	GRUNDFO	5 5	Company name: Created by: Phone:		
			Date:	17/04/2020	
у.	Description				
	MAGNA1 40-100 F				
	NEW MAGNAT				
	NEW MACI				
	° o				
	.				
		Note! Product pictu	re may differ from :	actual product	
	Product No.: 99221304	notor i roduot piota			
		antion for a lab wall	dana Itiatha m	orfoot abaiaa whan rankaing alder ai	
	and due to its compliance with th	e EuP 2015 regulat	ions, substantia	perfect choice when replacing older ci I savings on electricity is a reality. The tem control and monitoring is desired.	e ideal
	Monitoring via the fault re				
	 Digital start/stop input available 				
		I reduced downtime	with the wireles	s twin pump function (available on tw	rin-head
	pumps)				
	High energy efficiency res			ctricity	
	 Easy setup and operation 				
	 No maintenance due to the 	e canned-rotor type	e design.		
	MAGNA1 is the simple and effici	ent choice for most	applications incl	luding	
	Heating			C C	
	- Main pump				
	- Mixing loops				
	- Heating surfaces				
	Cooling				
	- Air conditioning surfac				
	5				
	- Ground source heat p				
	- Smaller chiller applica	lions			
	Linuid				
	Liquid:	Motor			
	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			
		10 bar			
	Maximum operating pressure.				
	Maximum operating pressure:				
	Flange standard:	DIN			
	Flange standard: Pipe connection:	DIN DN 40			
	Flange standard:	DIN			



Company name: Created by: Phone:

bate: 17/04/2020 ty. Description Electrical data: Power input - P1: Prower input - P1: 17.03370 W Rated voltage: 1 x 230 V Maximum current consumption: 0.191.65 A Enclosure class (IEC 34-5): X4D Insulation class (IEC 35): F Others: 0.20 Energy (EEI): 0.20 Net weight: 18.5 kg Gross weight: 18.2 kg Shipping volume: 0.039 m ³ Finnish LVI No.: 4015189 Country of origin: DE Custom tariff no.: 84137030		Phone:		GRUNDFO		
Electrical data: Power input - P1: 17.03370 WMains frequency: $50 / 60$ HzRated voltage: 1×230 VMaximum current consumption: $0.191.65$ AEnclosure class (IEC 34-5):X4DInsulation class (IEC 85):FOthers: Energy (EEI):0.20Net weight:16.5 kgGross weight:18.2 kgShipping volume: 0.039 m³Finnish LVI No.:4615189Country of origin:DE	17/04/2020	Date:				
Power input - P1:17.03370 WMains frequency:50 / 60 HzRated voltage:1 x 230 VMaximum current consumption:0.19 1.65 AEnclosure class (IEC 34-5):X4DInsulation class (IEC 85):FOthers:Energy (EEI):0.20Net weight:16.5 kgGross weight:18.2 kgShipping volume:0.039 m³Finnish LVI No.:4615189Country of origin:DE	 					
Energy (EEI): 0.20 Net weight: 16.5 kg Gross weight: 18.2 kg Shipping volume: 0.039 m³ Finnish LVI No.: 4615189 Country of origin: DE			50 / 60 Hz 1 x 230 V 0.19 1.65 A X4D	Power input - P1: Mains frequency: Rated voltage: Maximum current consumption: Enclosure class (IEC 34-5):		
			16.5 kg 18.2 kg 0.039 m ³ 4615189 DE	Energy (EEI): Net weight: Gross weight: Shipping volume: Finnish LVI No.: Country of origin:		



Company name: Created by: Phone:

		- ₁₁ - ,			ı .
Description	Value	H [m]		MAGNA1 40-100 F	eta [%]
General information:					
Product name:	MAGNA1 40-100 F	11 -			
Product No:	99221304	-			l
AN number:	5712608942778	10 -			- 100
	5712608942778	9 -			- 90
Price:	1.304,00 EUR	-	\rightarrow		00
echnical:	1.304,00 EOK	8-			- 80
	400 day	7-			- 70
lead max:	100 dm	- '] /	´ \ \		- 70
F class:	110	6-			- 60
pprovals on nameplate:	CE,VDE,EAC,CN ROHS,WEEE	5			- 50
lodel:	C				- 50
laterials:		4 -			- 40
ump housing:	Cast iron		X D		20
	EN-GJL-250	3-			- 30
	ASTM A48-250B	2			- 20
npeller:	PES 30%GF	. //			
stallation:		1			- 10
ange of ambient temperature:	0 40 °C	• • •			Lo
laximum operating pressure:	10 bar	0 2 4	6 8 10 12 14	16 18 Q [m³/h]	
lange standard:	DIN	P1 [W] -			
lipe connection:	DN 40	350 -			
Pressure rating:	PN6/10	300 -			
Port-to-port length:	220 mm	250 -			
iquid:		200 -			
umped liquid:	Water	150			
iquid temperature range:	-10 110 °C	100			
elected liquid temperature:	60 °C				
Density:	983.2 kg/m³	50 -			
electrical data:		0 -			
Power input - P1:	17.03 370 W		36	a	150
lains frequency:	50 / 60 Hz	164		3041	100/110 84
Rated voltage:	1 x 230 V				+40.
Aximum current consumption:	0.19 1.65 A				12
Enclosure class (IEC 34-5):	X4D	.		╎╫╫╎╫╢╎═╵╼╵┝╀┱╶╻┟┸┊(┥	ΘE
nsulation class (IEC 85):	F				5
Others:	F				PN 10/16
	0.00	73 106 128	83		
nergy (EEI):	0.20				
let weight:	16.5 kg				
Bross weight:	18.2 kg				
Shipping volume:	0.039 m³				
innish LVI No.:	4615189				
Country of origin:	DE				
Custom tariff no.:	84137030				
custom tariff no.:	84137030	Example of mains-con	nnected motor		
			ckup fuse and additional protection		
		LE	⇒++++		
		RCD/RCCB	г	$\square \oplus \square$	
		N		🔘 z	
				Digital inputs	
				~ <u> </u>	
				Relay NC	
				ndho	
				Relay outputs	