	GRUNDFO	5 5	Company I Created by Phone:				
			Date:	17/04/2020			
у.	Description						
	MAGNA1 80-120 F						
	CNA ¹						
	NEW MACNAI						
	A CONTRACTOR OF A CONTRACTOR O						
		Note! Product pictu	re may differ from a	actual product			
	Product No.: 99221409 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 						
	 United to the second sec				leau		
	 Easy setup and operation No maintenance due to the 	via the simple user	interface	<i>Janony</i>			
	MAGNA1 is the simple and effici Heating - Main pump - Mixing loops - Heating surfaces Cooling - Air conditioning surface - Ground source heat p - Smaller chiller applica	es ump systems	applications incl	luding			
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	-10 110 °C					
	Selected liquid temperature:	60 °C					
	Density:	983.2 kg/m³					
	Technical:						
	TF class:	110					
	Approvals on nameplate:	CE,VDE,EAC,CN F	ROHS,WEEE				
	Materials:						
	Pump housing:	Cast iron					
		EN-GJL-250					
		ASTM A48-250B					
	Impeller:	PES 30%GF					
	Installation:						
	Range of ambient temperature:	040 °C					
	Maximum operating pressure:	6 bar					
	Flange standard:	DIN					
	Pipe connection:	DN 80					
	Pressure rating:	PN6					
	Li ressure rauriy.						
	Port-to-port length:	360 mm					



Company name: Created by: Phone:

	GRUNDFO	JS 71	Phone:		
			Date:	17/04/2020	
у.	Description				
	Electrical data:				
	Power input - P1:	30.5 1277 W			
	Mains frequency:	50 / 60 Hz			
	Rated voltage:	1 x 230 V			
	Maximum current consumption:				
	Enclosure class (IEC 34-5):	X4D			
	Insulation class (IEC 85):	F			
	Others:				
	Energy (EEI):	0.19			
	Net weight:	30.2 kg			
	Gross weight:	32.5 kg			
	Shipping volume:	0.071 m ³			
	Country of origin:	DE			
	Custom tariff no.:	84137030			
		01101000			
	1				



Company name: Created by: Phone:

		Date:	17/04/2020
Description	Value	H [m]	MAGNA1 80-120 F
General information:			
Product name:	MAGNA1 80-120 F	13 -	
Product No:	99221409	12	
EAN number:	5712608943812	11	λ
	5712608943812	10 -	100
Price:	2.841,00 EUR		
Technical:		9-	90
Head max:	120 dm	8-	- 80
TF class:	110	7	70
Approvals on nameplate:	CE, VDE, EAC, CN ROHS, WEEE	6-	60
Model:	С		
Materials:		5-	-50
Pump housing:	Cast iron	4-	40
	EN-GJL-250	3	30
	ASTM A48-250B	2-	20
Impeller:	PES 30%GF		
Installation:		- 1 -	10
Range of ambient temperature:	0 40 °C		10 20 30 40 50 Q [m³/h]
Maximum operating pressure:	6 bar	- 0 P1	10 20 30 40 50 Q [m³/h]
Flange standard:	DIN	P1 [W]	
Pipe connection:	DN 80	1,200	
Pressure rating:	PN6	1,000 -	
Port-to-port length:	360 mm		
Liquid:		800 -	
Pumped liquid:	Water	600 -	
Liquid temperature range:	-10 110 °C	400	
Selected liquid temperature:	60 °C		
Density:	983.2 kg/m³	200-	
Electrical data:		0	
Power input - P1:	30.5 1277 W	-	412 200
Mains frequency:	50 / 60 Hz		
Rated voltage:	1 x 230 V		
Maximum current consumption:	0.31 5.59 A		
Enclosure class (IEC 34-5):	X4D	The states of th	
Insulation class (IEC 85):	F		
Others:			
Energy (EEI):	0.19	163 163	
Net weight:	30.2 kg		
Gross weight:	32.5 kg		
Shipping volume:	0.071 m ³		
Country of origin:	DE		
Custom tariff no .:	84137030		
		Example of ma	ains-connected motor
		with mains swit	tch, backup fuse and additional protection
		~~ ===	Т
		L	
		RCD/RCCB	
		N	© z
		¢	
			De la
			Digital inputs
			R
			Relay outputs
			tē/