




Pozīcija	Daudz.	Apraksts	Viena cena
	1	<p><b>MAGNA3 50-180 F</b></p>  <p style="text-align: right;"><b>Uzmanību!</b> Izstrādājuma attēls var atšķirties no faktiskā izstrādājuma izskata.</p> <p>Izstrādājuma Nr.: <a href="#">97924286</a></p> <p><b>MAGNA3 – More than a pump</b>                      With its unrivalled efficiency, all-encompassing range and built-in communication capabilities plus functionalities replacing system components, the MAGNA3 is ideal for engineers and specifiers looking to create high-performance systems for buildings.</p> <p>This pump in the Grundfos Master Class will fit both heating and cooling applications perfectly, making it the obvious choice for almost any building project – old or new.</p> <p>The MAGNA3 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. The bearings are lubricated by the pumped liquid.</p> <p>The innovative clamp with only one screw enables easy repositioning of the pump head.</p> <p>The MAGNA3 is a pump with no maintenance requirements and with extremely low Life Cycle Cost.</p> <p>The pump is characterised by the following:</p> <ul style="list-style-type: none"> <li>• controller integrated in the control box</li> <li>• control panel with TFT display on the control box</li> <li>• control box prepared for optional CIM modules</li> <li>• built-in differential-pressure and temperature sensor</li> <li>• cast-iron pump housing (depending on model)</li> <li>• carbon-fibre-reinforced composite rotor can</li> <li>• stainless-steel bearing plate and rotor cladding</li> <li>• aluminium alloy stator housing</li> <li>• air-cooled power electronics</li> </ul> <p>The MAGNA3 is a single-phase pump.</p> <p>Characteristic features</p> <ul style="list-style-type: none"> <li>• AUTOADAPT.</li> <li>• FLOWADAPT and FLOWLIMIT (more than a pump function as it reduces the need for pump throttling valves).</li> <li>• Proportional-pressure control.</li> <li>• Constant-pressure control.</li> <li>• Constant-temperature control.</li> <li>• Constant-curve duty.</li> <li>• Max. or min. curve duty.</li> <li>• Automatic Night Setback.</li> <li>• No external motor protection required.</li> <li>• Insulating shells supplied with single-head pumps for heating systems.</li> </ul>	



- Large temperature range where the liquid temperature and the ambient temperature are independent of each other.

#### Communication

The MAGNA3 enables communication via the following:

- wireless Grundfos GO Remote
- fieldbus communication via CIM modules
- digital inputs
- relay outputs
- analog input (more than a pump function as heat energy meter)

#### Motor and electronic controller

The MAGNA3 incorporates a 4-pole synchronous, permanent-magnet motor (PM motor). This motor type is characterised by higher efficiency than a conventional asynchronous squirrel-cage motor.

The pump speed is controlled by an integrated frequency converter. A differential-pressure and temperature sensor is incorporated in the pump.

#### Šķidrums:

Sūknējamais šķidrums: Ūdens  
Šķidruma temperatūras diapazons: -10 .. 110 °C  
Liquid temp: 20 °C  
Blīvums: 998.2 kg/m<sup>3</sup>

#### Technical:

TF klase: 110  
Apstiprinājumi pases datu plāksnītē: CE,VDE,PCT

#### Materiāli:

Sūkņa korpuss: Čuguns  
EN-GJL-250  
ASTM A48-250B  
Sūkņrats: PES 30%GF

#### Uzstādīšana:

Apkārtējās vides temperatūras diapazons: 0 .. 40 °C  
Maks. darba spiediens: 10 bar  
Standarta atloks: DIN  
Pievienojums: DN 50  
Spiediena pakāpe: PN6/10  
Garums no viena pievienojuma līdz otram: 280 mm

#### Elektriskie dati:

Ieejas jauda P1: 23 .. 762 W  
Maksimālais strāvas patēriņš: 0.24 .. 3.35 A  
Tīkla frekvence: 50 Hz  
Nominālais spriegums: 1 x 230 V  
Korpusa klase (IEC 34-5): X4D  
Izolācijas klase (IEC 85): F

#### Citi:

Label: Grundfos Blueflux  
Energy (EEI): 0.17  
Neto svars: 19 kg  
Bruto svars: 21.2 kg  
Piegādes tilpums: 0.046 m<sup>3</sup>

Apraksts	Vērtība
Izstrādājuma nosaukums:	MAGNA3 50-180 F
Izstrādājuma Nr.:	97924286
EAN numurs:	5710626493616

Technical:	
Maks. sūkn. augstums:	180 dm
TF klase:	110
Apstiprinājumi pases datu plāksnītē:	CE, VDE, PCT
Modelis:	A

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	EN-GJL-250
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Sūkņkrats:	PES 30%GF

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Standarta atloks:	DIN
Pievienojums:	DN 50
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