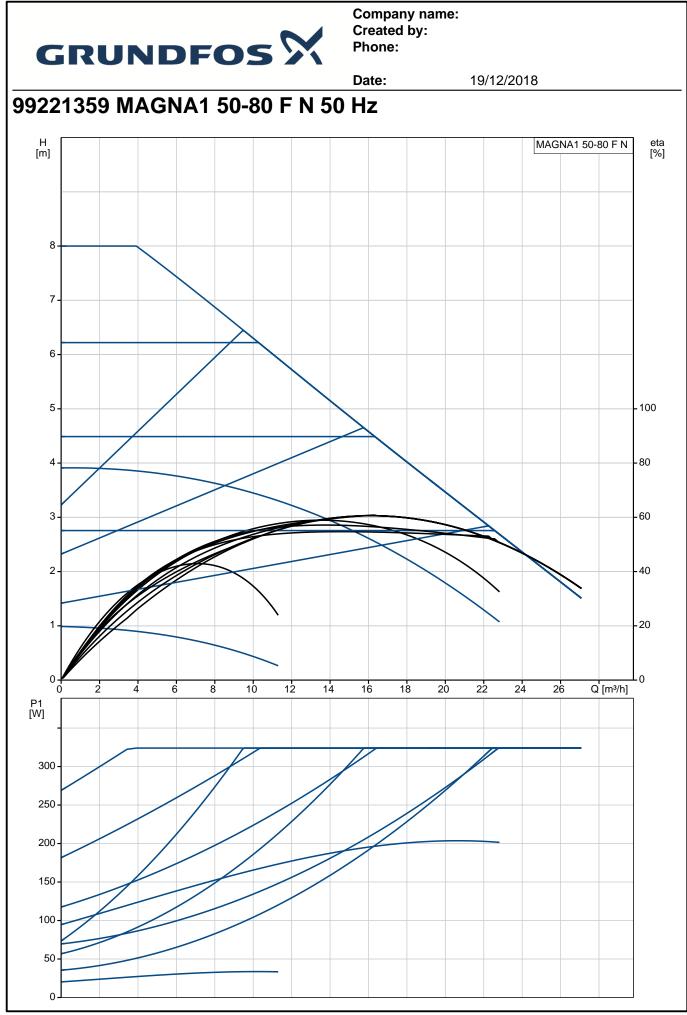
	GRUNDFO	25 🕅	Croated by:	Company name: Created by: Phone:			
			Date:	19/12/2018			
/.	Description						
	MAGNA1 50-80 F N						
	Product No.: 99221359 The new MAGNA1 is the simple option for a job well done. It is the perfect choice when replacing older circulators and due to its compliance with the EuP 2015 regulations, substantial savings on electricity is a reality. The ideal choice for basic performance needs in applications where basic system control and monitoring is desired.						
	 Monitoring via the fault relay, ensuring peace of mind Digital start/stop input available for remote pump control Continuous operation and reduced downtime with the wireless twin pump function (available on twin-head pumps) High energy efficiency resulting in substantial savings on electricity Easy setup and operation via the simple user interface No maintenance due to the canned-rotor type design. 						
	 MAGNA1 is the simple and effic Heating Main pump Mixing loops Heating surfaces Cooling Air conditioning surface Ground source heat p Smaller chiller applica 	ces ump systems	ost applications inclu	uding			
	Liquid: Pumped liquid: Liquid temperature range:	Water -10 110 °C					
	Liquid temperature during opera Density:	tion: 60 °C 983.2 kg/m ³					
	Technical: TF class: Approvals on nameplate:	110 CE,VDE,EAC,C	N ROHS,WEEE				
	Materials: Pump housing:	Stainless steel EN 1.4308 ASTM 351 CF8					
	Impeller:	PES 30%GF					
	Installation:						
	Range of ambient temperature:						
	Maximum operating pressure:	10 bar DIN					
	Flange standard: Pipe connection:	DIN DN 50					
	Pressure rating:	PN6/10					



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Mains frequency: Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5): nsulation class (IEC 85): Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	20.91 331 W 50 Hz 1 x 230 V 0.22 1.48 A X4D F 0.20 18.4 kg 20.3 kg 0.046 m ³ DE 84137030	Date:	19/12/2018	
Electrical data: Power input - P1: Mains frequency: Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5): nsulation class (IEC 85): Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	50 Hz 1 x 230 V 0.22 1.48 A X4D F 0.20 18.4 kg 20.3 kg 0.046 m ³ DE			
Power input - P1: Mains frequency: Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5): nsulation class (IEC 85): Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	50 Hz 1 x 230 V 0.22 1.48 A X4D F 0.20 18.4 kg 20.3 kg 0.046 m ³ DE			
Mains frequency: Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5): nsulation class (IEC 85): Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	50 Hz 1 x 230 V 0.22 1.48 A X4D F 0.20 18.4 kg 20.3 kg 0.046 m ³ DE			
Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5): nsulation class (IEC 85): Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	1 x 230 V 0.22 1.48 A X4D F 0.20 18.4 kg 20.3 kg 0.046 m ³ DE			
Maximum current consumption: Enclosure class (IEC 34-5): nsulation class (IEC 85): Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	0.22 1.48 A X4D F 0.20 18.4 kg 20.3 kg 0.046 m ³ DE			
Enclosure class (IEC 34-5): nsulation class (IEC 85): Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	X4D F 0.20 18.4 kg 20.3 kg 0.046 m ³ DE			
nsulation class (IEC 85): Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	F 0.20 18.4 kg 20.3 kg 0.046 m ³ DE			
Others: Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	0.20 18.4 kg 20.3 kg 0.046 m ³ DE			
Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	18.4 kg 20.3 kg 0.046 m ³ DE			
Energy (EEI): Net weight: Gross weight: Shipping volume: Country of origin:	18.4 kg 20.3 kg 0.046 m ³ DE			
Net weight: Gross weight: Shipping volume: Country of origin:	18.4 kg 20.3 kg 0.046 m ³ DE			
Gross weight: Shipping volume: Country of origin:	20.3 kg 0.046 m³ DE			
Shipping volume: Country of origin:	0.046 m ³ DE			
Country of origin:	DE			
	04137030			



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Company name: Created by: Phone:

		Date:	19/12/2018
Description	Value	H [m]	MAGNA1 50-80 F
General information:			
Product name:	MAGNA1 50-80 F N		
Product No:	99221359	8	
EAN number:	5712608943317		
Price:	2.260,00 GBP	7 -	
Technical:			
Head max:	80 dm	6 -	
TF class:	110		
Approvals on nameplate:	CE,VDE,EAC,CN ROHS,WEEE	5-	
Model:	С	4-	
Materials:			
Pump housing:	Stainless steel	3	
	EN 1.4308		
	ASTM 351 CF8	2	
Impeller:	PES 30%GF		
Installation:		1	
Range of ambient temperature:	0 40 °C		
Maximum operating pressure:	10 bar	0	
Flange standard:	DIN	Ö	5 10 15 20 Q [m³/l
Pipe connection:	DN 50	P1 [W]	
Pressure rating:	PN6/10		
Port-to-port length:	240 mm	300 -	
Liquid:		250 -	
Pumped liquid:	Water	200 -	
Liquid temperature range:	-10 110 °C		
Liquid temperature during operation:	60 °C	150 -	
Density:	983.2 kg/m³	100	
Electrical data:		50	
Power input - P1:	20.91 331 W	30	
Mains frequency:	50 Hz	0	
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:			
Energy (EEI):	0.20		
Net weight:	18.4 kg		
Gross weight:	20.3 kg		
Shipping volume:	0.046 m³		
Country of origin:	DE		
Custom tariff no .:	84137030		

eta [%]

100

- 80

- 60

40

- 20

0



Company name: Created by: Phone:

19/12/2018

99221359 MAGNA1 50-80 F N 50 Hz

