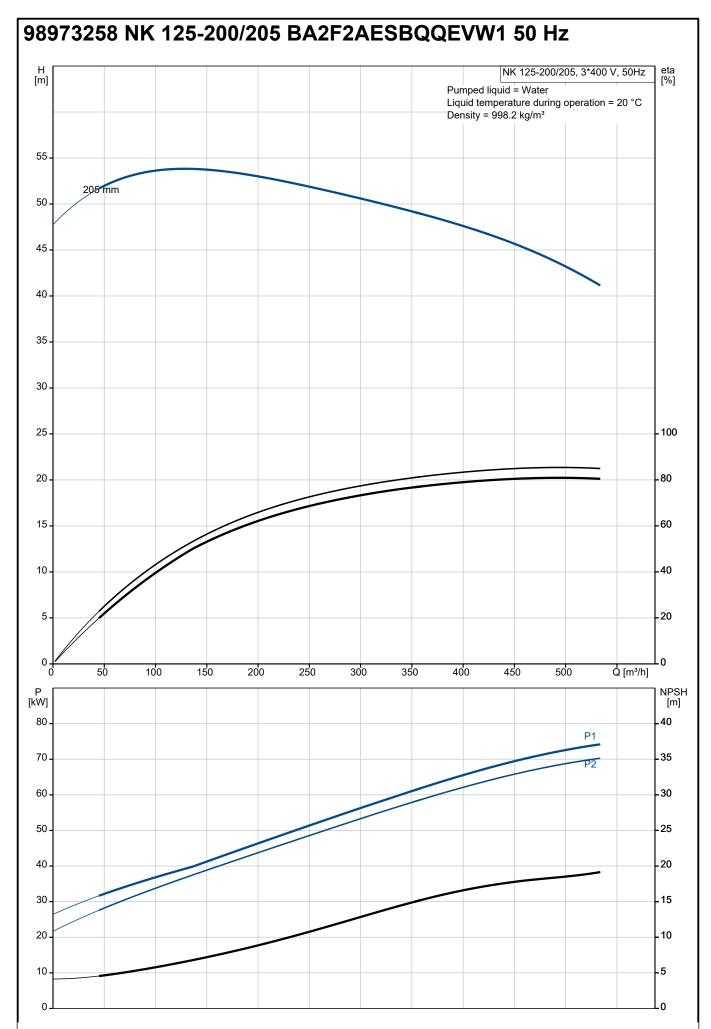
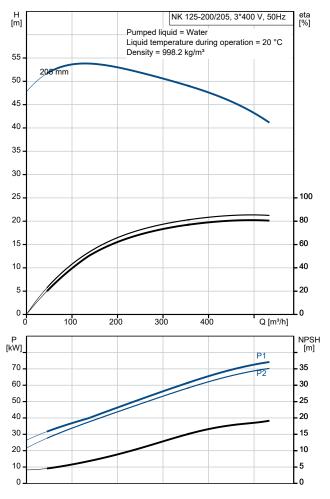


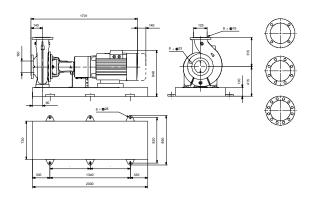
Description										
Grouting is mandatory for all base frame types for all 2-pole pumps equal to and above 55 kW to fulfill the max vibration level requirements stated in standards. For other pump motor combinations grouting of the base frame is optional.										
Motor										
The motor is a totally 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 has thermistors (PTC sensors) in the windings in accordance with DIN 44081/DIN 44082. The protection reacts to both slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.										
					Thermal switches must be connected to an external control circuit in a way which ensures that the automatic reset cannot cause accidents. The motors must be connected to a motor-protective circuit breaker according to local regulations. A variable speed drive makes adjustment of pump performance to any duty point possible. If the motor is to be connected to a variable speed drive, the pump must be ordered with an electrically insulated motor bearing.					
Technical data										
Controls:										
Frequency converter: Pressure sensor:	NONE N									
Liquid:										
Pumped liquid:	Water									
Liquid temperature range:	-25 120 °C									
Selected liquid temperature: Density:	20 °C 998.2 kg/m³									
Technical:										
Pump speed on which pump data are based: 2975 rpm Rated flow: 493.2 m ³ /h										
Pump with motor (Yes/No):	Y									
Rated head:	43.46 m									
Actual impeller diameter:	205 mm									
Nominal impeller diameter:	200									
Code for shaft seal:	BQQE									
Mechanical seal type:										
Curve tolerance: Bearing design:	ISO9906:2012 3B Standard									
Materials:										
Pump housing:	Cast iron EN-GJL-250 ASTM class 35									
Wear ring:	Brass									
Impeller:	Cast iron EN-GJL-200 ASTM class 30									
Internal pump house coating: Shaft:	AS IN class 30 CED Stainless steel EN 1.4301 AISI 304									
Installation:										
t max amb:	55 °C									
Maximum operating pressure:	16 bar									
Pipe connection standard: Type of inlet connection:	EN 1092-2									
	DIN									

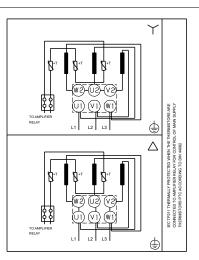
Qty.	Description	
1	Type of outlet connection:	DIN
	Size of inlet connection:	DN 150
	Size of outlet connection:	DN 125
	Pressure rating for connection:	PN 16
	Coupling type:	Flexible w/spacer
	Base frame design:	EN/ISO
	Code for base frame:	10
	Grouting (Yes/No):	Y
	Electrical data:	
	Motor type:	SIEMENS
	IE Efficiency class:	IE3
	Rated power - P2:	75 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 380-420D/660-725Y V
	Rated current:	128/74 A
	Starting current:	680-680 %
	Cos phi - power factor:	0.89
	Rated speed:	2975 rpm
1	Efficiency:	IE3 94,7%
1	Motor efficiency at full load:	94.7-94.7 %
1	Motor efficiency at 3/4 load:	94.8-94.8 %
1	Motor efficiency at 1/2 load:	94.1-94.1 %
1	Number of poles:	2
1	Enclosure class (IEC 34-5):	IP55 F
	Insulation class (IEC 85):	
1	Motor No: Bearing insulation type N-end:	98943376 STEEL BEARING
1		
	Others:	
	Minimum efficiency index, MEI ≥:	
	Net weight:	972 kg
	Gross weight:	1010 kg
	Shipping volume: Country of origin:	2.13 m³ HU
	Custom tariff no.:	84137059
		04107000
1		
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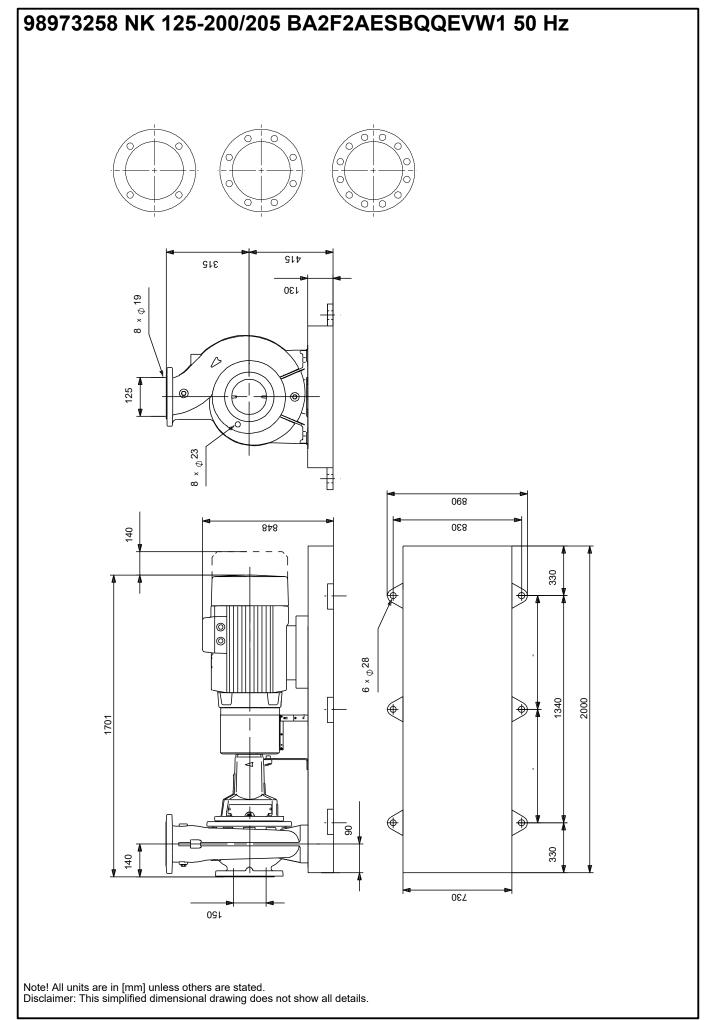
Description			
Description General information:	Value		
Product name:	NK 125-200/205		
r foddet hame.	BA2F2AESBQQEVW1		
Product No:	98973258		
EAN number:	5712604501658		
Technical:			
Pump speed on which pump data are based:	2975 rpm		
Rated flow:	493.2 m³/h		
Pump with motor (Yes/No):	Y		
Rated head:	43.46 m		
Actual impeller diameter:	205 mm		
Nominal impeller diameter:	200		
Shaft diameter:	32 mm		
Code for shaft seal:	BQQE		
Mechanical seal type: Curve tolerance:	Single ISO9906:2012 3B		
Pump version:	A2		
Bearing design:	Standard		
Materials:	Stanuaru		
Pump housing:	Cast iron		
Pump housing:	EN-GJL-250		
Pump housing:	ASTM class 35		
Wear ring:	Brass		
Impeller:	Cast iron		
Impeller:	EN-GJL-200		
Impeller:	ASTM class 30		
Internal pump house coating:	CED		
Material code:	Α		
Code for rubber:	E		
Shaft:	Stainless steel		
Shaft:	EN 1.4301		
Shaft:	AISI 304		
Installation:			
t max amb:	55 °C		
Maximum operating pressure:	16 bar		
Pipe connection standard:	EN 1092-2		
Type of inlet connection:	DIN		
Type of outlet connection:	DIN		
Size of inlet connection: Size of outlet connection:	DN 150		
	DN 125 PN 16		
Pressure rating for connection: Coupling type:	Flexible w/spacer		
Base frame design:	EN/ISO		
Code for base frame:	10		
Grouting (Yes/No):	Y		
Connect code:	F		
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m³		
Electrical data:			
Motor type:	SIEMENS		
IE Efficiency class:	IE3		
Rated power - P2:	75 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-420D/660-725Y V		
Rated current:	128/74 A		
Starting current:	680-680 %		
Cos phi - power factor:	0.89		
Rated speed:	2975 rpm		
Efficiency:	IE3 94,7%		
Motor efficiency at full load:	94.7-94.7 %		

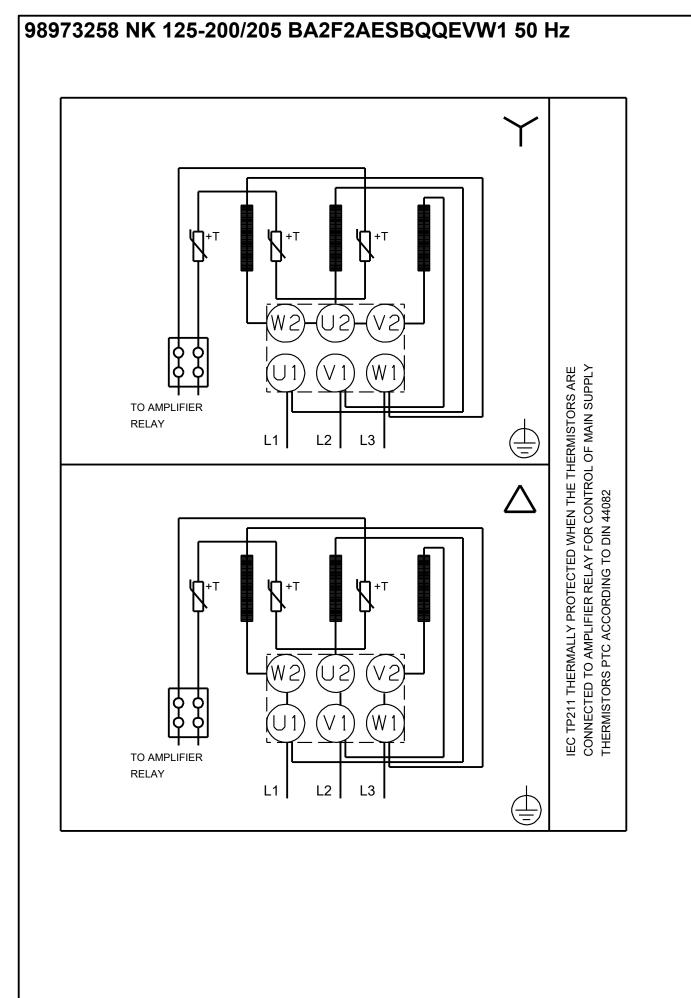






Description	Value
Motor efficiency at 3/4 load:	94.8-94.8 %
Motor efficiency at 1/2 load:	94.1-94.1 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	98943376
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Frequency converter:	NONE
Pressure sensor:	Ν
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	972 kg
Gross weight:	1010 kg
Shipping volume:	2.13 m ³
Country of origin:	HU
Custom tariff no .:	84137059





Note! All units are in [mm] unless others are stated.

Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		NK 125-200/205	1	98973258	Price or reques		
					reques		