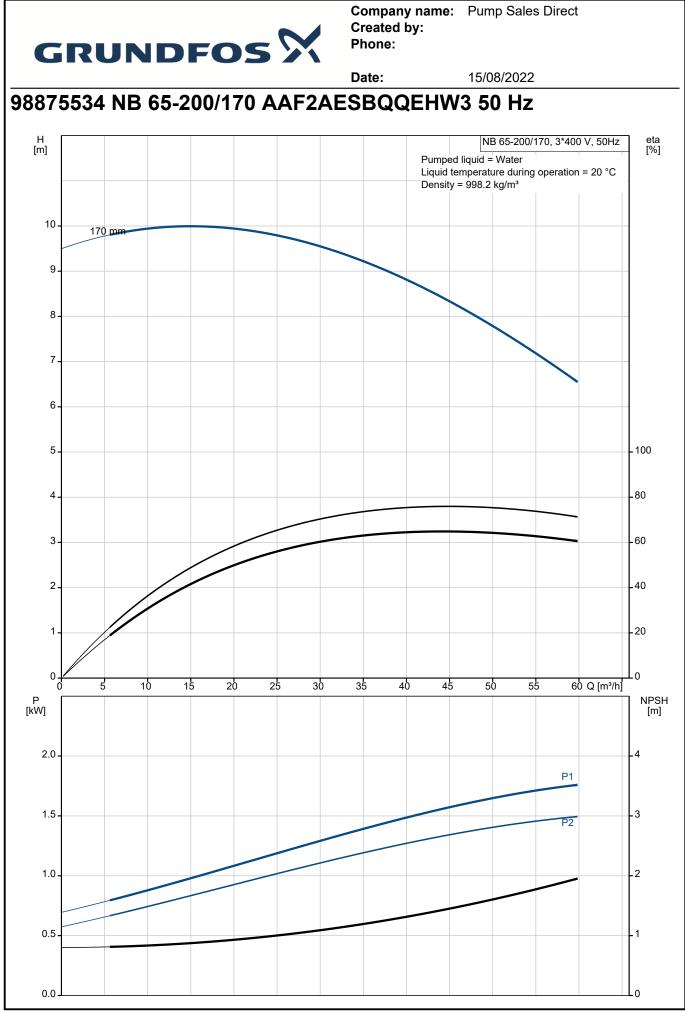




y.	Description						
	The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.						
	The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.						
	The motor does not incorporate motor protection and must be connected to a motor-protective circuit breaker which can be manually reset. The motor-protective circuit breaker must be set according to the rated current of the motor (I1/1).						
	The motor can be connected to a variable speed drive for adjustment of pump performance to any duty point. Grundfos CUE offers a range of variable speed drives. Please find more information in Grundfos Product Center.						
	Further product details Cast-iron parts have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a						
	high-quality dip-painting process a thin, well-controlled layer on th	where an elec	trical field a	ound the	products ensures deposition of paint particles		
	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 dat		1445 rpm				
	Rated flow: Rated head:	45.84 m³/h 8.144 m					
	Actual impeller diameter:	0.144 m 170 mm					
	Nominal impeller diameter:	200					
	Shaft seal arrangement:	Single					
	Code for shaft seal:	BQQE					
	Curve tolerance:	ISO9906:20 ²	2 3B2				
	Bearing design:	Standard					
	Materials:						
	Pump housing:	Cast iron					
		EN-GJL-250	05				
	Wear ring:	ASTM class	30				
	Wear ring: Impeller:	Brass Cast iron					
		EN-GJL-200					
		ASTM class	30				
	Internal pump house coating:	CED					
	Shaft:	Stainless ste	el				
		EN 1.4301 AISI 304					
	Installation:						
	t max amb:	55 °C					
	Maximum operating pressure:	16 bar					
	Pipe connection standard:	EN 1092-2					
	Size of inlet connection:	DN 80					
	Size of outlet connection:	DN 65					
	Pressure rating for connection:	PN 16					



Date: 15/08/2022 Qty. | Description 1 Bearing lubrication: Grease Pump housing with feet: Yes Support block (Yes/No): Ν Electrical data: Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 1.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-420Y V Rated current: 5.5/3.15 A Starting current: 730-730 % Cos phi - power factor: 8.0 Rated speed: 1445 rpm Efficiency: IE3 85,3% Motor efficiency at full load: 85.3-85.3 % Motor efficiency at 3/4 load: 86-86 % Motor efficiency at 1/2 load: 85.2-85.2 % Number of poles: 4 IP55 Enclosure class (IEC 34-5): Insulation class (IEC 85): F Motor No: 83V02206 Bearing insulation type N-end: Ν Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 63 kg Gross weight: 80 kg Shipping volume: 0.315 m³ 386063202 Danish VVS No.: Country of origin: ΗU Custom tariff no.: 84137051



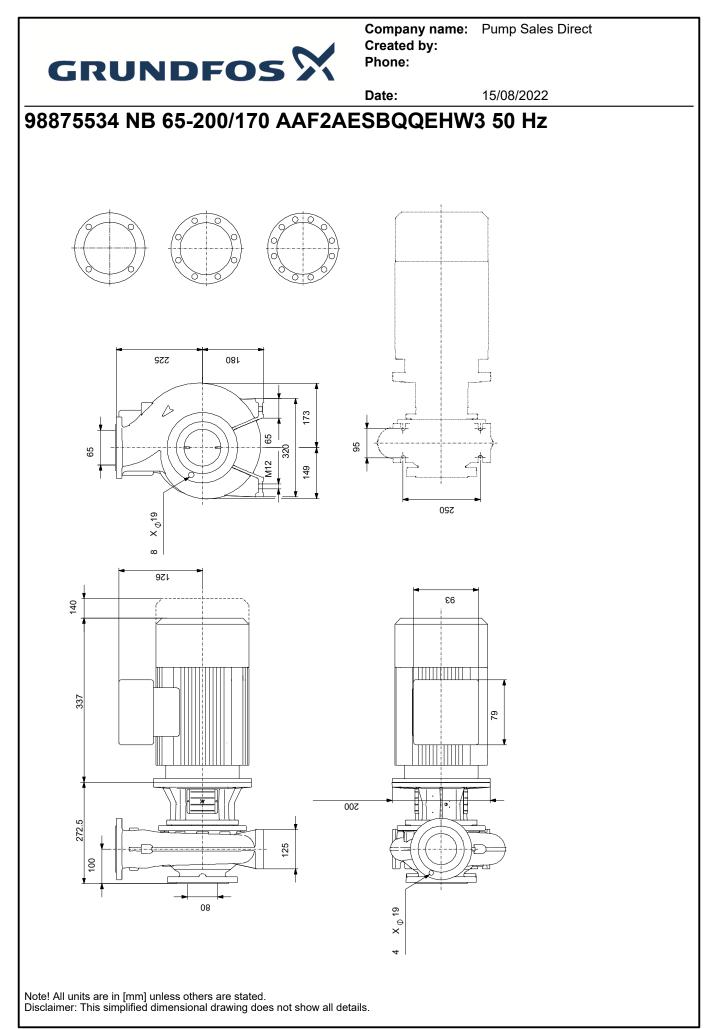


		н	NB 65-200/170, 3*400 V, 50Hz	eta
Description	Value	[m]	NB 65-200/170, 3°400 V, 50Hz Pumped liquid = Water	[%]
General information:			Liquid temperature during operation = 20 °C	
Product name:	NB 65-200/170 AAF2AESBQQEHW3	10 - 17 <u>0 mm</u>	Density = 998.2 kg/m ³	
Product No:	98875534	9		
EAN number:	5712602781113	_		
Technical:		8 -		
Pump speed on which pump data based:	are 1445 rpm	7		
Rated flow:	45.84 m³/h	6		
Rated head:	8.144 m	_		400
Actual impeller diameter:	170 mm	5 -		- 100
Nominal impeller diameter:	200	4		- 80
Shaft seal arrangement:	Single	_		
Shaft diameter:	24 mm	3 -		- 60
Code for shaft seal:	BQQE	2		- 40
Curve tolerance:	ISO9906:2012 3B2			
Pump version:	A	1		- 20
Bearing design:	Standard	0		_0
Materials:		0 10	20 30 40 50 Q [m³/h]	-0
Pump housing:	Cast iron	P [kW]		NPSH [m]
Pump housing:	EN-GJL-250	2.0		_4
Pump housing:	ASTM class 35	2.0 -	P1_	- 7
Wear ring:	Brass	1.5		-3
Impeller:	Cast iron	1.5 -	P2	- 3
Impeller:	EN-GJL-200	1.0		-2
Impeller:	ASTM class 30	1.0		- 2
Internal pump house coating:	CED	0.5		- 1
Material code:	A	0.0		- '
Code for rubber:	E	0.0		_0
Shaft:	Stainless steel	0.0 =		_0
Shaft:	EN 1.4301			
Shaft:	AISI 304	100		D
Installation:	,			b
t max amb:	55 °C			4
Maximum operating pressure:	16 bar			
Pipe connection standard:	EN 1092-2			10
Size of inlet connection:	DN 80	125		e e e
Size of outlet connection:	DN 65	—		000
Pressure rating for connection:	PN 16	8		
Bearing lubrication:	Grease			
Pump housing with feet:	Yes		8 8	
Support block (Yes/No):	N			
Connect code:	F2		<u> − ′² − </u>	
Liquid:	12			
Pumped liquid:	Water			
Liquid temperature range:	-25 120 °C		OLTAGE	
Selected liquid temperature:	-25 120 C 20 °C		OF ROTATION	
Density:	998.2 kg/m ³			
Electrical data:	330.2 Kg/III			
Motor type:	SIEMENS		XX I	
IE Efficiency class:	IE3			
Rated power - P2:	1.5 kW			
Mains frequency:	50 Hz	HIGH VOL		
Rated voltage:	3 x 220-240D/380-420Y V		—	
Rated current:	5.5/3.15 A			
Starting current:	730-730 %		eruerver	
Cos phi - power factor:	0.8			
Rated speed:	1445 rpm			
Efficiency:	IE3 85,3%			

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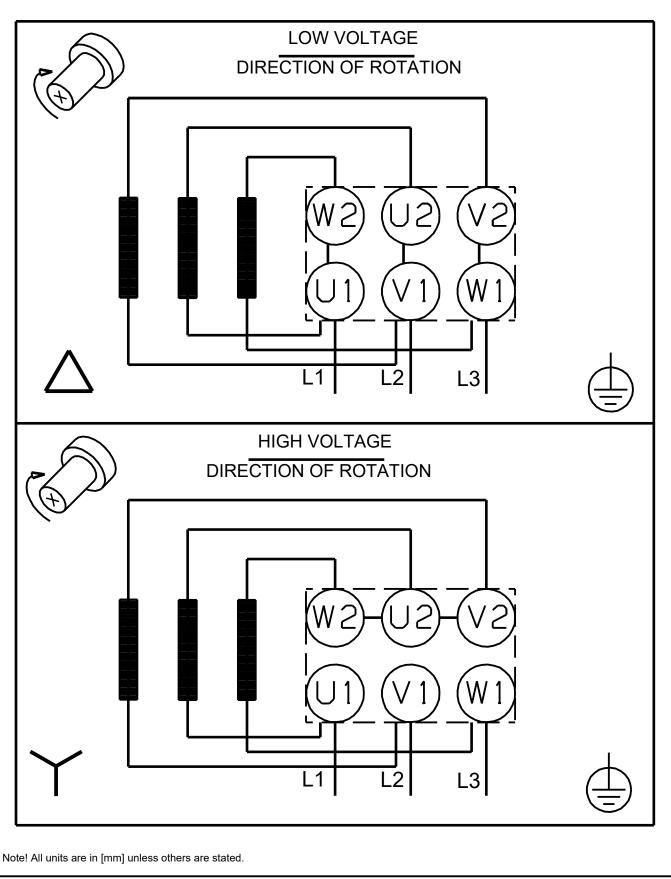
		Date:	15/08/2022
Description	Value		
Motor efficiency at full load:	85.3-85.3 %		
Motor efficiency at 3/4 load:	86-86 %		
Motor efficiency at 1/2 load:	85.2-85.2 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Built-in motor protection:	NONE		
Motor No:	83V02206		
Mount. design. acc. IEC 34-7:	IM V1		
Bearing insulation type N-end:	Ν		
Controls:			
Frequency converter:	NONE		
Pressure sensor:	Ν		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	63 kg		
Gross weight:	80 kg		
Shipping volume:	0.315 m³		
Danish VVS No.:	386063202		
Country of origin:	HU		
Custom tariff no.:	84137051		





15/08/2022

98875534 NB 65-200/170 AAF2AESBQQEHW3 50 Hz





Date: 15/08/2022						
Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		NB 65-200/170	1	98875534	Price o reques	