

Submittal Data

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

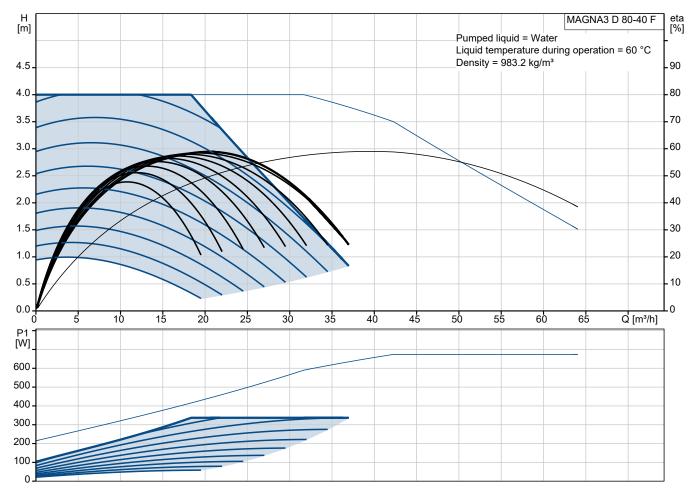


MAGNA3 D 80-40 F

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.

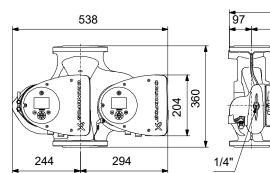
Note! Product picture may differ from actual product

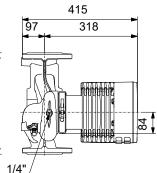
Conditions of Service		Pump Data	Pump Data		Motor Data		
Liquid: Water Temperature: 60 °C Specific Gravity: 0.985		Maximum operating pressure: Liquid temperature range: Maximum ambient temperature: Flange standard: Pipe connection: Product number:	6 bar -10 110 °C 40 °C DIN DN 80 On request	P1 max: Mains frequency: Enclosure class: Insulation class:	26 337 W 50 / 60 Hz X4D F		

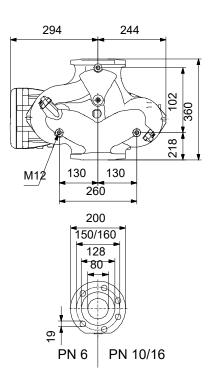




Submittal Data

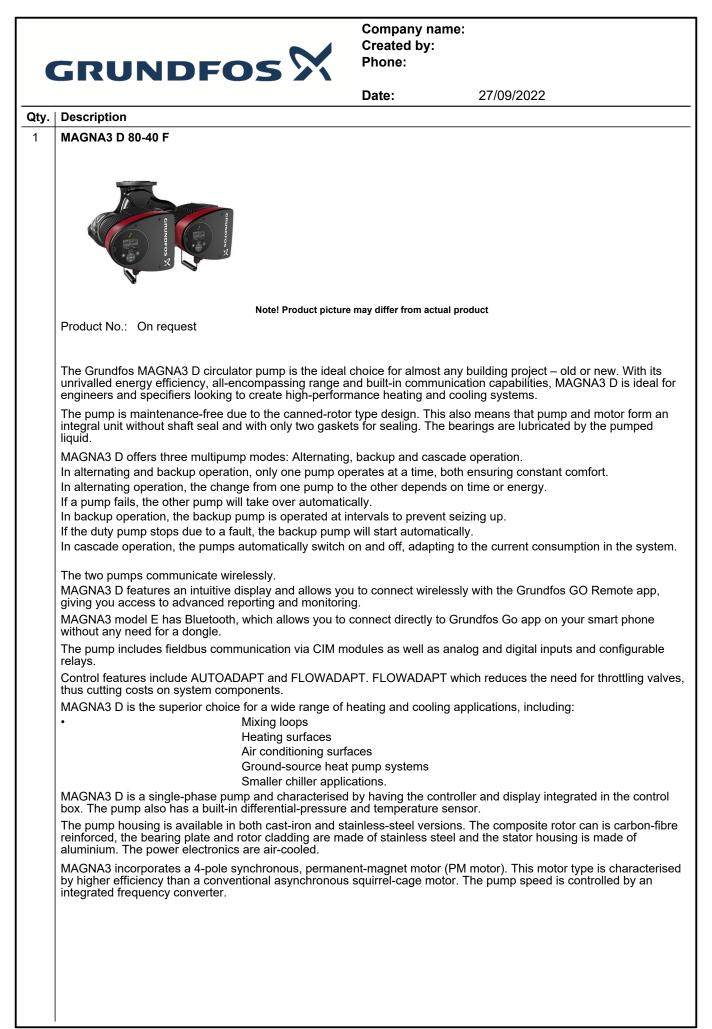






Materials:

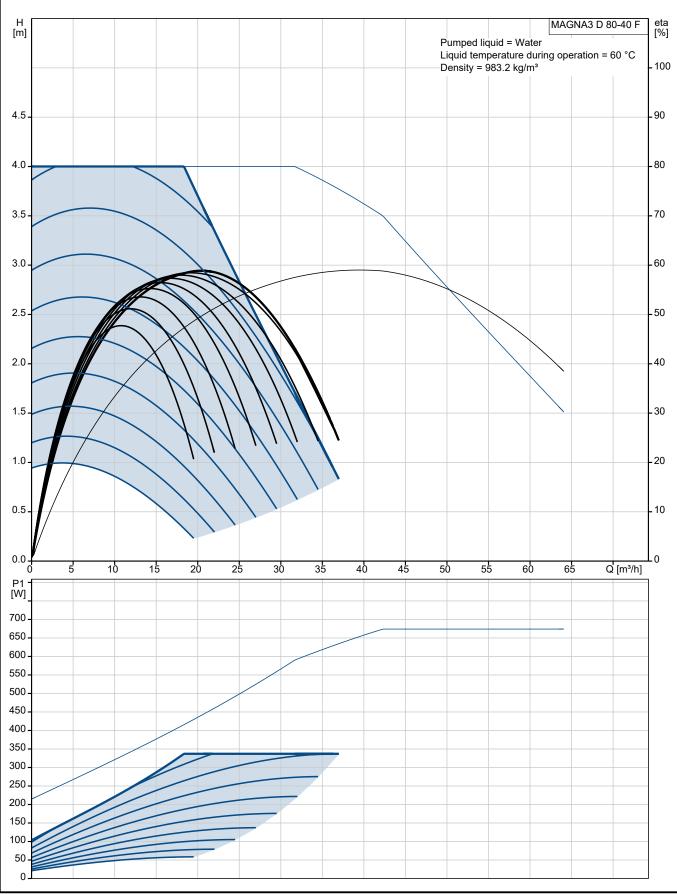
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM A48-250B
Impeller:	PES 30%GF





27/09/2022

On request MAGNA3 D 80-40 F



Printed from Grundfos Product Centre [2022.41.006]



Description General information: Product name: Product No: EAN number:	Value MAGNA3 D 80-40 F	(m)	Pumped liquid = Water
General information: Product name: Product No: EAN number:	MAGNA3 D 80-40 F	-	Pumped liquid = Water
Product No: EAN number:	MAGNA3 D 80-40 F		Liquid temperature during operation = 60 °C
EAN number:		-	Density = 983.2 kg/m^3
	On request	4.5 -	
	On request	4.0	
Fechnical:	•	4.0	
Rated flow:	20.08 m³/h	3.5	
Rated head:	3.688 m		
Head max:	40 dm	3.0	
TF class:	110		
Approvals:	CE,VDE,EAC,MOROCCO,UKCA, TSERCM,UkrSEPRO	2.5	
Model:	D	2.0	
Materials:		1.5	
Pump housing:	Cast iron		
Pump housing:	EN-GJL-250	1.0	
Pump housing:	ASTM A48-250B		
mpeller:	PES 30%GF	0.5	
nstallation:		0.0	
Range of ambient temperature:	0 40 °C	- Ö 1Ò	20 30 40 50 60 Q [m ³ /h]
Maximum operating pressure:	6 bar	P1 - [W]	
Flange standard:	DIN		
Pipe connection:	DN 80	600 -	
Pressure rating:	PN 6	500 -	
Port-to-port length:	360 mm	400 -	
Liquid:		- /	
Pumped liquid:	Water	300 -	
_iquid temperature range:	-10 110 °C	200	
Selected liquid temperature:	60 °C	100	
Density:	983.2 kg/m³	0	
Electrical data:			
Power input - P1:	26 337 W		
Mains frequency:	50 / 60 Hz	538	
Rated voltage [V]:	1 x 230 V		
Maximum current consumption:	0.28 1.55 A		
Enclosure class (IEC 34-5):	X4D		
nsulation class (IEC 85):	F	244	
Others:	·	a 44	294 <u>1/4"</u> / <u>M1</u> 2 <u>130</u> <u>130</u> 260
Energy (EEI):	0.17		200 150/160
Net weight:	47.2 kg		
Gross weight:	54.9 kg		
Shipping volume:	0.207 m ³		
Swedish RSK No.:	5732549		PN 6 PN 10/16
Norwegian NRF no.:	9042796		1
Country of origin:	DE		
Custom tariff no.:	84137030		
Environmental approvals:	CN ROHS,WEEE	Example of mains-conne with mains switch, back	scted motor p fuse and additional protection
	0.110.10,1122		
		<u>▶</u>	

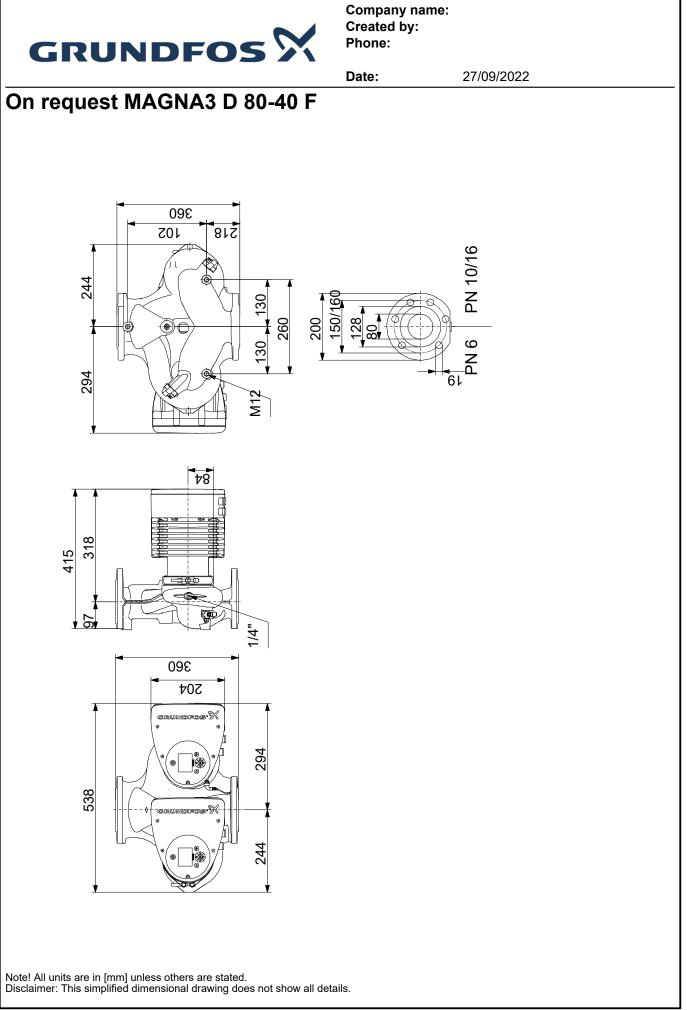
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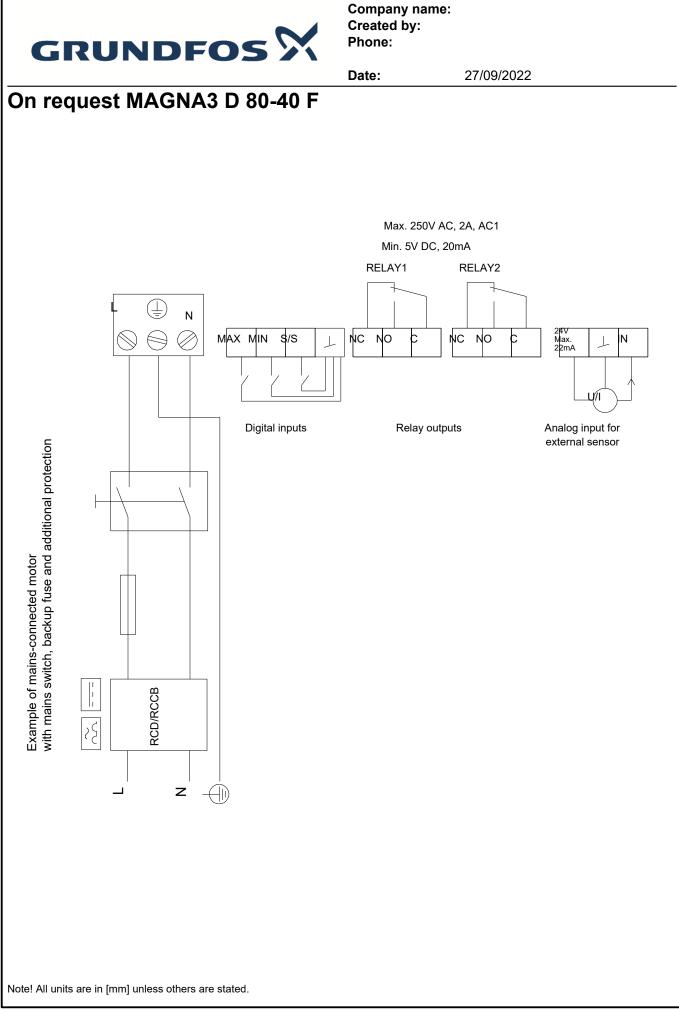
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Position

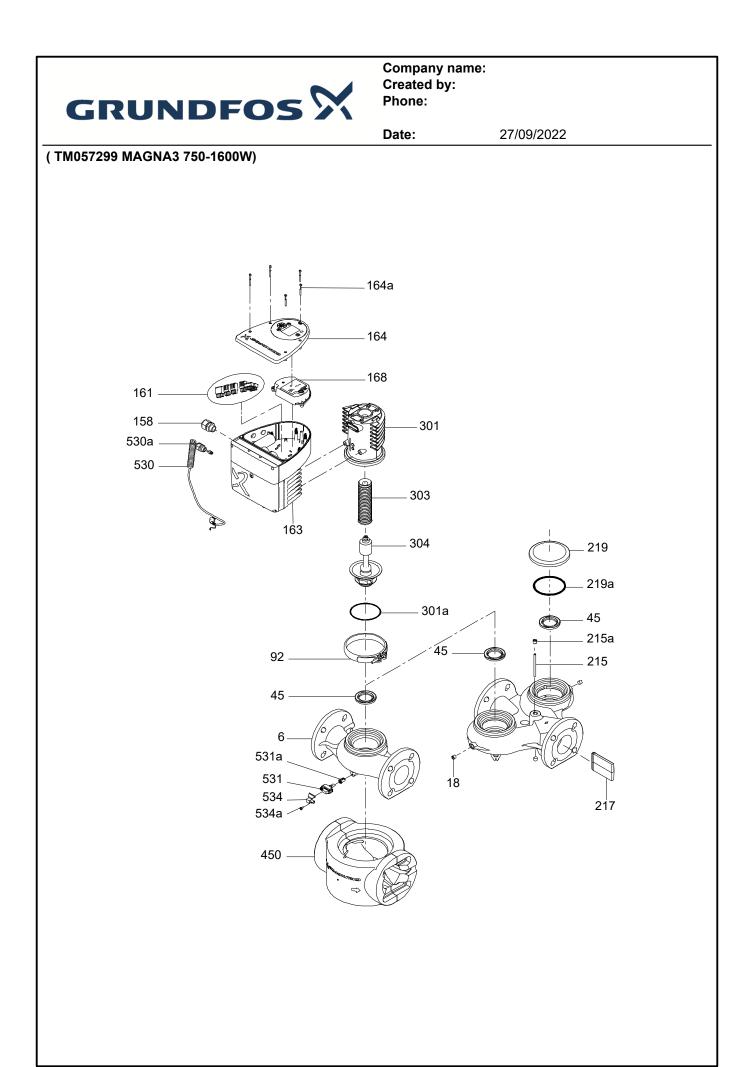
Company name: Created by: Phone:

 Date:
 27/09/2022

 Order Data:
 Product No
 Total

 MAGNA3 D 80-40 F
 1
 On request
 Price on request

 Printed from Grundfos Product Centre [2022.41.006]





27/09/2022

Spare parts MAGNA3 D 80-40 F, Product No. On request Produced After 1732 (production year and week number)

Pos	Description	Annotation	Classification Data	Part no.	Qty		Uni
-	Kit, Connector plugs			98357861	1		pcs
• 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		pcs
164a	Screw DELTA PT					5	
164	Cover					1	
•	Kit, Control box conf. Head I			99333775	1		pcs
	Kit,control box non-configured			988595	585	1	
•	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						
	GSC					1	
	Kit, Control box conf. Head II			99334479	1		pcs
	Kit,control box non-configured			988595	585	1	
	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						
	Kit, Displayboard			99338995	1		pcs
163b	Compression spring					4	
164a	Screw DELTA PT					5	
164	Cover					1	
501	Displayboard cpl.					1	
	Displayboard cpl.						
168	Displayboard, SMD						
•	Kit, Pump head			98148755	1		pcs
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						
0010	Kit, Sensor			99313067	1		pcs
	KIT Sensor						



_			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				1	0
-	531	Sensor				1	0
	531a	Sealing cap					
-		Kit, Valve flap			96407257	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.			0000002	1	pcs
	45	Neck ring cpl.			992441		
	215a	Pipe plug			965476	15 2	
	301a	O-ring			92780122	1	pcs
	301a	O-ring			98660099	1	pcs
	531a	Sealing cap			98708139	1	pcs