



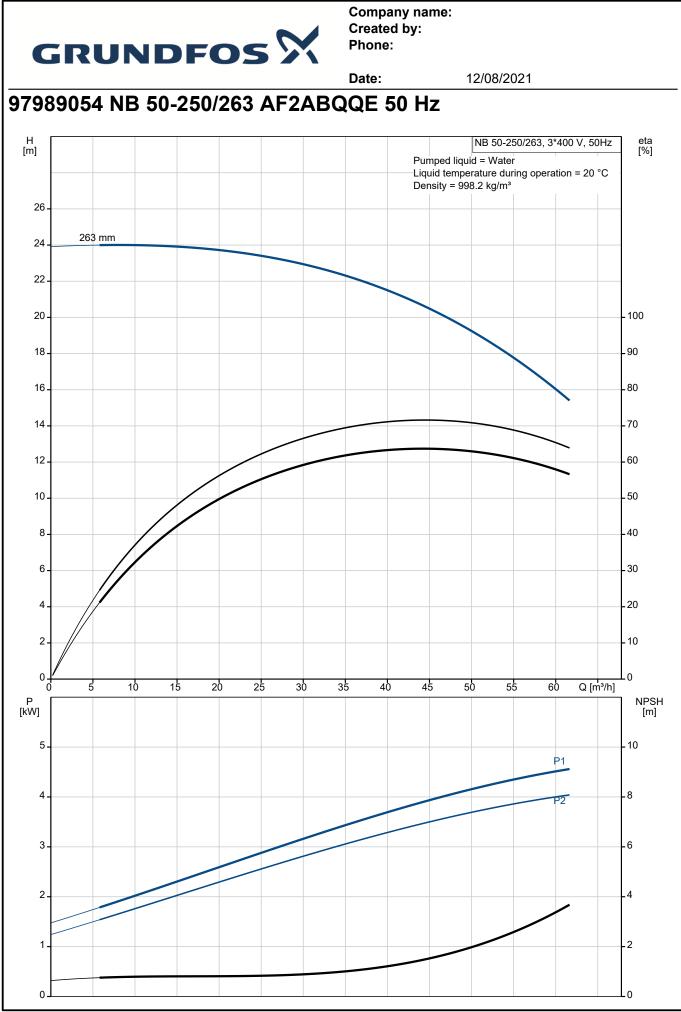
	GRUNDFO	コシン	Phone:		
			Date:	12/08/2021	
	Description				
	The motor is a totally enclosed, f tolerances comply with IEC 6003	an-cooled motor w	vith principal dimens	ions to IEC and DIN standards. Electri	cal
	The motor efficiency is classified	as IE3 in accorda		-30-1. e with DIN 44081/DIN 44082. The pro	tection
	reacts to both slow- and quick-ris	sing temperatures,	e.g. constant overlo	bad and stalled conditions.	
	Thermal switches must be connected and cause accidents. The moregulations.	ected to an externa tors must be conn	al control circuit in a ected to a motor-pro	way which ensures that the automatic tective circuit breaker according to loc	reset al
	The motor can be connected to a Grundfos CUE offers a range of	a variable speed d variable speed driv	rive for adjustment o ves. Please find mo	of pump performance to any duty point. e information in Grundfos Product Cer	nter.
	Further product details				
	Technical data				
	Controls:				
	Frequency converter:	NONE			
	Pressure sensor:	Ν			
	Liquid:				
	Pumped liquid:	Water			
	Liquid temperature range:	-25 120 °C			
	Selected liquid temperature:	20 °C			
	Density:	998.2 kg/m³			
	Technical:				
	Pump speed on which pump data		60 rpm		
	Rated flow:	47.12 m³/h			
	Rated head:	19.67 m			
	Actual impeller diameter:	263 mm			
	Nominal impeller diameter:	250			
	Shaft seal arrangement:	Single			
	Code for shaft seal:	BQQE			
	Curve tolerance:	ISO9906:2012 3	B2		
	Bearing design:	Standard			
	Materials:				
	Pump housing:	Cast iron			
		EN-GJL-250			
		ASTM class 35			
	Wear ring:	Brass			
	Impeller:	Cast iron			
		EN-GJL-200			
		ASTM class 30			
	Shaft:	Stainless steel			
		EN 1.4301			
	Internal pump house coating:	AISI 304 CED			
	Installation:	55 °C			
	Maximum ambient temperature:				
	Maximum operating pressure:	16 bar			
ļ	Pipe connection standard: Size of inlet connection:	EN 1092-2 DN 65			
	SVE OLIDIEL CODBECTION.				

DN 65

Size of inlet connection:



	Date:	12/08/2021
Description		
Size of outlet connection:	DN 50	
Pressure rating for connection:	PN 16	
Bearing lubrication:	Grease	
Pump housing with feet:	Yes	
Support block:	N	
Electrical data:		
Motor type:	SIEMENS	
IE Efficiency class:	IE3	
Rated power - P2:	4 kW	
Mains frequency:	50 Hz	
Rated voltage:	3 x 380-420D/660-725Y V	
Rated current:	8,3-7,51/4,83-4,37 A	
Starting current:	710-710 %	
Cos phi - power factor:	0.82	
Rated speed:	1460 rpm	
Efficiency:	IE3 88,6%	
Motor efficiency at full load:	88.6-88.6 %	
Motor efficiency at 3/4 load:	89.2-89.2 %	
Motor efficiency at 1/2 load:	88.6-88.6 %	
Number of poles:	4	
Enclosure class (IEC 34-5):	IP55	
Insulation class (IEC 85):	F	
Motor No:	83V15213	
Others:		
Minimum efficiency index, MEI ≥	: 0.70	
Net weight:	78 kg	
Gross weight:	95 kg	
Shipping volume:	0.315 m ³	
Country of origin:	HU	
Custom tariff no.:	84137051	
	64157051	





		Date:	12/08/2021
Description	Value	H [m]	NB 50-250/263, 3*400 V, 50Hz [%]
General information:	, and		Pumped liquid = Water
Product name:	NB 50-250/263	26 -	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³
Floduct hame.	AF2ABQQE	24 - 263 mm	
Product No:	97989054	22 -	
EAN number:	5710627478636		
Price:	GBP 2186	20 -	100
Technical:		18 _	
Pump speed on which pump data are	1460 rpm	16 -	-80
based:	1400 (pin		
Rated flow:	47.12 m³/h	14 -	70
Rated head:	19.67 m	12	60
Actual impeller diameter:	263 mm	10	50
Nominal impeller diameter:	250	8-	40
Shaft seal arrangement:	Single		
Shaft diameter:	24 mm	6-	
Code for shaft seal:	BQQE	4	20
Curve tolerance:	ISO9906:2012 3B2	2	10
Pump version:	Α	•	0
Bearing design:	Standard	0 10	20 30 40 50 Q [°] [m³/h]
Materials:		P [kW]	NPS [m
Pump housing:	Cast iron	5_	10
Pump housing:	EN-GJL-250	-	P1
Pump housing:	ASTM class 35	4 -	P2 8
Wear ring:	Brass	3	-6
Impeller:	Cast iron	3	0
Impeller:	EN-GJL-200	2	4
Impeller:	ASTM class 30		
Shaft:	Stainless steel	1-	2
Shaft:	EN 1.4301	0	
Shaft:	AISI 304	■	L 0
Internal pump house coating:	CED		
Material code:	A	100	
Code for rubber:	E		
Installation:	_		
Maximum ambient temperature:	55 °C	₂	
Maximum operating pressure:	16 bar		
Pipe connection standard:	EN 1092-2	125	
Size of inlet connection:	DN 65	-	164 180
Size of outlet connection:	DN 50	2	
Pressure rating for connection:	PN 16		
Bearing lubrication:	Grease		
Pump housing with feet:	Yes		
Support block:	N		k <u>a 112 a</u> l .
Connect code:	F2		
Liquid:	1 4		
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		Y
Selected liquid temperature:	-25 120 C 20 °C		
Density:	998.2 kg/m ³	- \$	₿ [,] [,]
Electrical data:	330.2 Ng/11		
	SIEMENS		
Motor type:		TO AMPLIFIER	
E Efficiency class:	IE3	L1	
Rated power - P2:	4 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-420D/660-725Y V	<u> </u>	
Rated current:	8,3-7,51/4,83-4,37 A	. _ ↓ ↓@	
Starting current:	710-710 %	1 ii 🛄	
Cos phi - power factor:		TO AMPLIFIER RELAY L1	
cos prii - power lactor.	0.82	1	

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Efficiency:	IE3 88,6%			
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Motor efficiency at 3/4 load:	89.2-89.2 %			
Motor efficiency at 1/2 load:	88.6-88.6 %			
Number of poles:	4			
Enclosure class (IEC 34-5):	IP55			
Insulation class (IEC 85):	F			
Motor protec:	PTC			
Motor No:	83V15213			
Mount. design. acc. IEC 34-7:	IM V1			
Controls:				
Frequency converter:	NONE			
Pressure sensor:	Ν			
Others:				
Minimum efficiency index, MEI ≥:	0.70			
Net weight:	78 kg			
Gross weight:	95 kg			
Shipping volume:	0.315 m³			
Country of origin:	HU			
Custom tariff no.:	84137051			

