

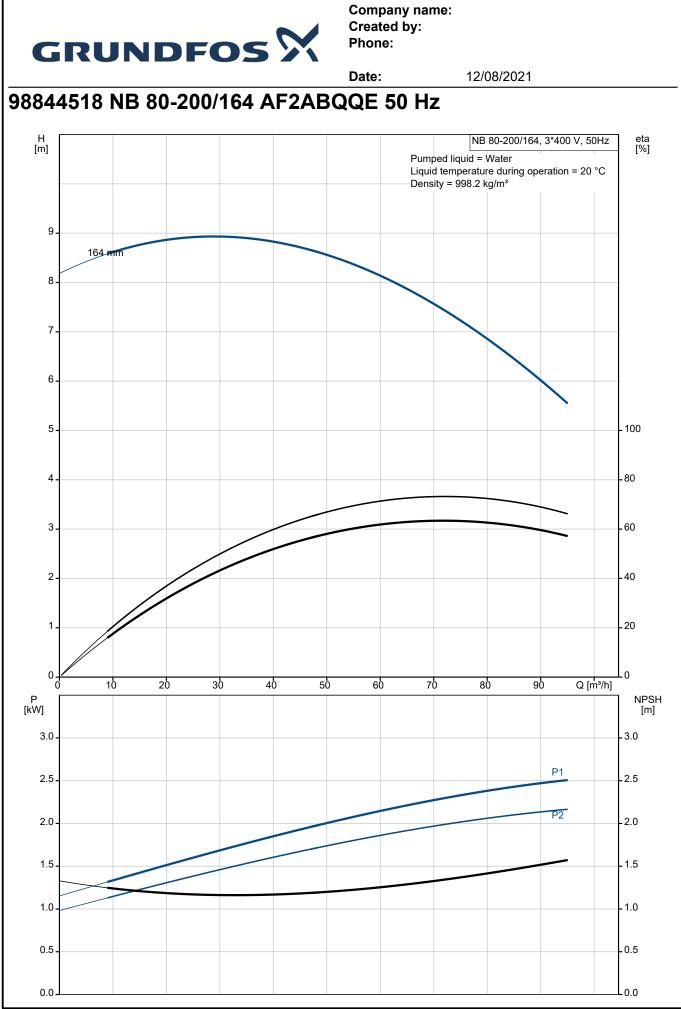
			Date:	12/08/2021				
/.	Description							
	The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.							
	The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.							
	The motor does not incorporate r can be manually reset. The moto (I1/1).	notor protection ar r-protective circuit	d must be connec breaker must be s	ted to a motor-protective circuit breaker which et according to the rated current of the motor				
	The motor can be connected to a Grundfos CUE offers a range of	ı variable speed dr variable speed driv	ive for adjustment es. Please find mo	of pump performance to any duty point. The information in Grundfos Product Center.				
	Further product details							
	Technical data							
	Controls:							
	Frequency converter:	NONE						
	Pressure sensor:	N						
	Liquid:							
	Pumped liquid:	Water						
	Liquid temperature range:	-25 120 °C						
	Selected liquid temperature:	20 °C						
	Density:	998.2 kg/m ³						
	Technical:	Technical						
	Pump speed on which pump data are based: 1465 rpm							
	Rated flow:	74.16 m³/h	- 1					
	Rated head:	7.248 m						
	Actual impeller diameter:	164 mm						
	Nominal impeller diameter:	200						
	Shaft seal arrangement:	Single						
	Code for shaft seal:	BQQE						
	Curve tolerance:	ISO9906:2012 3E	32					
	Bearing design:	Standard	~_					
	Materials:							
	Pump housing:	Cast iron						
		EN-GJL-250						
		ASTM class 35						
	Wear ring:	Brass						
	Impeller:	Cast iron						
	r	EN-GJL-200						
		ASTM class 30						
	Shaft:	Stainless steel						
		EN 1.4301						
		AISI 304						
	Internal pump house coating:	CED						
	Installation:							
	Maximum ambient temperature:	55 °C						
	Maximum operating pressure:	16 bar						
	Pipe connection standard:	EN 1092-2						
	Size of inlet connection:	DN 100						
	Size of outlet connection:	DN 80						
		21100						

Pressure rating 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: 93 kg Gross weight: 110 kg Shipping volume: 0.315 m³ Country of origin: ΗU Custom tariff no.: 84137051



Printed from Grundfos Product Centre [2021.19.003]

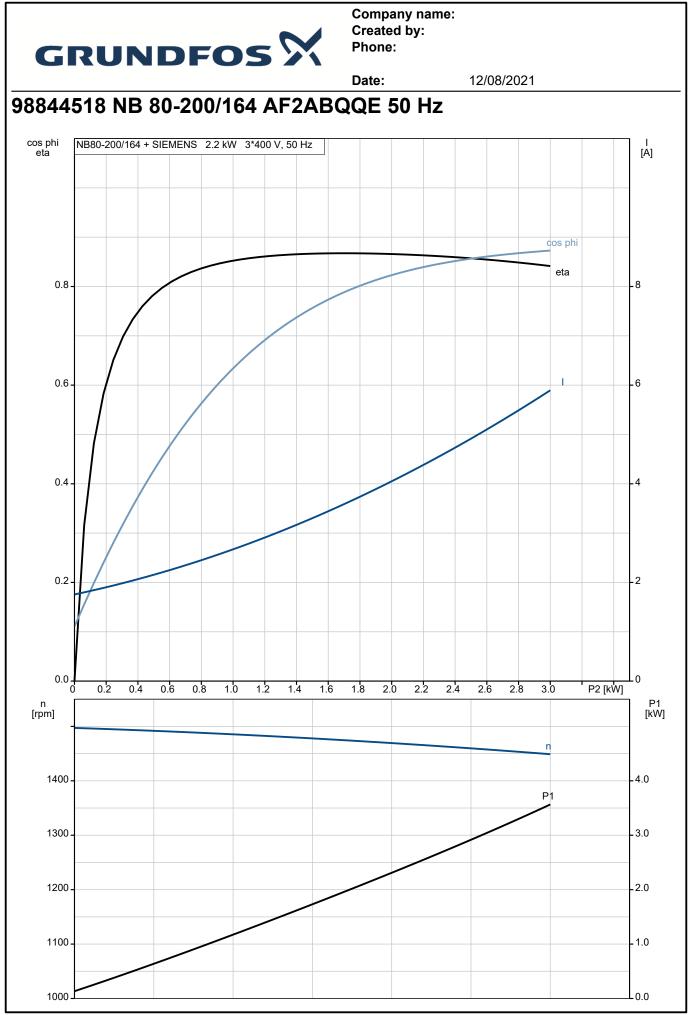


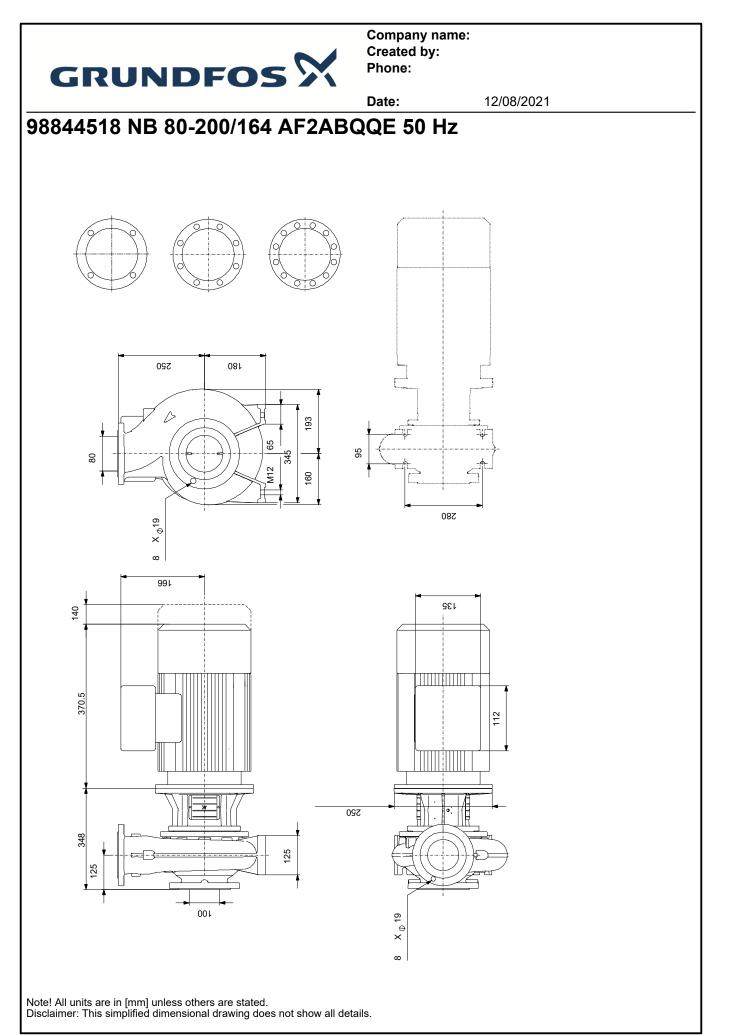
		Date:	12/08/2021
Description	Value	H [m]	NB 80-200/164, 3*400 V, 50Hz
General information:		- `'	Pumped liquid = Water
Product name:	NB 80-200/164 AF2ABQQE	9 -	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³
Product No:	98844518		4 mm
EAN number:	5712602272758	8	
Price:	GBP 2313		
Technical:	GDF 2313	7	
Pump speed on which pump data are	4405	6 -	
based:	1465 rpm	5	
Rated flow:	74.16 m ³ /h		
Rated head:	7.248 m	4	
Actual impeller diameter:	164 mm		
Nominal impeller diameter:	200	3 -	60
Shaft seal arrangement:	Single		
Shaft diameter:	32 mm	2 -	-40
Code for shaft seal:	BQQE	1	20
Curve tolerance:	ISO9906:2012 3B2	· · /	
Pump version:	А	0	0
Bearing design:	Standard	o	20 40 60 80 Q [m³/h]
Materials:		P [kW]	
Pump housing:	Cast iron		
Pump housing:	EN-GJL-250	2.5 -	P1 2.
Pump housing:	ASTM class 35		P2 - 2.
Wear ring:	Brass	2.0 -	
Impeller:	Cast iron	1.5 -	-1.4
Impeller:	EN-GJL-200	1.0	
Impeller:	ASTM class 30		
Shaft:	Stainless steel	0.5	
Shaft:	EN 1.4301	0.0	0.
Shaft:	AISI 304		
Internal pump house coating:	CED		270.5 149
Material code:	A		
Code for rubber:	E		
Installation:			
Maximum ambient temperature:	55 °C	₽ ↓↓↓↓	
Maximum operating pressure:	16 bar	— " <u>}</u>	
Pipe connection standard:	EN 1092-2	125	
Size of inlet connection:	DN 100		
Size of outlet connection:	DN 80		
Pressure rating for connection:	PN 16	8 × • 19	┷╋ ╒╼╍ ┓╴╸╺┍╦╡╠ _╙ _ſい───────
Bearing lubrication:	Grease		
Pump housing with feet:	Yes		┍┿╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋
Support block:	N	-	1 l <u>e ¹¹² e</u> l
Connect code:	F2		
Liquid:	1 C		
Pumped liquid:	Water		LOW VOLTAGE
Liquid temperature range:	-25 120 °C		DIRECTION OF ROTATION
Selected liquid temperature:	20 °C	- ` г	
Density:	998.2 kg/m ³	- 🖕 🖬	
Electrical data:	330.2 NY/11		
	SIEMENIS	_ │ ┦┦	
Motor type:	SIEMENS		
IE Efficiency class:	IE3		
Rated power - P2:	2.2 kW		HIGH VOLTAGE ECTION OF ROTATION
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	- Y	

Printed from Grundfos Product Centre [2021.19.003]



		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:	93 kg		
Gross weight:	110 kg		
Shipping volume:	0.315 m³		
Country of origin:	HU		
Custom tariff no.:	84137051		







Date: 12



98844518 NB 80-200/164 AF2ABQQE 50 Hz

