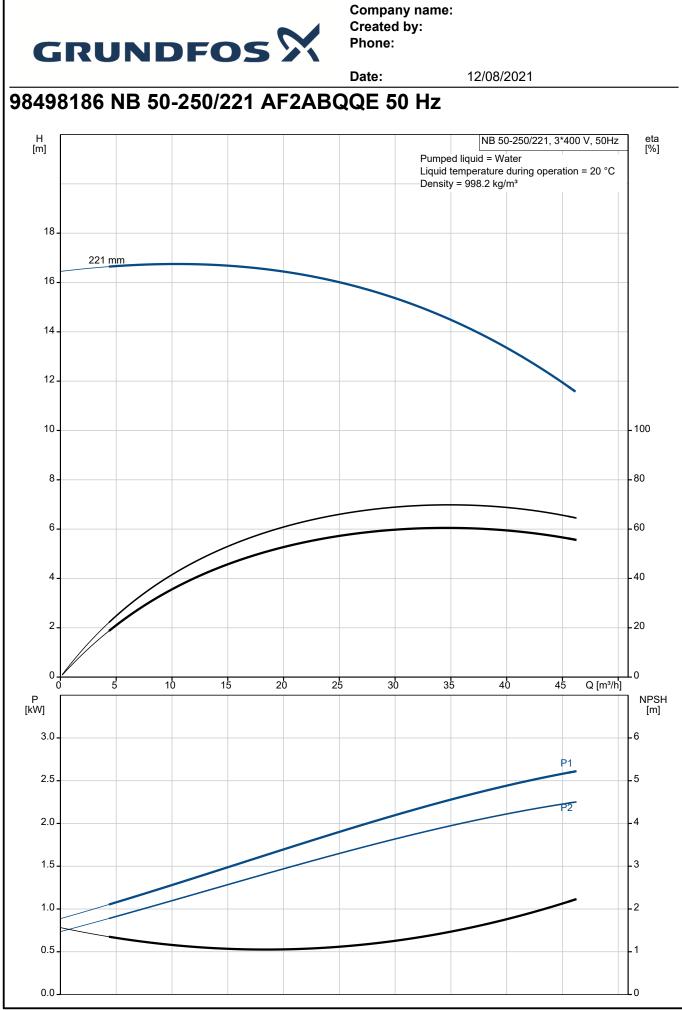


			Da		12/08/2021
Description					
The motor is a tolerances con	totally enclosed, f pply with IEC 6003	an-cooled mot	or with princi	al dimensions	s to IEC and DIN standards. Electrical
	iency is classified		vrdance with I	EC 60034-30	1
					o a motor-protective circuit breaker wh
can be manua	lv reset. The moto	r-protective ci	cuit breaker	nust be set ac	cording to the rated current of the mol
(11/1).	.,				
The motor can Grundfos CUE	be connected to a	a variable spee variable speed	d drive for ac drives Pleas	justment of pu se find more in	ump performance to any duty point. Iformation in Grundfos Product Center
	enere a range er				
Further pro	duct details				
Technical d					
Controls:					
Frequency cor		NONE			
Pressure sens	or:	Ν			
Liquid:					
Pumped liquid		Water			
Liquid tempera		-25 120 °C			
Selected liquid		20 °C			
Density:		998.2 kg/m ³			
5		3			
Technical:					
	n which pump dat		1465 rpm		
Rated flow:		35.77 m³/h			
Rated head:		14.19 m			
Actual impeller		221 mm			
Nominal impel		250			
Shaft seal arra	U U	Single			
Code for shaft		BQQE			
Curve tolerand		ISO9906:201	2 3B2		
Bearing desigr	1:	Standard			
Materials:					
Pump housing	:	Cast iron			
l .		EN-GJL-250			
		ASTM class	35		
Wear ring:		Brass			
Impeller:		Cast iron			
		EN-GJL-200			
		ASTM class			
Shaft:		Stainless ste	el		
		EN 1.4301			
luter 1		AISI 304			
Internal pump	nouse coating:	CED			
Installation:					
	ient temperature:	55 °C			
	ating pressure:	16 bar			
Pipe connection		EN 1092-2			
Size of inlet co		DN 65			
Size of outlet of		DN 50			
		211 00			
	for connection:	PN 16			



Date: 12/08/2021 Qty. Description Bearing lubrication: Grease Pump housing with feet: Yes Support block: Ν Electrical data: SIEMENS Motor type: IE Efficiency class: IE3 Rated power - P2: 2.2 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-420Y V Rated current: 8,01-7,32/4,67-4,23 A Starting current: 760-760 % Cos phi - power factor: 0.83 Rated speed: 1465 rpm Efficiency: IE3 86,7% Motor efficiency at full load: 86.7-86.7 % Motor efficiency at 3/4 load: 87.3-87.3 % Motor efficiency at 1/2 load: 86.4-86.4 % Number of poles: 4 IP55 Enclosure class (IEC 34-5): F Insulation class (IEC 85): Motor No: 83V02208 Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 73 kg Gross weight: 90 kg Shipping volume: 0.315 m³ Country of origin: ΗU Custom tariff no.: 84137051



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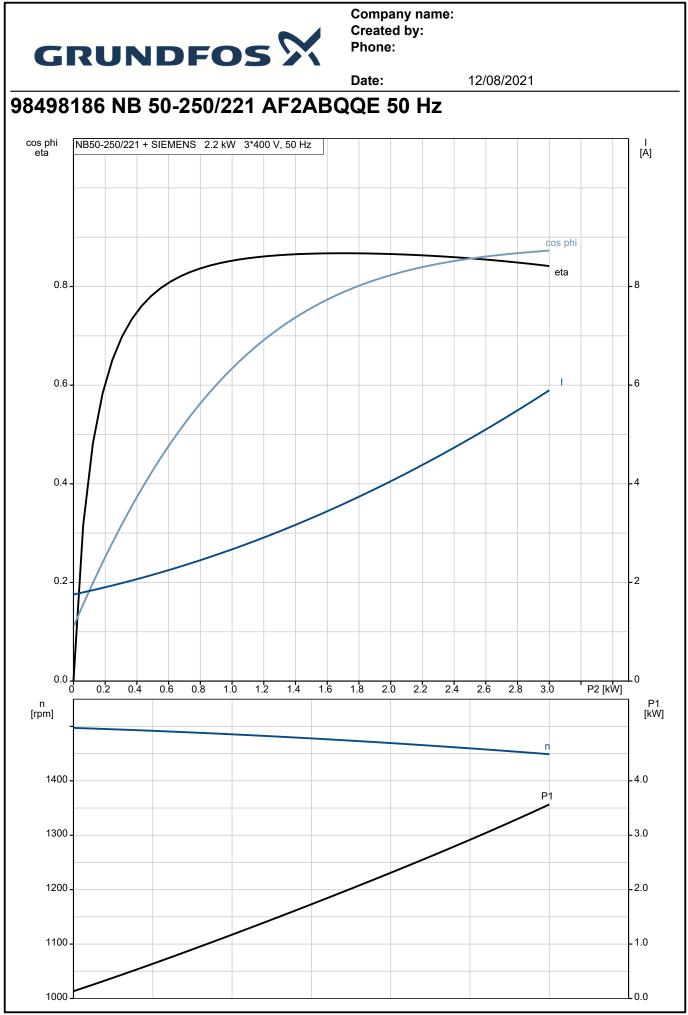


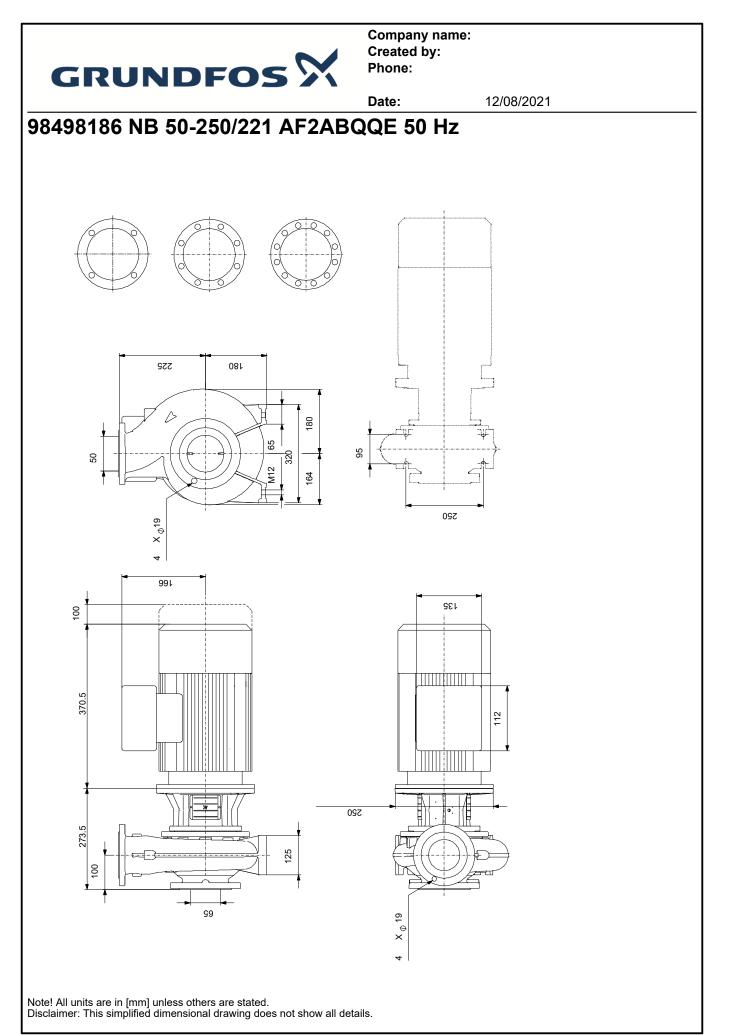
		Date:				12/0)8/2	021					
Description	Value	H [m]						NB 50)-250/	221, 3*	*400 V,	50Hz	eta [%]
General information:		2110				Pumpe					tion: -		
Product name:	NB 50-250/221 AF2ABQQE	18 -				Liquid t Density	emper / = 998	ature 8.2 kg/	auring m³	opera	uon = 2	:U ~C	
Product No:	98498186		221	mm									
EAN number:	5711496158544	16 -											
Price:	GBP 1864	-											
Technical:		14 -											
Pump speed on which pump data are	4405	12 -											
based:	1465 rpm	10 -											100
Rated flow:	35.77 m³/h												[
Rated head:	14.19 m	8 -											- 80
Actual impeller diameter:	221 mm												
Nominal impeller diameter:	250	6 -						_				_	- 60
Shaft seal arrangement:	Single												
Shaft diameter:	24 mm	4 -											- 40
Code for shaft seal:	BQQE	2-											20
Curve tolerance:	ISO9906:2012 3B2	2 -											ſ
Pump version:	A	0 -	\mathbb{Z}										Lo
Bearing design:	Standard	- () 5	10) 1	5 20	25	5 30	03	54	0 Q	[m³/h]	
Materials:		P [kW]											NPSF [m]
Pump housing:	Cast iron	-									Р	1	t
Pump housing:	EN-GJL-250	2.5 -										-	- 5
Pump housing:	ASTM class 35	-									P	2	
Wear ring:	Brass	2.0 -							/				-4
mpeller:	Cast iron	1.5 -					_	_					- 3
mpeller:	EN-GJL-200	1.0 -										_	2
Impeller:	ASTM class 30	1.0 -											T ²
Shaft:	Stainless steel	0.5 -		-				_					<u>+</u> 1
Shaft:	EN 1.4301	0.0 -											Lo
Shaft:	AISI 304												~
Internal pump house coating:	CED												
Material code:	A		273.5	1	370.5		100		-+	50		Ű	2
Code for rubber:	E	-	TTT.		[1			Ń	₹₹,	ſ	\mathcal{U}	Jø
Installation:	-	h	∤T ĥ⊨	∄ ∎		É	98	4 X 0 19	K	to a	18	/	20
Maximum ambient temperature:	55 °C	- 8					╟┈┼┈┻		† ¶€))-		(3	
Maximum operating pressure:	16 bar	י <u>י</u>	Щ⊫	alt:		_	2			1	430	``	279/
Pipe connection standard:	EN 1092-2	_	125						M12	65	•	a	2000
Size of inlet connection:	DN 65								164	180		(d	000
Size of outlet connection:	DN 50		240						-•	95			
Pressure rating for connection:	PN 16	4 X @ 19	213h	b⊩⊏		_)			A.			\Box
Bearing lubrication:	Grease						138		_{ss}				_
Pump housing with feet:	Yes	-	FF -	<u>i</u>		<u> </u>	ļ		Lh		٦		
			Ŵ	T	112	┥			-	7	. –	_	
Support block: Connect code:	N F2												
	F2												
Liquid:	\\/_t_n				OLTAGE								
Pumped liquid:	Water		DI	RECTION		TION							
Liquid temperature range:	-25 120 °C	_ 🐃											
Selected liquid temperature:	20 °C	_ 🖕		- Kur	2 (12								
Density:	998.2 kg/m³	_		W.	۶Ľ								
Electrical data:		_ 📲	F	Ű	1) (V 1	<u>) (w 1)</u>							
Motor type:	SIEMENS		<u> </u>		⊨∏		_	ьΙ					
E Efficiency class:	IE3			L1	L2	L3	(Ð					
Rated power - P2:	2.2 kW			HIGH VOL		N							
Mains frequency:	50 Hz	- ®~ Г											
Rated voltage:	3 x 220-240D/380-420Y V			[w;	2-(U2	<u>5</u> -(v2)							
Rated current:	8,01-7,32/4,67-4,23 A				\tilde{a}								
Starting current:	760-760 %	- 📍			Ľ\¦	2 <u>4</u> 1							
Cos phi - power factor:	0.83		-1	_				₽					

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		Date:	12/08/2021	
Description	Value			
Rated speed:	1465 rpm			
Efficiency:	IE3 86,7%			
Motor efficiency at full load:	86.7-86.7 %			
Motor efficiency at 3/4 load:	87.3-87.3 %			
Motor efficiency at 1/2 load:	86.4-86.4 %			
Number of poles:	4			
Enclosure class (IEC 34-5):	IP55			
Insulation class (IEC 85):	F			
Motor protec:	NONE			
Motor No:	83V02208			
Mount. design. acc. IEC 34-7:	IM V1			
Controls:				
Frequency converter:	NONE			
Pressure sensor:	Ν			
Others:				
Minimum efficiency index, MEI ≥:	0.70			
Net weight:	73 kg			
Gross weight:	90 kg			
Shipping volume:	0.315 m³			
Country of origin:	HU			
Custom tariff no.:	84137051			







Date:

12/08/2021

98498186 NB 50-250/221 AF2ABQQE 50 Hz

