

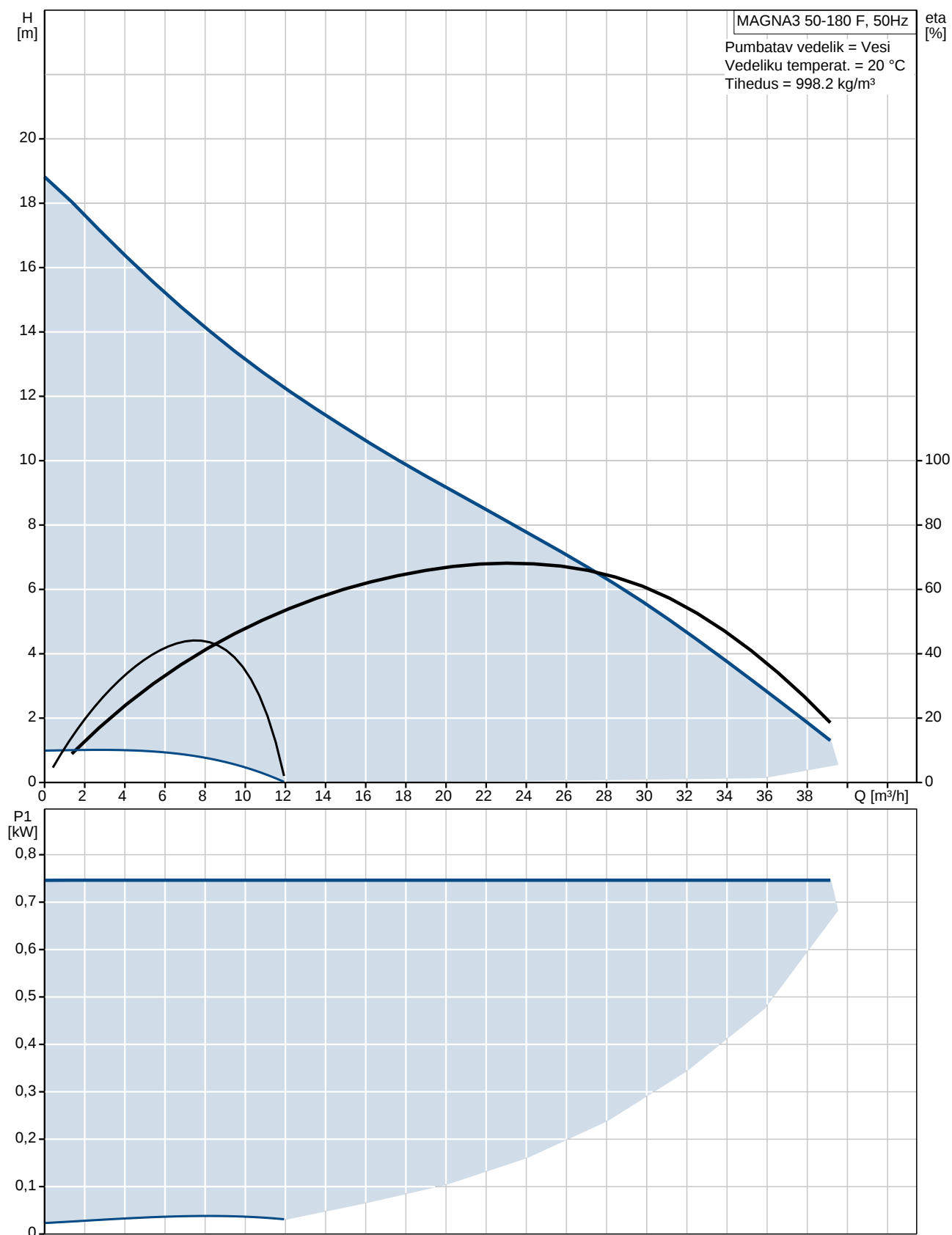
Positsioon	Kogus	Kirjeldus
	1	MAGNA3 50-180 F  Märkus! Reaalse toote väljanägemine võib erineda pildil kujutatust. Toote kood:: 97924286 MAGNA3 – More than a pump With its unrivalled efficiency, all-encompassing range and built-in communication capabilities plus functionalities replacing system components, the MAGNA3 is ideal for engineers and specifiers looking to create high-performance systems for buildings. 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. 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. The innovative clamp with only one screw enables easy repositioning of the pump head. The MAGNA3 is a pump with no maintenance requirements and with extremely low Life Cycle Cost. The pump is characterised by the following: • controller integrated in the control box • control panel with TFT display on the control box • control box prepared for optional CIM modules • built-in differential-pressure and temperature sensor • cast-iron pump housing (depending on model) • carbon-fibre-reinforced composite rotor can • stainless-steel bearing plate and rotor cladding • aluminium alloy stator housing • air-cooled power electronics The MAGNA3 is a single-phase pump. Characteristic features • AUTOADAPT. • FLOWADAPT and FLOWLIMIT (more than a pump function as it reduces the need for pump throttling valves). • Proportional-pressure control. • Constant-pressure control. • Constant-temperature control. • Constant-curve duty. • Max. or min. curve duty. • Automatic Night Setback. • No external motor protection required. • Insulating shells supplied with single-head pumps for heating systems. • Large temperature range where the liquid temperature and the ambient temperature are independent of each other.



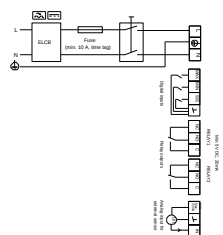
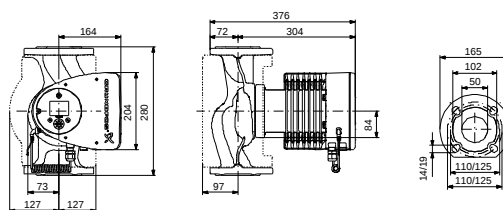
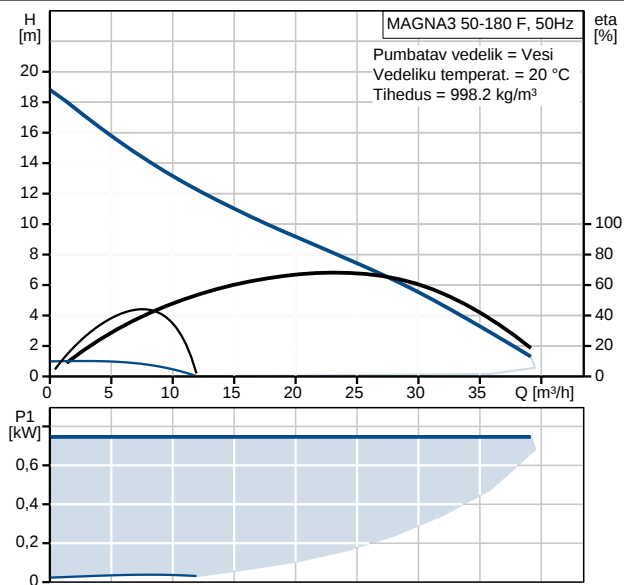
Positsioon	Kogus	Kirjeldus
		Communication The MAGNA3 enables communication via the following: • wireless Grundfos GO Remote • fieldbus communication via CIM modules • digital inputs • relay outputs • analog input (more than a pump function as heat energy meter) Motor and electronic controller The MAGNA3 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. Vedelik: Pumbatav vedelik: Vesi Vedeliku temperatuurivahemik: -10 .. 110 °C Vedeliku temp.: 20 °C Tihedus: 998.2 kg/m³ Tehnilised: TF klass: 110 Tunnustused sildikul: CE,VDE,EAC Materjalid: Pumbapesa: Valumalm EN-GJL-250 ASTM A48-250B Tööratas: PES 30%GF Paigaldamine: Ümbritseva temperat. vahemik: 0 .. 40 °C Maks. töösurve: 10 bar Ääriku standard: DIN Toruühendus: DN 50 Surveklass: PN6/10 Paigalduspikkus: 280 mm Elektriandmed: Power input - P1: 23 .. 762 W Maksimaalne voolutarve: 0.24 .. 3.35 A Vooluvõrgu sagedus: 50 Hz Nimipinge: 1 x 230 V Kaitseklass (IEC 34-5): X4D Isolatsiooniklass (IEC 85): F Muu: Label: Grundfos Blueflux Energy (EEI): 0.17 Nettokaal: 19 kg Bruttokaal: 21.2 kg Tarnemaht: 0.046 m³



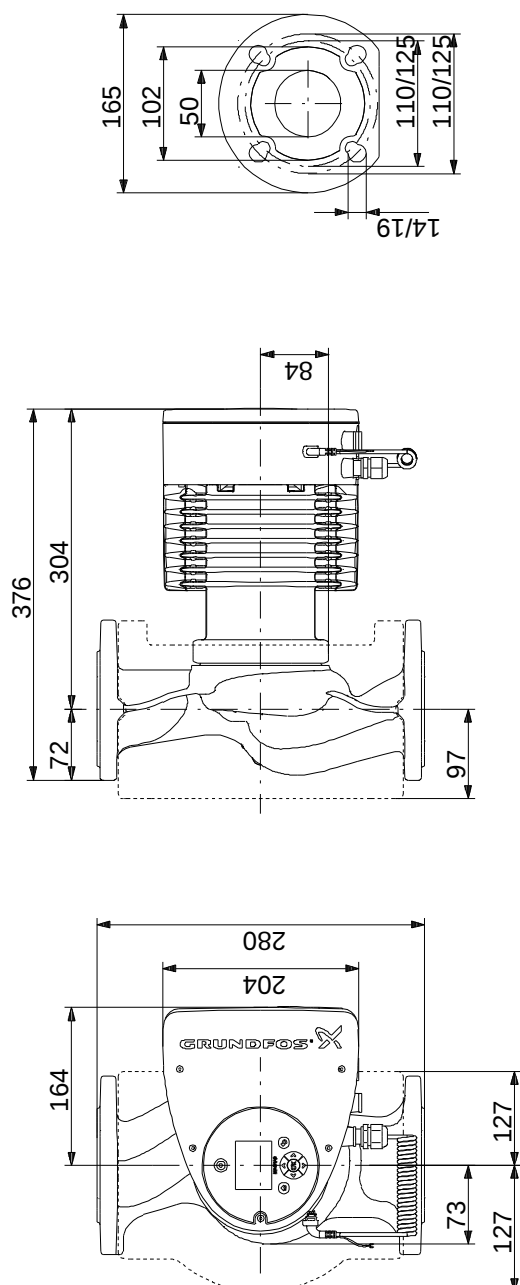
97924286 MAGNA3 50-180 F 50 Hz



Kirjeldus	Väärtus
Product name:	MAGNA3 50-180 F
Product No:	97924286
EAN number:	5710626493616
Hind:	Nõudmisel
Tehnilised:	
Tõstekõrgus maks.:	180 dm
TF klass:	110
Tunnustused sildikul:	CE,VDE,EAC
Mudel:	A
Materjalid:	
Pumbapesa:	Valumalm
	EN-GJL-250
	ASTM A48-250B
Tööratas:	PES 30%GF
Paigaldamine:	
Ümbritseva temperat. vahemik:	0 .. 40 °C
Maks. töösurve:	10 bar
Ääriku standard:	DIN
Toruühendus:	DN 50
Surveklass:	PN6/10
Paigalduspikkus:	280 mm
Vedelik:	
Pumbatav vedelik:	Vesi
Vedeliku temperatuurivahemik:	-10 .. 110 °C
Vedeliku temp.:	20 °C
Tihedus:	998.2 kg/m³
Elektriandmed:	
Power input - P1:	23 .. 762 W
Maksimaalne voolutarve:	0.24 .. 3.35 A
Vooluvõrgu sagedus:	50 Hz
Nimipinge:	1 x 230 V
Kaitseklass (IEC 34-5):	X4D
Isolatsiooniklass (IEC 85):	F
Muu:	
Label:	Grundfos Blueflux
Energy (EEI):	0.17
Nettokaal:	19 kg
Bruttokaal:	21.2 kg
Tarnemaht:	0.046 m³



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