

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
	TYPE OF SERVICE:	
REPRESENTATIVE:	SUBMITTED BY:	DATE:
ENGINEER:	APPROVED BY:	DATE:
CONTRACTOR:	ORDER NO.:	DATE:

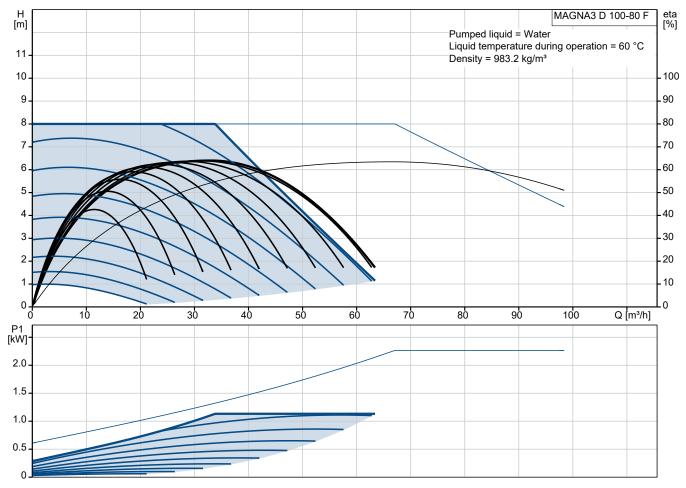


MAGNA3 D 100-80 F

The MAGNA3 D circulator pump means double the performance and reduced downtime due to the three multipump modes: Alternating, backup and cascade operation. The two pumps communicate wirelessly. The MAGNA3 D is ideal for high-performance heating and cooling applications.

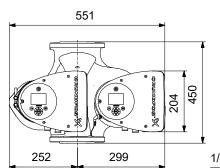
Note! Product picture may differ from actual product

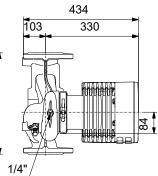
Conditions of Service		Pump Data	Pump Data Motor		
Liquid: Temperature: Specific Gravity:	Water 60 °C 0.985	Maximum operating pressure: Liquid temperature range: Maximum ambient temperature: Flange standard: Pipe connection: Product number:	6 bar -10 110 °C 40 °C DIN DN 100 On request	P1 max: Mains frequency: Enclosure class: Insulation class:	32 1133 W 50 / 60 Hz X4D F

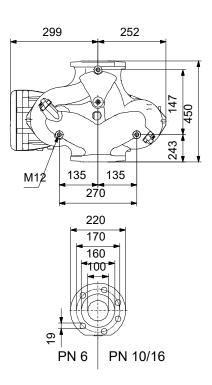




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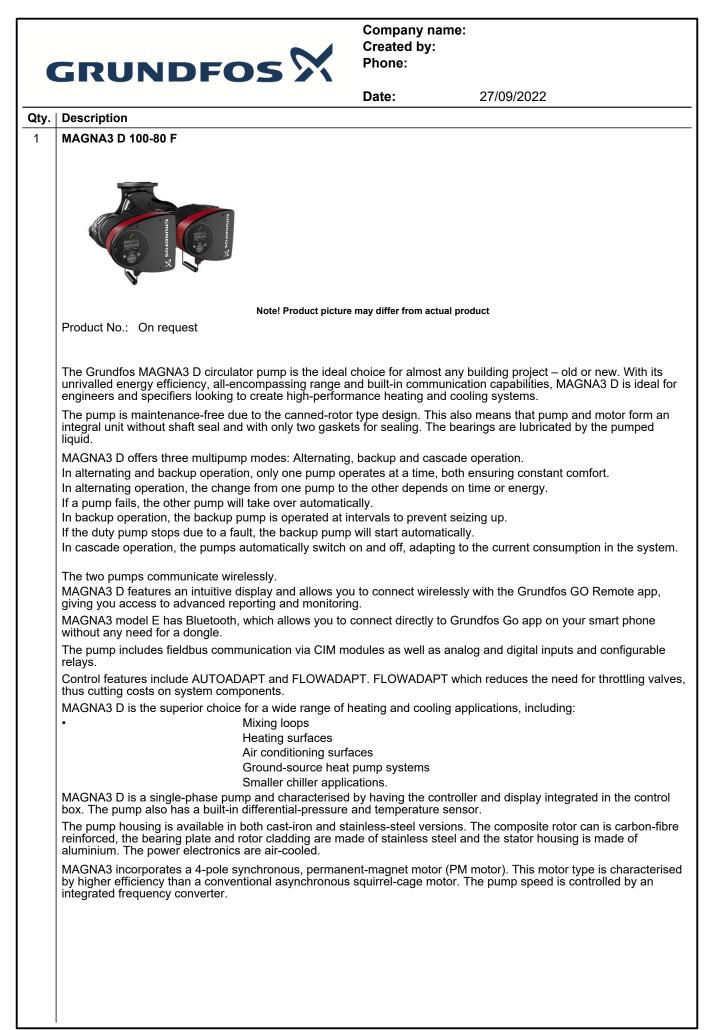


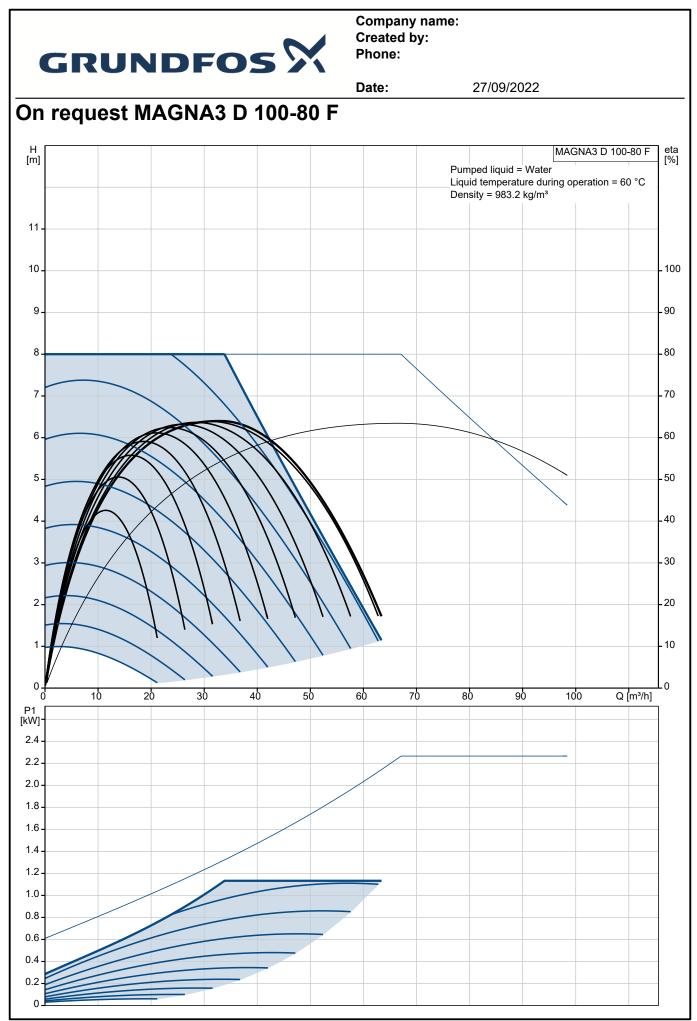




Materials:

Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM A48-250B
Impeller:	PES 30%GF

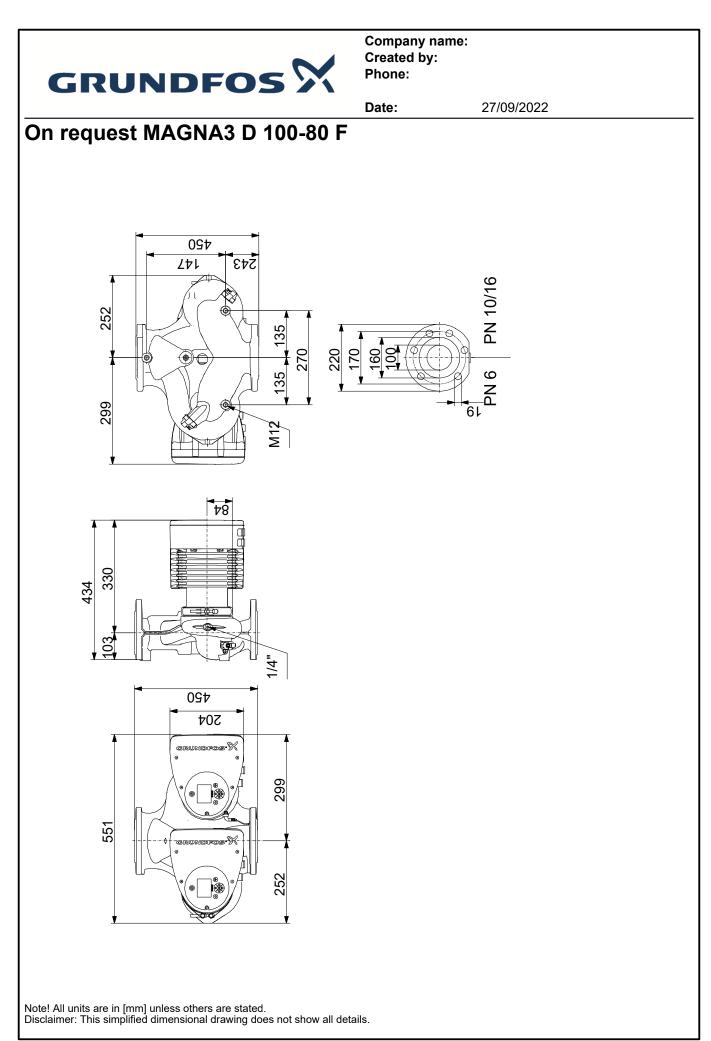


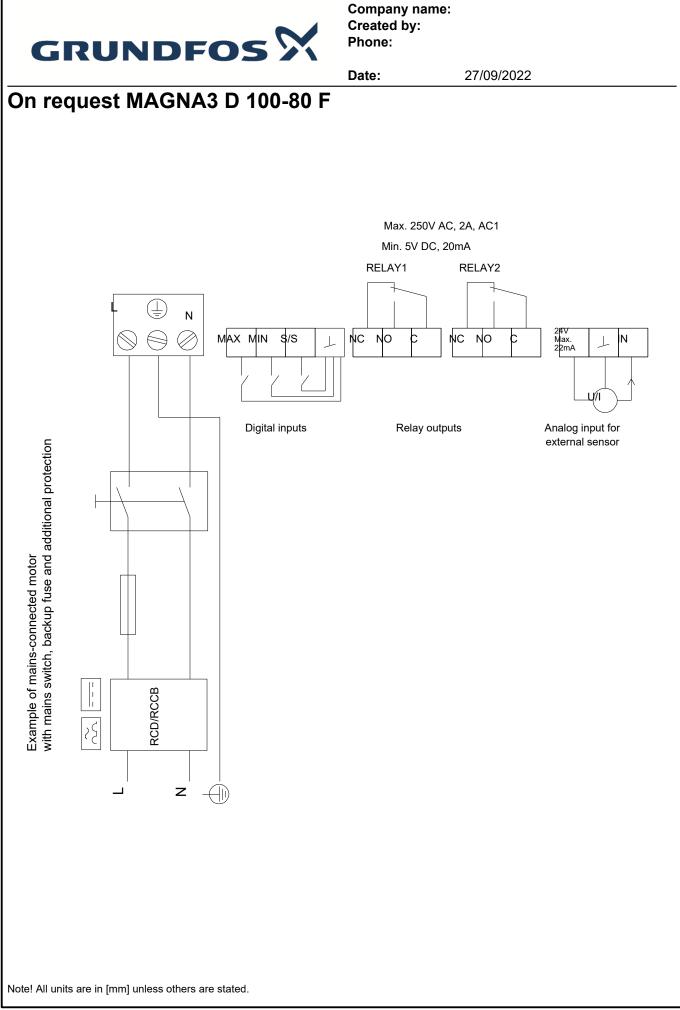




Company name: Created by: Phone:

		Date:	27/09/2	:022	
Description	Value	H [m]		Ν	MAGNA3 D 100-80 F
General information:	- Taldo			d liquid = Water	
Product name:	MAGNA3 D 100-80 F	11 -		emperature durin r = 983.2 kg/m ³	g operation = 60 °C
Product No:	On request	-	-		
EAN number:	On request	10 -			
Technical:	0	9 _			
Rated flow:	32.88 m³/h	-			
Rated head:	8.237 m	8-			
Head max:	80 dm	7			
TF class:	110				
Approvals:	CE,VDE,EAC,MOROCCO,UKCA, TSERCM,UkrSEPRO	6- 5-			
Model:	D				\mathbf{i}
Materials:		4			
Pump housing:	Cast iron	3-	X N N N	N I	
Pump housing:	EN-GJL-250	2			
Pump housing:	ASTM A48-250B		$1 \times 1 / 1 / 1 / 1$	· / •	
Impeller:	PES 30%GF	1	/////		
Installation:			////		
Range of ambient temperature:	0 40 °C	0 2	0 40	60 80	Q [m³/h]
Maximum operating pressure:	6 bar	P1 [kW] -			
Flange standard:	DIN				
Pipe connection:	DN 100	2.0			
Pressure rating:	PN 6	-			
Port-to-port length:	450 mm	1 .5			
Liquid:	100 mm	_			
Pumped liquid:	Water	1.0			
Liquid temperature range:	-10 110 °C				
Selected liquid temperature:	60 °C	0.5			
Density:	983.2 kg/m ³	0			
Electrical data:	905.2 kg/m				
Power input - P1:	32 1133 W				
-	50 / 60 Hz	551	43		299 252
Mains frequency:	1 x 230 V				
Rated voltage [V]:	0.33 5.08 A	A.P.			
Maximum current consumption:	X4D				
Enclosure class (IEC 34-5):					
Insulation class (IEC 85):	F	252	299 1/4"	<u>M1</u>	270
Others:	0.47				220
Energy (EEI):	0.17				170 160
Net weight:	61.9 kg				
Gross weight:	71.7 kg				
Shipping volume:	0.207 m ³				
Swedish RSK No.:	5732556				PN 6 PN 10/16
Norwegian NRF no.:	9042804				
Country of origin:	DE				
Custom tariff no.:	84137030	Example of mains-con	nected motor		
Environmental approvals:	CN ROHS,WEEE		kup fuse and additional protection		
				- 0 -	
		RCD/RCCB		Đ 🕀	
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Position

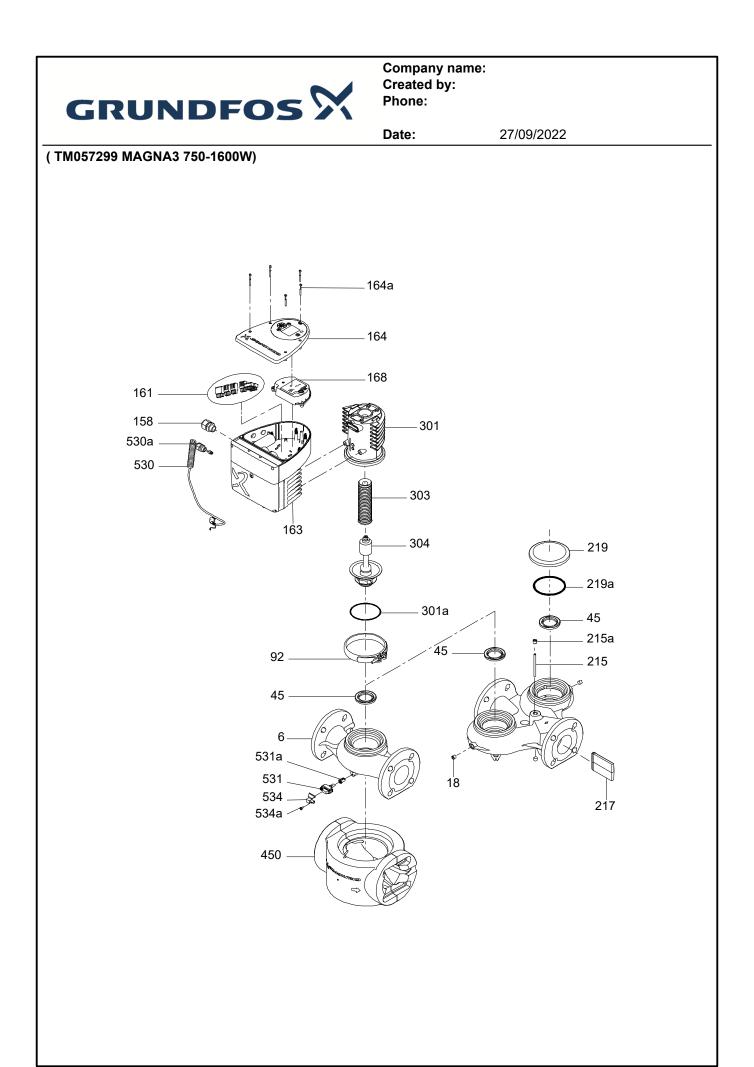
Company name: Created by: Phone:

 Date: 27/09/2022

 Order Data:
 Product name
 Amount
 Product No
 Total

 MAGNA3 D 100-80 F
 1
 On request
 Price on request

Deviate of free as 2 and				
Printed from Grui	ndfos Product Centr	e [2022.41.006]		





Company name: Created by: Phone:

27/09/2022

Spare parts MAGNA3 D 100-80 F, Product No. On request Produced After 1732 (production year and week number)

Pos	Description	Annotation	Classification Data	Part no.	Qty		Un
	Kit, Connector plugs			98357861	1		ocs
161	Plug cpl.					1	
159b	Connector plug 4-pole						
159b	Connector plug 3-pole						
159b	Connector plug 3-pole						
	Kit, Cont. box cover front end			99341976	1	ŗ	oc
164a	Screw DELTA PT					5	
164	Cover					1	
	Kit, Control box conf. Head I			99335004	1	r	oc
	Kit,control box non-configured			988595		1 1	
163	Control box cpl.					•	
100	Control box						
	Box						
530	Cable						
164	Cover						
501	Displayboard cpl.						
100	Displayboard cpl.						
168	Displayboard, SMD						
163	Control box						
531	Sensor						
531a	Sealing cap						
	GSC					1	
	Kit, Control box conf. Head II			99335066	1	F	oc
	Kit,control box non-configured			988595	586	1	
163	Control box cpl.						
	Control box						
	Box						
530	Cable						
164	Cover						
501	Displayboard cpl.						
	Displayboard cpl.						
168	Displayboard, SMD						
163	Control box						
531	Sensor						
531a	Sealing cap						
oora	Kit, Displayboard			99338995	1	r	oc
163b	Compression spring			33330333		۱ 4	50
164a							
						5	
164	Cover Displayhound and					1	
501	Displayboard cpl.					1	
100	Displayboard cpl.						
168	Displayboard, SMD			0044077			
~~	Kit, Pump head			98148757	1		oc
92	Clamp cpl.					1	
301	Pump head					1	
	Stator w/housing cpl.						
301	Stator housing						
303	Rotor can cpl.						
304	Shaft w/impeller cpl.						
	Bearing plate cpl.						
301a	O-ring						
	Kit, Sensor			99313067	1	r	oc
						r	



Company name: Created by: Phone:

_			Date	27	/09/2022		
	Pos	Description	Annotation	Classification Data	Part no.	Qty	. Unit
-	531	Sensor					1
	531a	Sealing cap					
	534a	Pan head thread forming screw					1
	534	Bracket					1
-		Kit, Sensor			99313072	1	pcs
	530	Cable					10
-	531	Sensor					10
	531a	Sealing cap					
-		Kit, Valve flap			96407258	1	pcs
	215	Guide pin					1
	217	Valve flap					1
-		Spare, Clamp			98148759	1	pcs
	92	Clamp cpl.					1
-		Spare, O-ring			98148761	1	pcs
	301a	O-ring					1
-		Spare, Sealing cap			98613455	1	pcs
	531a	Sealing cap					1
-		Pump housing cpl.			98660084	1	pcs
	18	Pipe plug			965476	615	2
	45	Neck ring cpl.			992441	94	2
	301a	O-ring			92780122	1	pcs
	301a	O-ring			98660099	1	pcs
	531a	Sealing cap			98708139	1	pcs