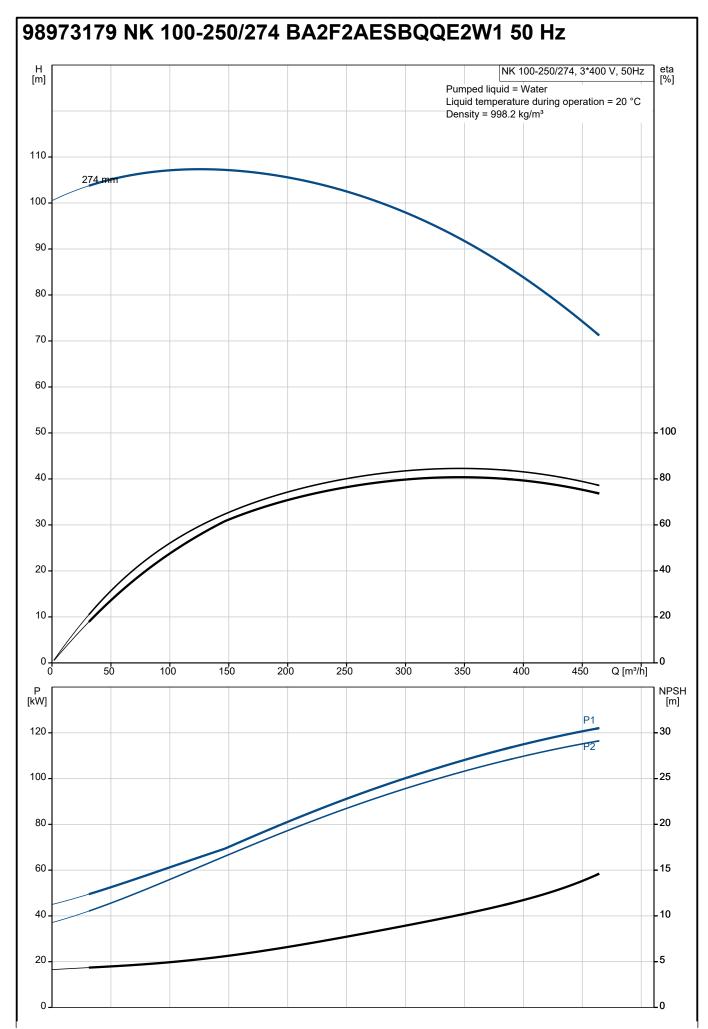
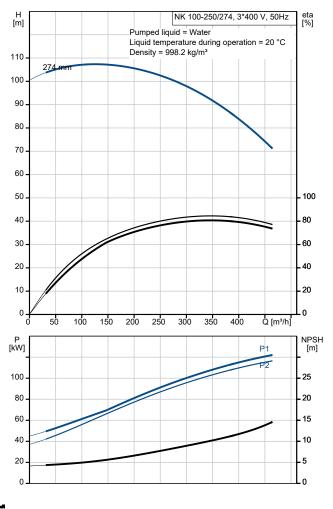


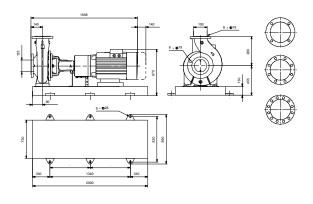
Description					
Grouting is mandatory for all base frame types for all 2-pole pumps equal to and above 55 kW to fulfill the max vibration level requirements stated in standards. For other pump motor combinations grouting of the base frame is optional.					
Motor					
The motor is a totally enclosed, 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.					
Cast-iron parts have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles a thin, well-controlled layer on the surface.					
Technical data					
Controls:					
Frequency converter:	NONE				
Pressure sensor:	Ν				
Liquid:					
Pumped liquid:	Water				
Liquid temperature range:	-25 120 °C				
Selected liquid temperature: Density:	20 °C 998.2 kg/m³				
Technical:	Technical:				
Pump speed on which pump data are based: 2982 rpm Rated flow: 345.6 m ³ /h					
Pump with motor (Yes/No):	Y				
Rated head:	92.1 m				
Actual impeller diameter:	274 mm				
Nominal impeller diameter:	250				
Code for shaft seal:	BQQE				
Mechanical seal type:					
Curve tolerance: Bearing design:	ISO9906:2012 3B Standard				
Materials:					
Pump housing:	Cast iron EN-GJL-250				
Moor ring:	ASTM class 35				
Wear ring: Impeller:	Brass Cast iron				
	EN-GJL-200				
	ASTM class 30				
Internal pump house coating:	CED				
Shaft:	Stainless steel				
	EN 1.4301 AISI 304				
Installation:					
t max amb:	55 °C				
	16 bar				
Maximum operating pressure:					
Maximum operating pressure: Pipe connection standard:	EN 1092-2				

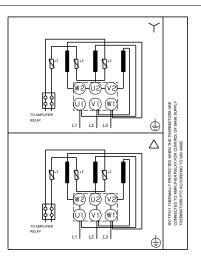
Qty.	Description	
<u> </u>	Type of outlet connection:	DIN
•	Size of inlet connection:	DN 125
	Size of outlet connection:	DN 100
	Pressure rating for connection:	PN 16
	Coupling type:	Flexible w/spacer
	Base frame design:	EN/ISO
	Code for base frame:	10
	Grouting (Yes/No):	Y
	Electrical data:	
	Motor type:	SIEMENS
	IE Efficiency class:	
	Rated power - P2:	132 kW 50 Hz
	Mains frequency: Rated voltage:	3 x 380-420D/660-725Y V
	Rated current:	220/127 A
	Starting current:	720-720 %
	Cos phi - power factor:	0.91
	Rated speed:	2982 rpm
	Efficiency:	IE3 95,4%
	Motor efficiency at full load:	95.4-95.4 %
	Motor efficiency at 3/4 load:	95.5-95.5 %
	Motor efficiency at 1/2 load:	95.2-95.2 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	98943383
	Bearing insulation type N-end:	STEEL BEARING
	Others:	
	Minimum efficiency index, MEI ≥:	
	Net weight:	1350 kg
	Gross weight:	1460 kg
	Shipping volume:	2.97 m ³
	Country of origin: Custom tariff no.:	HU 84137059
		84137039
	from Crundfon Broduct Contro [2022 4	2 0071



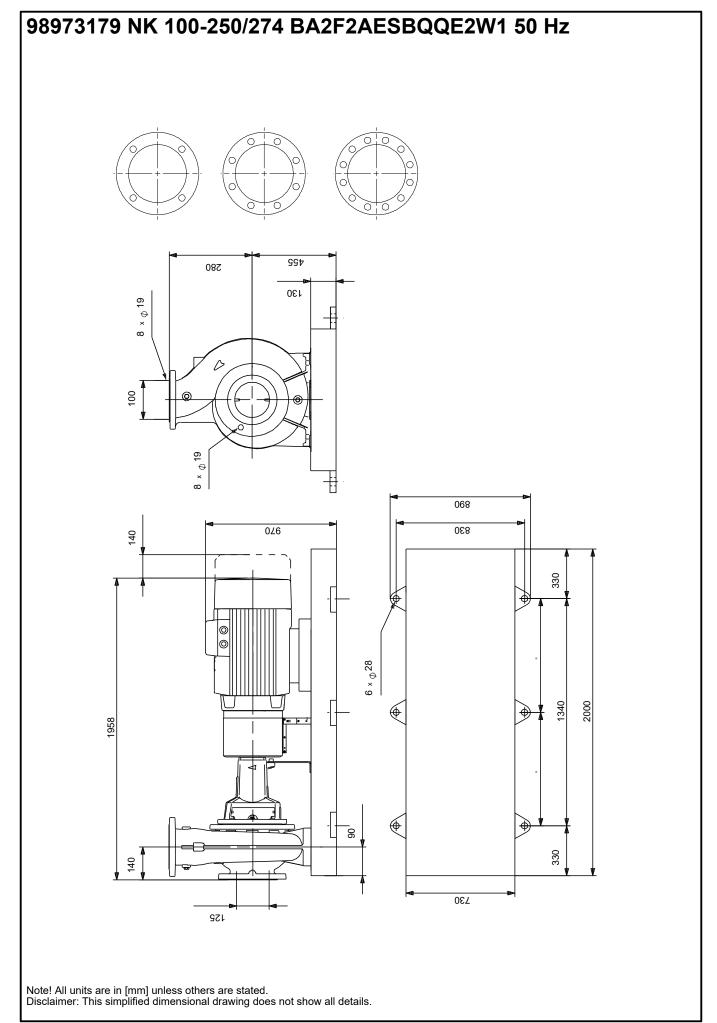
Description	Value		
General information:	NK 100 250/274		
Product name:	NK 100-250/274 BA2F2AESBQQE2W1		
Product No:	98973179		
EAN number:	5712604500170		
Technical:			
Pump speed on which pump data are based:	2982 rpm		
Rated flow:	345.6 m³/h		
Pump with motor (Yes/No):	Y		
Rated head:	92.1 m		
Actual impeller diameter:	274 mm		
Nominal impeller diameter:	250		
Shaft diameter:	32 mm		
Code for shaft seal:	BQQE		
Mechanical seal type:	Single		
Curve tolerance:	ISO9906:2012 3B		
Pump version:	A2		
Bearing design:	Standard		
Materials:	Costiron		
Pump housing:	Cast iron		
Pump housing:	EN-GJL-250		
Pump housing:	ASTM class 35		
Wear ring: Impeller:	Brass Cast iron		
•	EN-GJL-200		
Impeller:	ASTM class 30		
Impeller: Internal pump house coating:	CED		
Material code:	A		
Code for rubber:			
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:	DN 125		
Size of outlet connection:	DN 100		
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		
Connect code:	F		
Liquid:	Weter		
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Selected liquid temperature:	20 °C		
Density: Electrical data:	998.2 kg/m³		
Motor type:	SIEMENS		
IE Efficiency class:	IE3		
Rated power - P2:	132 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-420D/660-725Y V		
Rated current:	220/127 A		
Starting current:	720-720 %		
Cos phi - power factor:	0.91		
Rated speed:	2982 rpm		
	2982 rpm IE3 95,4%		
Rated speed:	•		

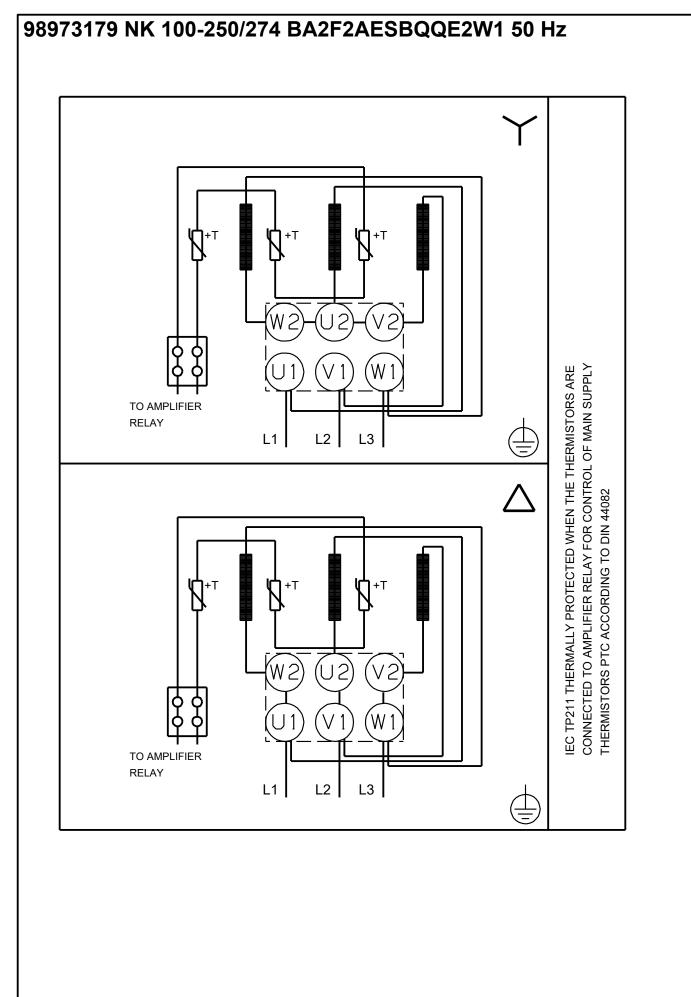






Description	Value
Motor efficiency at 3/4 load:	95.5-95.5 %
Motor efficiency at 1/2 load:	95.2-95.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	98943383
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Frequency converter:	NONE
Pressure sensor:	Ν
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	1350 kg
Gross weight:	1460 kg
Shipping volume:	2.97 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 100-250/274	1	98973179	Price o reques		
					reques		