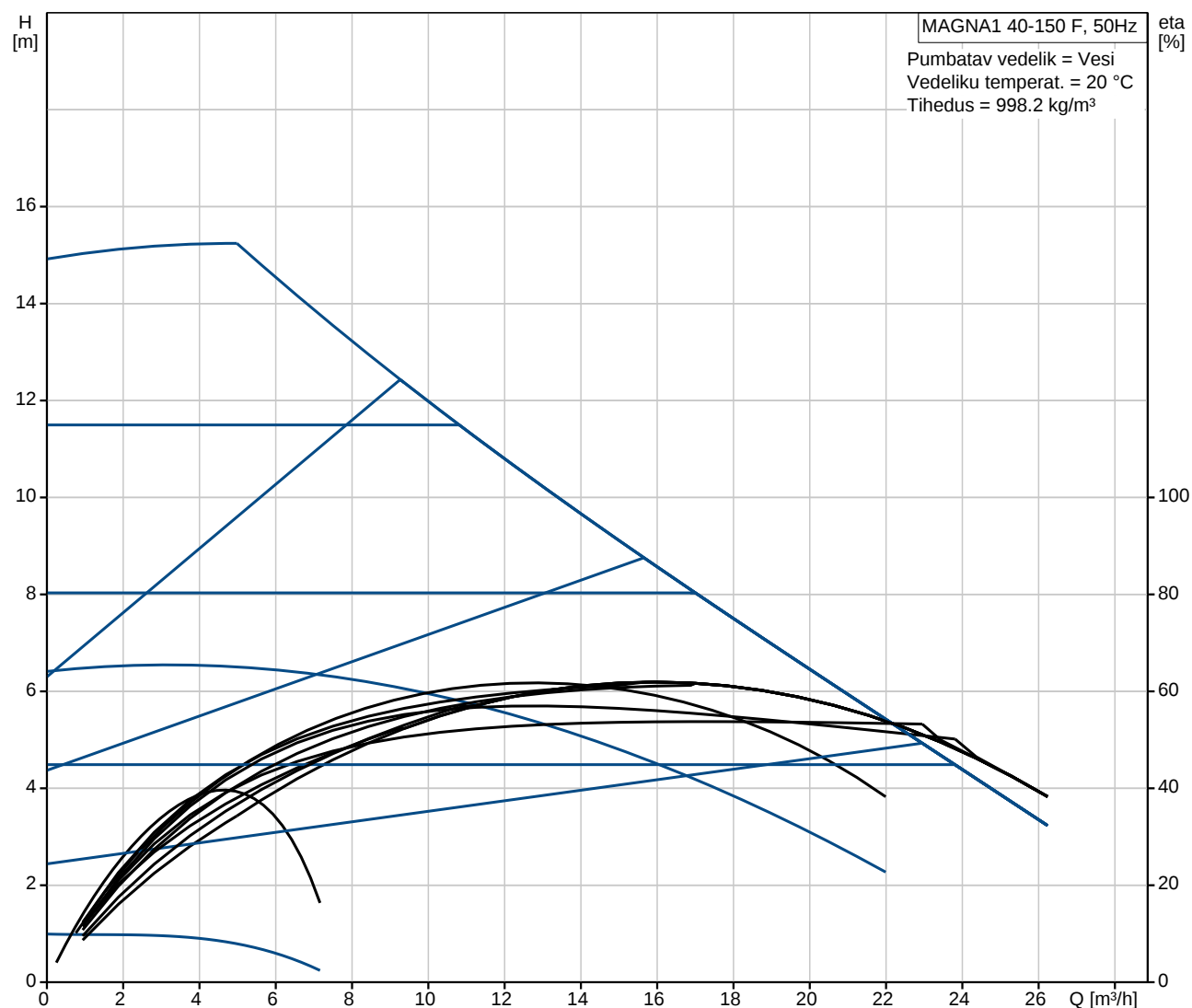
| Positsioon                    | Kogus         | Kirjeldus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |      |                               |               |                 |       |          |             |           |     |
|-------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------------------------|---------------|-----------------|-------|----------|-------------|-----------|-----|
|                               | 1             | <div><div></div><div><p>Märkus! Reaalse toote väljanägemine võib erineda pildil kujutatust.</p><p>Toote kood:: <a href="#">97924179</a></p><p>MAGNA1 circulator pump with easy selection of pump setting<br/>The pump is of the canned-rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing.<br/>The bearings are lubricated by the pumped liquid.<br/>In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.<br/>A pump with no maintenance requirements and extremely low life cycle cost.</p><p>Heating systems</p><ul style="list-style-type: none"><li>• Main pump</li><li>• mixing loops</li><li>• heating surfaces</li><li>• air-conditioning surfaces.</li></ul><p>The MAGNA1 circulator pumps are designed for circulating liquids in heating systems with variable flows where it is desirable to optimise the setting of the pump duty point, thus reducing energy costs. The pumps are also suitable for domestic hot-water systems.</p><p>To ensure correct operation, it is important that the sizing range of the system falls within the duty range of the pump.</p><p>Benefits</p><ul style="list-style-type: none"><li>• Safe selection.</li><li>• Simple installation.</li><li>• Low energy consumption. All MAGNA1 pumps comply with the EuP requirements.</li><li>• Nine light fields for indication of pump setting. Three proportional-pressure curves, three constant-pressure curves and three fixed-speed curves are available.</li><li>• Low noise level.</li><li>• No maintenance and long life.</li></ul><p><b>Vedelik:</b></p><table><tr><td>Pumbatav vedelik:</td><td>Vesi</td></tr><tr><td>Vedeliku temperatuurivahemik:</td><td>-10 .. 110 °C</td></tr><tr><td>Vedeliku temp.:</td><td>20 °C</td></tr><tr><td>Tihedus:</td><td>998.2 kg/m³</td></tr></table><p><b>Tehnilised:</b></p><table><tr><td>TF klass:</td><td>110</td></tr></table></div></div> | Pumbatav vedelik: | Vesi | Vedeliku temperatuurivahemik: | -10 .. 110 °C | Vedeliku temp.: | 20 °C | Tihedus: | 998.2 kg/m³ | TF klass: | 110 |
| Pumbatav vedelik:             | Vesi          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |      |                               |               |                 |       |          |             |           |     |
| Vedeliku temperatuurivahemik: | -10 .. 110 °C |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |      |                               |               |                 |       |          |             |           |     |
| Vedeliku temp.:               | 20 °C         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |      |                               |               |                 |       |          |             |           |     |
| Tihedus:                      | 998.2 kg/m³   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |      |                               |               |                 |       |          |             |           |     |
| TF klass:                     | 110           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |      |                               |               |                 |       |          |             |           |     |



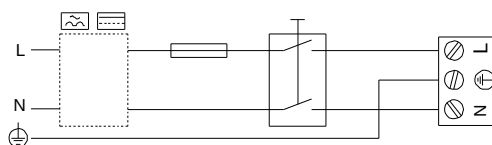
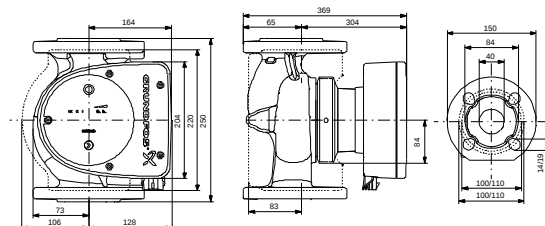
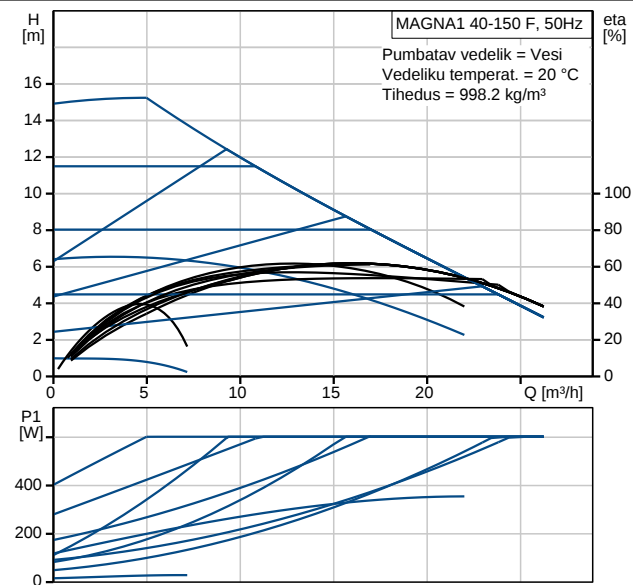
| Positsioon | Kogus | Kirjeldus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |       | <p>Tunnustused sildikul: CE,VDE,EAC</p> <p><b>Materjalid:</b></p> <p>Pumbapesa: Valumalm<br/>EN-GJL-250<br/>ASTM A48-250B</p> <p>Tööratas: PES 30%GF</p> <p><b>Paigaldamine:</b></p> <p>Ümbritseva temperat. vahemik: 0 .. 40 °C<br/>Maks. töösurve: 10 bar<br/>Ääriku standard: DIN<br/>Toruühendus: DN 40<br/>Surveklass: PN6/10<br/>Paigalduspikkus: 250 mm</p> <p><b>Elektriandmed:</b></p> <p>Power input - P1: 16.01 .. 615 W<br/>Maksimaalne voolutarve: 0.18 .. 2.71 A<br/>Vooluvõrgu sagedus: 50 Hz<br/>Nimipinge: 1 x 230 V<br/>Kaitseklass (IEC 34-5): X4D<br/>Isolatsiooniklass (IEC 85): F</p> <p><b>Muu:</b></p> <p>Label: Grundfos Blueflux<br/>Energy (EEI): 0.21<br/>Nettokaal: 16.2 kg<br/>Bruttokaal: 17.7 kg<br/>Tarnemaht: 0.04 m³</p> |



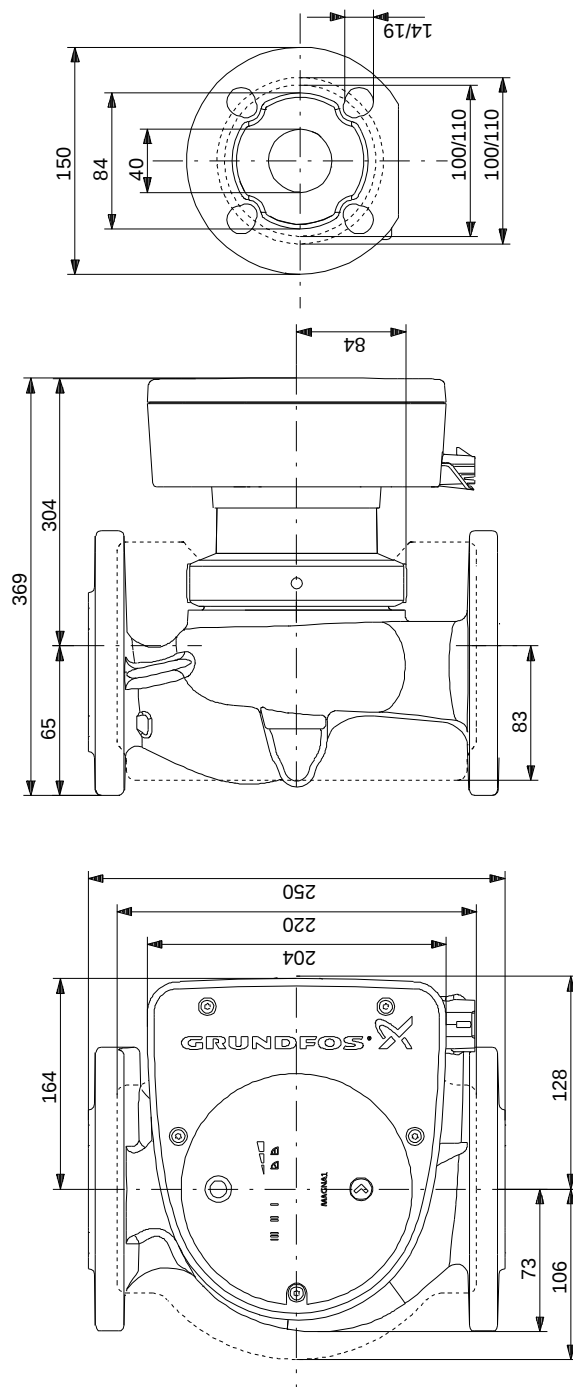
## 97924179 MAGNA1 40-150 F 50 Hz



| Kirjeldus                     | Väärtus           |
|-------------------------------|-------------------|
| Product name:                 | MAGNA1 40-150 F   |
| Product No:                   | 97924179          |
| EAN number:                   | 5710626492534     |
| Hind:                         | Nõudmisel         |
| <b>Tehnilised:</b>            |                   |
| Tõstekõrgus maks.:            | 150 dm            |
| TF klass:                     | 110               |
| Tunnustused sildikul:         | CE,VDE,EAC        |
| Mudel:                        | A                 |
| <b>Materjalid:</b>            |                   |
| Pumbapesa:                    | Valumalm          |
|                               | EN-GJL-250        |
|                               | ASTM A48-250B     |
| Tööratas:                     | PES 30%GF         |
| <b>Paigaldamine:</b>          |                   |
| Ümbritseva temperat. vahemik: | 0 .. 40 °C        |
| Maks. töösurve:               | 10 bar            |
| Ääriku standard:              | DIN               |
| Toruühendus:                  | DN 40             |
| Surveklass:                   | PN6/10            |
| Paigalduspikkus:              | 250 mm            |
| <b>Vedelik:</b>               |                   |
| Pumbatav vedelik:             | Vesi              |
| Vedeliku temperatuurivahemik: | -10 .. 110 °C     |
| Vedeliku temp.:               | 20 °C             |
| Tihedus:                      | 998.2 kg/m³       |
| <b>Elektriandmed:</b>         |                   |
| Power input - P1:             | 16.01 .. 615 W    |
| Maksimaalne voolutarve:       | 0.18 .. 2.71 A    |
| Vooluvõrgu sagedus:           | 50 Hz             |
| Nimipinge:                    | 1 x 230 V         |
| Kaitseklass (IEC 34-5):       | X4D               |
| Isolatsiooniklass (IEC 85):   | F                 |
| <b>Muu:</b>                   |                   |
| Label:                        | Grundfos Blueflux |
| Energy (EEI):                 | 0.21              |
| Nettokaal:                    | 16.2 kg           |
| Bruttokaal:                   | 17.7 kg           |
| Tarnemaht:                    | 0.04 m³           |



**97924179 MAGNA1 40-150 F 50 Hz**



Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.