	GRUNDFO	25	Company r Created by Phone:				
			Date:	17/04/2020			
1.	Description						
	MAGNA1 50-80 F						
	NEW MAGNA						
		Note! Product pictur	e may differ from a	actual product			
	Product No.: 99221334						
	The new MAGNA1 is the simple	option for a job well	done. It is the p	erfect choice when replacing older circula	ators		
	The new MAGNA1 is the simple option for a job well done. It is the perfect choice when replacing older circulators and due to its compliance with the EuP 2015 regulations, substantial savings on electricity is a reality. The ideal						
	choice for basic performance ne	eds in applications w	here basic syst	em control and monitoring is desired.			
			· · · · · · · · · · · · · · · · · · ·	<b>3</b>			
	Manitarian de fault a		of motion of				
	Monitoring via the fault re						
	Digital start/stop input ava						
	Continuous operation and reduced downtime with the wireless twin pump function (available on twin-head						
	pumps)						
	High energy efficiency res	sulting in substantial	savings on elec	stricity			
	Easy setup and operation			,			
	No maintenance due to the canned-rotor type design.						
	MAGNA1 is the simple and effici	ent choice for most a	applications incl	uding			
	Heating						
	- Main pump						
	- Mixing loops						
	- Heating surfaces						
	-						
	Cooling						
	<ul> <li>Air conditioning surface</li> </ul>						
	<ul> <li>Ground source heat p</li> </ul>	ump systems					
	<ul> <li>Smaller chiller applica</li> </ul>	tions					
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	-10 110 °C					
	Selected liquid temperature:	60 °C					
	Density:	983.2 kg/m³					
	Technical:						
		110					
	TF class:	110 05 VD5 540 0N D					
	Approvals on nameplate:	CE,VDE,EAC,CN R	OHS,WEEE				
	Materials:						
		Contine					
	Pump housing:	Cast iron					
		EN-GJL-250					
		ASTM A48-250B					
	Impeller:	PES 30%GF					
	Installation:						
	Range of ambient temperature:	0 40 °C					
		10 hor					
	Maximum operating pressure:	10 bar					
	Maximum operating pressure: Flange standard:	DIN					
	Maximum operating pressure:						
	Maximum operating pressure: Flange standard: Pipe connection:	DIN					
	Maximum operating pressure: Flange standard:	DIN DN 50					



Company name: Created by: Phone:

GRUNDF	OS X	Phone:		
		Date:	17/04/2020	
Description				
Electrical data: Power input - P1: Mains frequency: Rated voltage: Maximum current consumption Enclosure class (IEC 34-5): Insulation class (IEC 85):	20.91 331 W 50 / 60 Hz 1 x 230 V : 0.22 1.48 A X4D F			
Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Finnish LVI No.: Country of origin: Custom tariff no.:	0.20 17.8 kg 19.7 kg 0.046 m <sup>3</sup> 4615194 DE 84137030			



## Company name: Created by: Phone:

		Date:	17/04/2020
Description	Value	– H [m]	MAGNA1 50-80 F [%]
General information:		-	
Product name:	MAGNA1 50-80 F		
Product No:	99221334	8	
EAN number:	5712608943072		
	5712608943072	7	
Price:	1.691,00 EUR		
Technical:		6	
Head max:	80 dm	_	
TF class:	110	5	100
Approvals on nameplate:	CE, VDE, EAC, CN ROHS, WEEE	4	- 80
Model:	С		
Materials:		3	60
Pump housing:	Cast iron		
	EN-GJL-250	2	40
	ASTM A48-250B		
Impeller:	PES 30%GF	1	20
Installation:			
Range of ambient temperature:	0 40 °C	0	0 5 10 15 20 Q [m <sup>9</sup> /h]
Maximum operating pressure:	10 bar		0 5 10 15 20 Q [m³/h]
Flange standard:	DIN	P1 [W]	
Pipe connection:	DN 50	300	
Pressure rating:	PN6/10		
Port-to-port length:	240 mm	250	
Liquid:		200	
Pumped liquid:	Water	150	
Liquid temperature range:	-10 110 °C	100	
Selected liquid temperature:	60 °C		
Density:	983.2 kg/m³	50	
Electrical data:		0	
Power input - P1:	20.91 331 W		375 165
Mains frequency:	50 / 60 Hz		
Rated voltage:	1 x 230 V		
Maximum current consumption:	0.22 1.48 A		
Enclosure class (IEC 34-5):	X4D		
Insulation class (IEC 85):	F		
Others:		. 73	
Energy (EEI):	0.20	127	127
Net weight:	17.8 kg		
Gross weight:	19.7 kg		
Shipping volume:	0.046 m <sup>3</sup>		
Finnish LVI No.:	4615194		
Country of origin:	DE		
Custom tariff no.:	84137030		
		Evo	ample of mains-connected motor
		E xa with	ample of mains-connected motor h mains switch, backup fuse and additional protection
		[2]	
		L	
		N	♡ z
		~	
			Digital inputs
			Relay NC
			és L
rinted from Grundfos Product Ce			