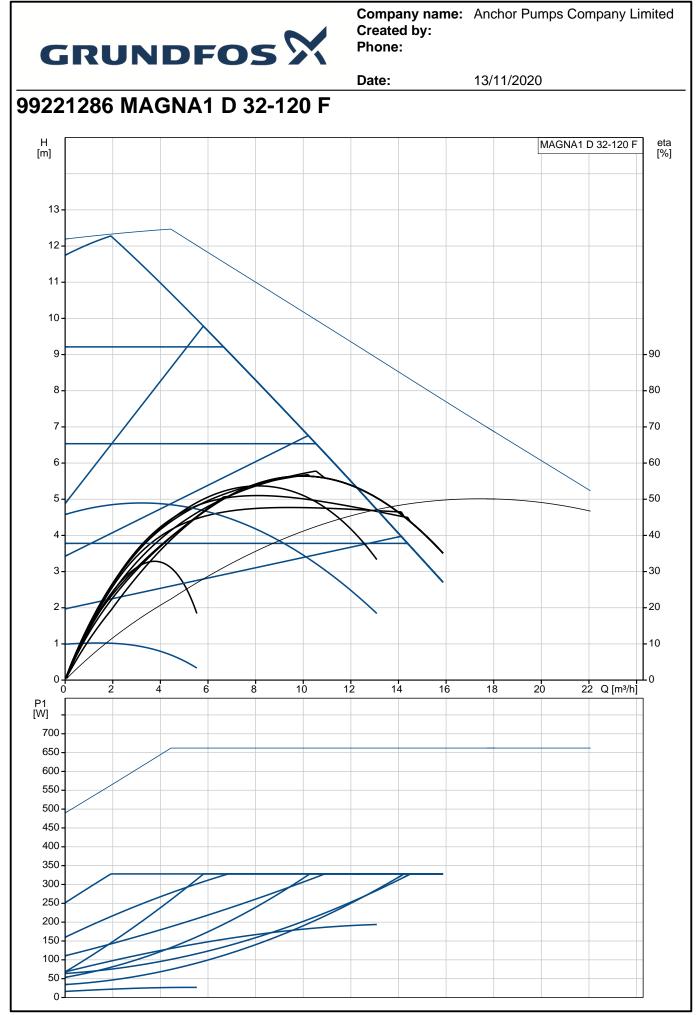
	GRUNDFO	os X	Company name: Created by: Phone:	Anchor Pumps Company Limited
			Date:	13/11/2020
<i>ı</i> .	Description			
	MAGNA1 D 32-120 F			
	NEW MACNAM			
	NEW			
		GIUNDEOS X		
		Note! Product picture	e may differ from actual pro	oduct
	Product No.: 99221286	Note: 1 Todalot picture	e may amer nom aotaar pre	
	The new MAGNA1 is the simple	ne EuP 2015 regulation	ons, substantial saving	hoice when replacing older circulators s on electricity is a reality. The ideal trol and monitoring is desired.
	Monitoring via the fault re	lov oncuring pages	ofmind	
	 Monitoring via the fault re Digital start/stop input available 			
				oump function (available on twin-head
	pumps)			
	High energy efficiency re-			
	 Easy setup and operation No maintenance due to the setup and the set			
		le canned-rotor type	design.	
	 Heating Main pump Mixing loops Heating surfaces Cooling Air conditioning surface Ground source heat p Smaller chiller application 	oump systems		
	Liquid			
	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 R	OHS,WEEE	
		· · ·		
	Materials:			
	Pump housing:	Cast iron		
		EN-GJL-250		
	Impeller:	ASTM A48-250B PES 30%GF		
	Installation:			
	Range of ambient temperature:	0 40 °C		
	Maximum operating pressure:	10 bar		
	Flange standard:	DIN		
		DILOO		
	Pipe connection:	DN 32		
	Pipe connection: Pressure rating: Port-to-port length:	DN 32 PN 6/10 220 mm		



Company name: Anchor Pumps Company Limited Created by: Phone:

			Date:	13/11/2020	
у.	Description				
	Electrical data:				
	Power input - P1:	16.32 335 W			
	Mains frequency:	50 / 60 Hz			
	Rated voltage:	1 x 230 V			
	Raleu vollage.				
	Maximum current consumption:	0.18 1.5 A			
	Enclosure class (IEC 34-5):	X4D			
	Insulation class (IEC 85):	F			
	Others:				
	Energy (EEI):	0.22			
	Net weight:	29.2 kg			
	Gross weight:	32.9 kg			
	Shipping volume	0.087 m ³			
	Shipping volume:				
	Country of origin:	DE			
	Custom tariff no.:	84137030			
	1				





Company name: Anchor Pumps Company Limited Created by: Phone:

eta [%]

Information: MAGNA1 D 32-120 F ame: MAGNA1 D 32-120 F c: 99221286 per: 5712608942594 : 110 on nameplate: CE, VDE, EAC, CN ROHS, WEEEE C C sing: Cast iron sing: Cast iron sing: Cast iron sing: Cast iron meterion: DN persony PES 30%GF m: 10 ambient temperature: 040 °C operating pressure: 10 bit operating pressure: 10 bit uid: Water perature range: -10110 °C quid: Water perature range: -10110 °C quid: Water perature range: -10110 °C quid: Water uperature range: -10110 °C quid: Water uperature range: -1015 A class (IEC 45): F El): 0.22 tt: 29.2 kg </th <th></th> <th></th> <th>Date:</th> <th>13/11/2020</th> <th></th> <th></th>			Date:	13/11/2020		
Information: MAGNA1 D 32-120 F ame: MAGNA1 D 32-120 F c: 99221286 ber: 5712606942594 : 120 dm i: 0.40 °C operating pressure: 10 kr i: 0 do tis ating: PN 6/10 rt hength: 220 mm quid: Water perature range: -10110 °C quid: 983.2 kg/m ³ data: ut. P1: 16.32335 W uency: 50 / 60 Hz age: 1.5 A class (IEC 34-5): X4D	Description	Value	H [m]		MAGNA1 D 32-120	F e'
anne: MKGNAT D 32-120 F oc: 99221286 ber: 5712608942594 : : 120 dm 110 on nameplate: CE, VDE, EAC, CN ROHS, WEEE C sing: Cast iron sing: EN-GLL-250 sing: ASTM A48-2508 pES 30%GF m: ambient temperature: 040 °C operating pressure: 10 bar nndard: DIN extion: DN 32 atting: PN 6/10 rt length: 220 mm quid: Water perature range: -10110 °C quid temperature: 020 mm quid: Water perature range: -10110 °C quid temperature: 60 °C 983.2 kg/m ³ data: ut - P1: 16.32335 W uency: 50 / 60 Hz age: 1.x 230 V current consumption: 0.181.5 A class (IEC 85): F E); 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ colume: 0.087 m ³	General information:		-			
per: 5712608942594 : 120 dm 110 on nameplate: CE, VDE, EAC, CN ROHS, WEEE C sing: Cast iron sing: EN-GJL-250 sing: ASTM A48-250B PES 30% GF m: ambient temperature: 040 °C operating pressure: 10 bar nndard: DIN extinct: DN 32 atting: PN 6/10 rt length: 220 mm quid: Water perature range: -10110 °C quid temperature: 60 °C 983.2 kg/m ³ data: ut - P1: 16.32335 W uency: 50 / 60 Hz age: 1 x 230 V current consumption: 0.181.5 A class (IEC 85): F E); 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ colume: 0	Product name:	MAGNA1 D 32-120 F	13 -	-		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Product No:	99221286	12-			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	EAN number:	5712608942594	11			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Technical:		-	\mathbf{N}		
110on nameplate:CE,VDE,EAC,CN ROHS,WEEEcCsing:Cast ironsing:EN-GJL-250sing:ASTM A48-250BpES 30%GF 0 mbient temperature:040 °Coperating pressure:10 barindard:DINection:DN 32ating:PN 6/10th length:220 mmgei:-10110 °Ciquid temperature:60 °Cgei:1.5 Aclass (IEC 34-5):X4Dclass (IEC 85):FEl):0.22t:29.2 kgght:32.9 kgoolume:0.087 m³oolume:0.087 m³	Head max:	120 dm	10 -	λ		
on nameplate: CE, VDE, EAC, CN ROHS, WEEE C C Sing: Cast iron sing: EN-GJL-250 sing: ASTM A48-250B PES 30%GF m: ambient temperature: 040 °C operating pressure: 10 bar undard: DIN cection: DN 32 ating: PN 6/10 rt length: 220 mm quid: Water perature range: -10110 °C quid temperature: 60 °C 983.2 kg/m ³ data: ut - P1: 16.32335 W ujuency: 50 / 60 Hz age: 1 x 230 V current consumption: 0.181.5 A class (IEC 34-5): X4D class (IEC 34-5): X4D class (IEC 85): F EI): 0.22 t: 29.2 kg ght: 32.9 kg rduid: 0.087 m ³ roigin: DE	TF class:	110	9 -			- 90
Csing:Cast ironsing:EN-GJL-250sing:ASTM A48-250BPES 30%GFnt:ambient temperature:040 °Coperating pressure:10 barndard:DINection:DN 32ating:PN 6/10rt length:220 mmquid:Waterperature range:-10110 °Cquid temperature:60 °C983.2 kg/m³data:ut - P1:16.32335 Wupercy:50 / 60 Hzage:1 x 230 Vcurrent consumption:0.18 1.5 Aclass (IEC 34-5):X4Dclass (IEC 34:5):FEl):0.22t:29.2 kgght:32.9 kgoolume:0.087 m³forigin:DE	Approvals on nameplate:		8-			- 80
sing: Cast iron sing: EN-GJL-250 sing: ASTM A48-250B PES 30%GF m: ambient temperature: 040 °C operating pressure: 10 bar nntard: DIN ection: DN 32 ating: PN 6/10 rt length: 220 mm quid: Water perature range: -10110 °C iquid temperature: 60 °C 983.2 kg/m ³ data: ut - P1: 16.32335 W quency: 50 / 60 Hz age: 1 x 230 V current consumption: 0.181.5 A class (IEC 34-5): X4D class (IEC 34-5): C EI): 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ forigin: DE	Model:		7			70
sing: Cast iron sing: EN-GJL-250 sing: ASTM A48-250B PES 30%GF m: ambient temperature: 040 °C operating pressure: 10 bar indard: DIN ection: DN 32 ating: PN 6/10 rt length: 220 mm quid: Water perature range: -10110 °C quid temperature: 60 °C 983.2 kg/m ³ data: ut - P1: 16.32335 W upency: 50 / 60 Hz age: 1 x 230 V current consumption: 0.181.5 A class (IEC 34-5): X4D class (IEC 34-5): X4D class (IEC 34-5): K4D class (IEC 34	Materials:					
sing: EN-GJL-250 sing: ASTM A48-250B PES 30%GF n: ambient temperature: 040 °C operating pressure: 10 bar operating pressure: 10 bar operating: PN 6/10 rt length: 220 mm quid: Water perature range: -10 110 °C quid temperature: 60 °C 983.2 kg/m ³ data: ut - P1: 16.32 335 W upency: 50 / 60 Hz age: 1 x 230 V current consumption: 0.18 1.5 A class (IEC 34-5): X4D class (IEC 34-5): X4D class (IEC 34-5): K4D class (IEC 34-5): K4D	Pump housing:	Cast iron	6-			- 60
sing: ASTM A48-250B PES 30%GF m: ambient temperature: 040 °C operating pressure: 10 bar ndard: DIN ection: DN 32 ating: PN 6/10 rt length: 220 mm quid: Water perature range: -10110 °C quid temperature: 60 °C 98 °C	Pump housing:		5-			- 50
PES 30%GFon:ambient temperature: $040 ^{\circ}\text{C}$ operating pressure:10 barundard:DINcetion:DN 32ating:PN 6/10rt length:220 mmquid:Waterperature range:-10110 $^{\circ}\text{C}$ quid temperature:60 $^{\circ}\text{C}$ 983.2 kg/m ³ data:ut - P1:16.32335 Wuency:50 / 60 Hzage:1 x 230 Vcurrent consumption:0.1815 Aclass (IEC 34-5):K4Dclass (IEC 34-5):FEI):0.22t:29.2 kgght:32.9 kggolt:32.9 kggolt:32.9 kgoolume:0.087 m ³ forigin:DE	Pump housing:		4			- 40
n:ambient temperature: $040 ^{\circ}\text{C}$ operating pressure:10 barundard:DINection:DN 32ating:PN 6/10rt length:220 mmquid:Waterperature range:-10110 °Ciquid temperature:60 °C983.2 kg/m³data:	Impeller:			L X		
ambient temperature: $040 ^{\circ}\text{C}$ operating pressure:10 barundard:DINection:DN 32rating:PN 6/10quid:Waterperature range:-10110 $^{\circ}\text{C}$ iquid temperature:60 $^{\circ}\text{C}$ 983.2 kg/m³600 $^{\circ}\text{C}$ 993.2 kg/m³600 $^{\circ$		1 LO JU /0GF	3	χ		- 30
operating pressure:10 barundard:DINection:DN 32ating:PN 6/10rt length:220 mmquid:Waterperature range:-10110 °Ciquid temperature:60 °C983.2 kg/m³data:983.2 kg/m³data:000000000000000000000000000000000	Installation:	0 40.90	2			- 20
operating pressure:To barundard:DINection:DN 32ating:PN 6/10rt length:220 mmquid:Waterperature range:-10 110 °Cquid temperature:60 °C983.2 kg/m³data:ut - P1:16.32 335 Wuency:50 / 60 Hzage:1 x 230 Vcurrent consumption:0.18 1.5 Aclass (IEC 34-5):X4Dclass (IEC 34-5):X4Dclass (IEC 35):FE1):0.22t:29.2 kgght:32.9 kgrolume:0.087 m³origin:DE	Range of ambient temperature:					10
ection:DN 32ating:PN 6/10rt length:220 mmquid:Waterperature range:-10 110 °Ciquid temperature:60 °C983.2 kg/m³data:ut - P1:16.32 335 Wjuency:50 / 60 Hzage:1 x 230 Vcurrent consumption:0.18 1.5 Aclass (IEC 34-5):X4Dclass (IEC 85):FE1):0.22t:29.2 kgght:32.9 kgrolume:0.087 m³iorigin:DE	Maximum operating pressure:					
ection:DN 32rating:PN 6/10rating:PN 6/10quid:Waterquid:Wateroperature range:-10110 °Ciquid temperature:60 °C983.2 kg/m³data:ut - P1:16.32335 Wjuency:50 / 60 Hzage:1 x 230 Vcurrent consumption:0.181.5 Aclass (IEC 34-5):X4Dclass (IEC 85):FEl):0.22t:29.2 kgght:32.9 kgrolume:0.087 m³origin:DE	Flange standard:		0 0	5 10	15 20 Q [m ³ /	
Integrit220 mmquid:Waterperature range:-10110 °Ciquid temperature:60 °C983.2 kg/m³data:983.2 kg/m³ut - P1:16.32335 Wiuency:50 / 60 Hzage:1 x 230 Vcurrent consumption:0.18 1.5 Aclass (IEC 34-5):X4Dclass (IEC 35):FEl):0.22t:29.2 kgght:32.9 kgrolume:0.087 m³iorigin:DE	Pipe connection:		P1	-		T
quid:Waterperature range: $-10 110 ^{\circ}C$ iquid temperature: $60 ^{\circ}C$ 983.2 kg/m³data:ut - P1: $16.32 335 ^{\circ}W$ juency: $50 / 60 ^{Hz}$ age: $1 \times 230 ^{\circ}V$ current consumption: $0.18 1.5 ^{A}$ class (IEC 34-5):X4Dclass (IEC 35):FEI): 0.22 t: $29.2 ^{\circ}kg$ ght: $32.9 ^{\circ}kg$ rolume: $0.087 ^{m3}$ origin:DE	Pressure rating:		<u>→</u> [^[VV]			
quid:Waterperature range: $-10 110 \circ C$ iquid temperature: $60 \circ C$ 983.2 kg/m³data:ut - P1: $16.32 335 W$ juency: $50 / 60 Hz$ age: $1 \times 230 V$ current consumption: $0.18 1.5 A$ class (IEC 34-5):X4Dclass (IEC 85):FEI): 0.22 t: $29.2 kg$ gght: $32.9 kg$ rolume: $0.087 m^3$ origin:DE	Port-to-port length:	220 mm	600 -			
quid:Waterperature range:-10110 °Ciquid temperature:60 °C983.2 kg/m³data:ut - P1:16.32335 Wpuency:50 / 60 Hzage:1 x 230 Vcurrent consumption:0.18 1.5 Aclass (IEC 34-5):X4Dclass (IEC 85):FEl):0.22t:29.2 kgght:32.9 kgvolume:0.087 m³origin:DE	Liquid:					
relative range. To it. The C iquid temperature: $60 ^{\circ}\text{C}$ 983.2kg/m^3 data: ut - P1: $16.32 \dots 335 \text{W}$ juency: $50 / 60 \text{Hz}$ age: $1 \times 230 \text{V}$ current consumption: $0.18 \dots 1.5 \text{A}$ class (IEC 34-5): X4D class (IEC 34-5): X4D class (IEC 35): F EI): 0.22 t: 29.2kg ght: 32.9kg rolume: 0.087m^3 for gin: DE	Pumped liquid:	Water	500 -			
983.2 kg/m³data:ut - P1:16.32 335 Wjuency:50 / 60 Hzage:1 x 230 Vcurrent consumption:0.18 1.5 Aclass (IEC 34-5):X4Dclass (IEC 35):FEl):0.22t:29.2 kgght:32.9 kgrolume:0.087 m³origin:DE	Liquid temperature range:	-10 110 °C	400 -			_
data: ut - P1: $16.32 335 W$ $50 / 60 Hz$ age: $1000000000000000000000000000000000000$	Selected liquid temperature:	60 °C	300 -	111	<u> </u>	_
data: ut - P1: $16.32 335 W$ $50 / 60 Hz$ age: $1000000000000000000000000000000000000$	Density:	983.2 kg/m³	200			
ut - P1: 16.32 335 W juency: 50 / 60 Hz age: 1 x 230 V current consumption: 0.18 1.5 A class (IEC 34-5): X4D class (IEC 35): F EI): 0.22 t: 29.2 kg ght: 32.9 kg volume: 0.087 m ³ origin: DE	Electrical data:					
nuency: 50 / 60 Hz age: 1 x 230 V current consumption: 0.18 1.5 A class (IEC 34-5): X4D class (IEC 85): F El): 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ origin: DE	Power input - P1:	16.32 335 W	100 -			_
age: 1 x 230 V current consumption: 0.18 1.5 A class (IEC 34-5): X4D class (IEC 85): F El): 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ origin: DE	Mains frequency:		0			
current consumption: 0.181.5 A class (IEC 34-5): X4D class (IEC 85): F EI): 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ to roigin: DE	Rated voltage:					
class (IEC 34-5): X4D class (IEC 85): F EI): 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ DE	Maximum current consumption:					
class (IEC 85): F EI): 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ to roigin: DE	Enclosure class (IEC 34-5):		. 502	68 300	294 21	0
El): 0.22 t: 29.2 kg ght: 32.9 kg rolume: 0.087 m ³ origin: DE	Insulation class (IEC 85):		THE TR			
t: 29.2 kg ght: 32.9 kg volume: 0.087 m ³ forigin: DE	Others:	•				
t: 29.2 kg ght: 32.9 kg volume: 0.087 m ³ forigin: DE		0.22			r the	
ght: 32.9 kg volume: 0.087 m ³ torigin: DE	Energy (EEI):		140		M17 130 130 260	•
rolume: 0.087 m ³	Net weight:				H- 200	-
Forigin: DE	Gross weight:					
				64 <u>90/100</u>		
ritt no.: 84137030				90/100		
	Custom tariff no.:	84137030				
	Shipping volume: Country of origin: Custom tariff no.:	0.087 m ³ DE				
Example of mains-connected motor			with mains switch,	backup fuse and additional protection		
with mains switch, backup fuse and additional protection						
with mains switch, backup fuse and additional protection			~		Digital in	
with mains switch, backup fuse and additional protection					study	
with mains switch, backup fuse and additional protection						

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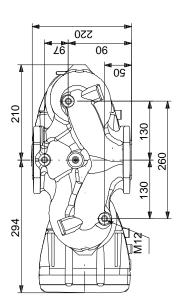
elay outputs

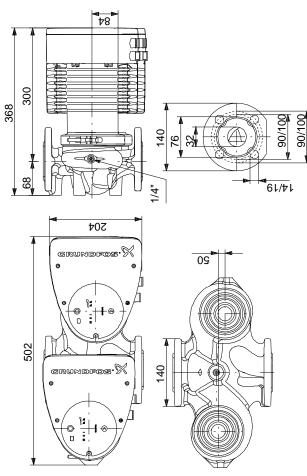


Company name: Anchor Pumps Company Limited Created by: Phone:

13/11/2020

99221286 MAGNA1 D 32-120 F





Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

