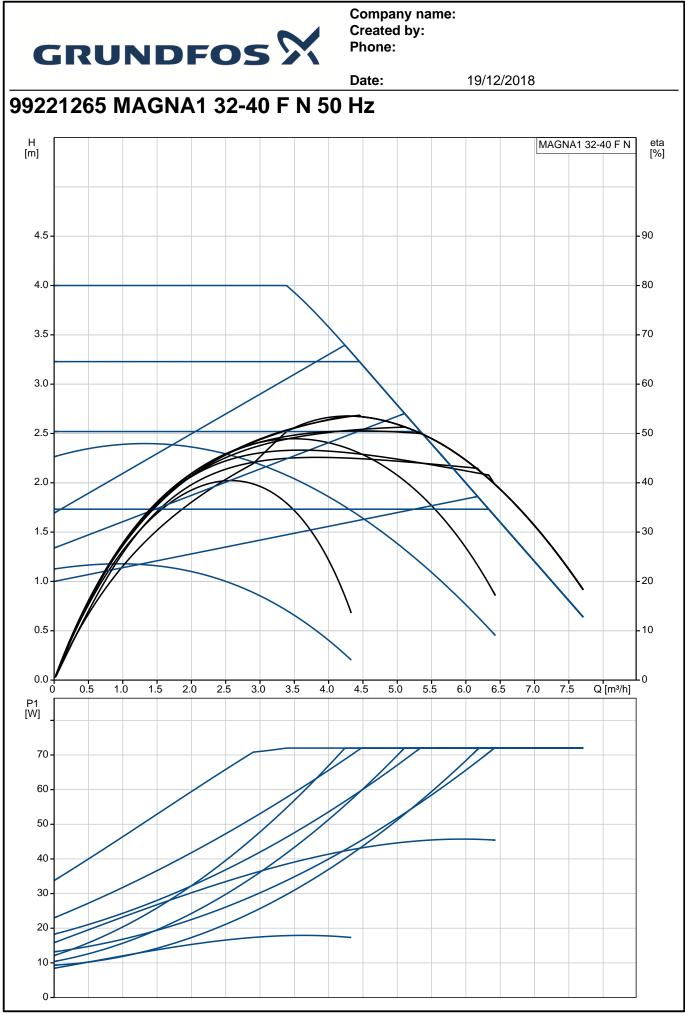
	os X	Company name: Created by: Phone:				
		Date:	19/12/2018			
Description						
MAGNA1 32-40 F N						
<ul> <li>Product No.: 99221265</li> <li>The new MAGNA1 is the simple option for a job well done. It is the perfect choice when replacing older circla and due to its compliance with the EuP 2015 regulations, substantial savings on electricity is a reality. The choice for basic performance needs in applications where basic system control and monitoring is desired.</li> <li>Monitoring via the fault relay, ensuring peace of mind</li> <li>Digital start/stop input available for remote pump control</li> <li>Continuous operation and reduced downtime with the wireless twin pump function (available on twin pumps)</li> <li>High energy efficiency resulting in substantial savings on electricity</li> <li>Easy setup and operation via the simple user interface</li> <li>No maintenance due to the canned-rotor type design.</li> </ul>						
						<ul> <li>MAGNA1 is the simple and efficient choice for most applications including</li> <li>Heating <ul> <li>Main pump</li> <li>Mixing loops</li> <li>Heating surfaces</li> </ul> </li> <li>Cooling <ul> <li>Air conditioning surfaces</li> <li>Ground source heat pump systems</li> <li>Smaller chiller applications</li> </ul> </li> </ul>
Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -10 110 °C tion: 60 °C 983.2 kg/m³					
<b>Technical:</b> TF class: Approvals on nameplate:	110 CE,VDE,EAC,CN F	ROHS,WEEE				
<b>Materials:</b> Pump housing:	Stainless steel EN 1.4308 ASTM 351 CF8					
Impeller:	PES 30%GF					
Installation: Range of ambient temperature: Maximum operating pressure: Flange standard: Pipe connection: Pressure rating: Port-to-port length:	0 40 °C 10 bar DIN DN 32 PN6/10 220 mm					
	<ul> <li>The new MAGNA1 is the simple and due to its compliance with the choice for basic performance needs of the provided start/stop input avains and continuous operation and pumps)</li> <li>High energy efficiency reserves and operation and operation by the simple and operation by the maintenance due to the MAGNA1 is the simple and efficition. Heating <ul> <li>Main pump</li> <li>Main pump</li> <li>Main pump</li> <li>Main pump</li> <li>Main pump</li> <li>Main pump</li> <li>Main conditioning surfaces</li> </ul> </li> <li>Cooling <ul> <li>Air conditioning surfaces</li> <li>Cooling</li> <li>Air conditioning surfaces</li> <li>Cooling</li> <li>Air conditioning surfaces</li> </ul> </li> <li>Liquid: <ul> <li>Pumped liquid:</li> <li>Liquid temperature range:</li> <li>Liquid temperature during operation operationsity:</li> </ul> </li> <li>Technical: <ul> <li>TF class:</li> <li>Approvals on nameplate:</li> </ul> </li> <li>Materials: <ul> <li>Pump housing:</li> <li>Impeller:</li> <li>Installation:</li> <li>Range of ambient temperature:</li> <li>Maximum operating pressure:</li> <li>Flange standard:</li> <li>Pipe connection:</li> <li>Pressure rating:</li> </ul> </li> </ul>	The new MAGNA1 is the simple option for a job well and due to its compliance with the EuP 2015 regulat choice for basic performance needs in applications v Monitoring via the fault relay, ensuring peace Digital start/stop input available for remote pu Continuous operation and reduced downtime pumps) High energy efficiency resulting in substantial Easy setup and operation via the simple user No maintenance due to the canned-rotor type MAGNA1 is the simple and efficient choice for most Heating Main pump Mixing loops Heating surfaces Cooling Air conditioning surfaces Ground source heat pump systems Smaller chiller applications Liquid: Pumped liquid: Water Liquid temperature range: -10 110 °C Liquid temperature furing operation: 60 °C Density: 983.2 kg/m <sup>3</sup> Technical: TF class: 110 Approvals on nameplate: CE,VDE,EAC,CN F Materials: Pump housing: Stainless steel EN 1.4308 ASTM 351 CF8 Impeller: PES 30%GF Installation: Range of ambient temperature: 0 40 °C Maximum operating pressure: 10 bar Flange standard: DIN Pipe connection: DN 32 Pressure rating: PN6/10	The new MAGNA1 is the simple option for a job well done. It is the part due to its compliance with the EuP 2015 regulations, substantial choice for basic performance needs in applications where basic system			



Company name: Created by: Phone:

<b>GRUNDFOS</b>			Phone:		
			Date:	19/12/2018	
lty.	Description				
	Electrical data: Power input - P1:	9 73 W			
	Mains frequency: Rated voltage:	50 Hz 1 x 230 V			
	Maximum current consumption:	0.09 0.59 A			
	Enclosure class (IEC 34-5): Insulation class (IEC 85):	X4D F			
	Others: Energy (EEI):	0.20			
	Net weight:	7.36 kg			
	Gross weight: Shipping volume:	7.84 kg 0.016 m³			
	Country of origin:	DE			
	Custom tariff no .:	84137030			



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## Company name: Created by: Phone:

		Date:
Description	Value	H [m]
General information:		_
Product name:	MAGNA1 32-40 F N	
Product No:	99221265	4.5 -
EAN number:	5712608942389	
Price:	879,00 GBP	4.0
Technical:		
Head max:	40 dm	3.5 -
TF class:	110	3.0 -
Approvals on nameplate:	CE,VDE,EAC,CN ROHS,WEEE	2.5 -
Model:	С	
Materials:		2.0 -
Pump housing:	Stainless steel	
	EN 1.4308	1.5 -
	ASTM 351 CF8	— [
Impeller:	PES 30%GF	1.0
Installation:		
Range of ambient temperature:	0 40 °C	0.5
Maximum operating pressure:	10 bar	0.0
Flange standard:	DIN	o
Pipe connection:	DN 32	P1 [W]
Pressure rating:	PN6/10	70-
Port-to-port length:	220 mm	
Liquid:		60 -
Pumped liquid:	Water	50 -
Liquid temperature range:	-10 110 °C	40 -
Liquid temperature during operation:	60 °C	30
Density:	983.2 kg/m <sup>3</sup>	20
Electrical data:		E
Power input - P1:	9 73 W	10-
Mains frequency:	50 Hz	0
Rated voltage:	1 x 230 V	
Maximum current consumption:	0.09 0.59 A	
Enclosure class (IEC 34-5):	X4D	
Insulation class (IEC 85):	F	
Others:		
Energy (EEI):	0.20	
Net weight:	7.36 kg	
Gross weight:	7.84 kg	
Shipping volume:	0.016 m <sup>3</sup>	
Country of origin:	DE	
Custom tariff no.:	84137030	

