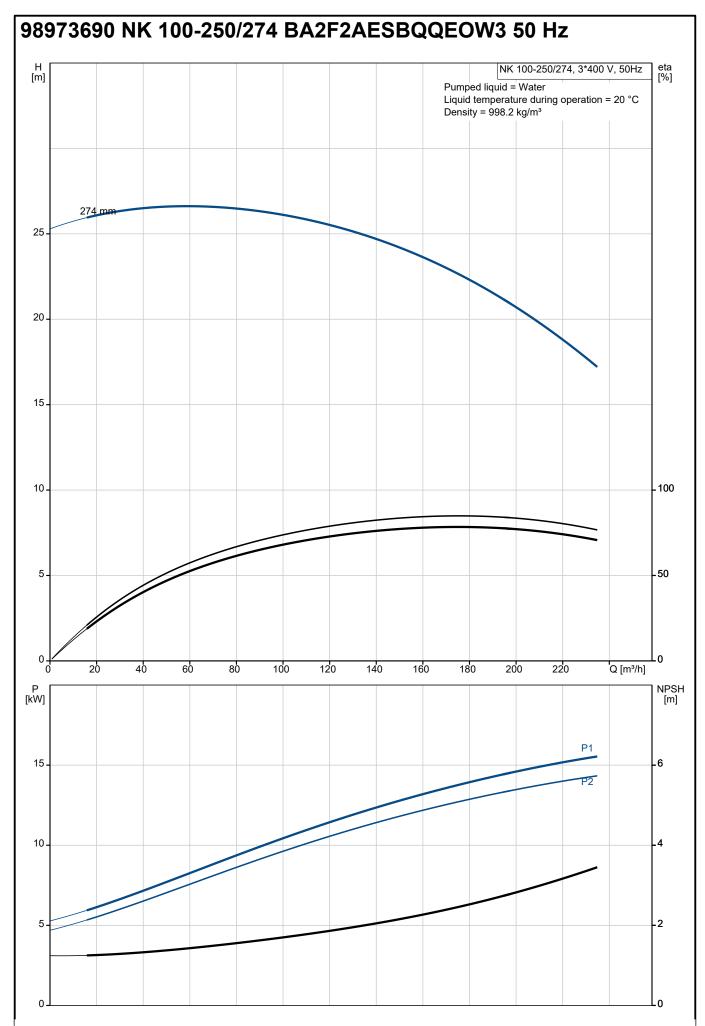
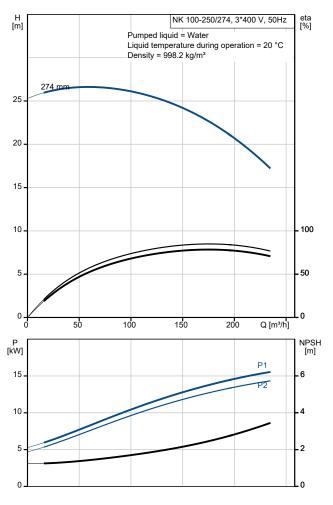


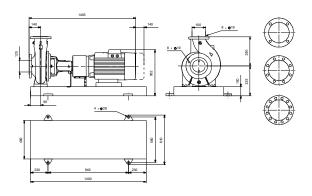
Qty.	Description							
1	The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.							
	The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.							
	<ul> <li>The motor has thermistors (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.</li> <li>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.</li> <li>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.</li> </ul>							
	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 particle a thin, well-controlled layer on the surface.							
	Controls:							
	Frequency converter: Pressure sensor:	NONE N						
	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 Rated flow: Pump with motor (Yes/No): Rated head: Actual impeller diameter: Nominal impeller diameter: Code for shaft seal: Mechanical seal type:	a are based: 1475 rpm 174.9 m³/h Y 22.46 m 274 mm 250 BQQE Single						
	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:	CED Stainless steel EN 1.4301 AISI 304						
	Installation: t max amb:	55 °C						
	Maximum operating pressure: Pipe connection standard: Type of inlet connection:	16 bar EN 1092-2 DIN						
	Type of outlet connection: Size of inlet connection: Size of outlet connection:	DIN DN 125 DN 100						
	Pressure rating for connection: Coupling type:	PN 16 Flexible w/spacer						

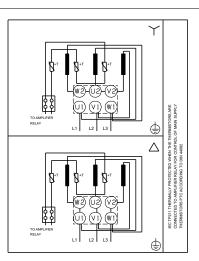
Qty.	Description			
1 <u></u>	Base frame design:	EN/ISO		
1'	Code for base frame:	7		
	Grouting (Yes/No):	N		
	Electrical data:			
	Motor type:	SIEMENS		
	IE Efficiency class:	IE3		
	Rated power - P2:	15 kW		
	Mains frequency:	50 Hz		
	Rated voltage:	3 x 380-420D/660-725Y V		
	Rated current:	28.5/16.6 A		
	Starting current:	850-850 %		
	Cos phi - power factor:	0.82		
	Rated speed: Efficiency:	1475 rpm IE3 92,1%		
	Motor efficiency at full load:	92.1-92.1 %		
	Motor efficiency at 3/4 load:	92.3-92.3 %		
	Motor efficiency at 1/2 load:	91.5-91.5 %		
	Number of poles:	4		
	Enclosure class (IEC 34-5):	IP55		
	Insulation class (IEC 85):	F		
	Motor No:	98957800		
	Bearing insulation type N-end:	Ν		
	Others:			
	Minimum efficiency index, MEI ≥:			
	Net weight:	334 kg		
	Gross weight: Shipping volume:	361 kg 0.742 m³		
	Country of origin:	HU		
	Custom tariff no.:	84137059		



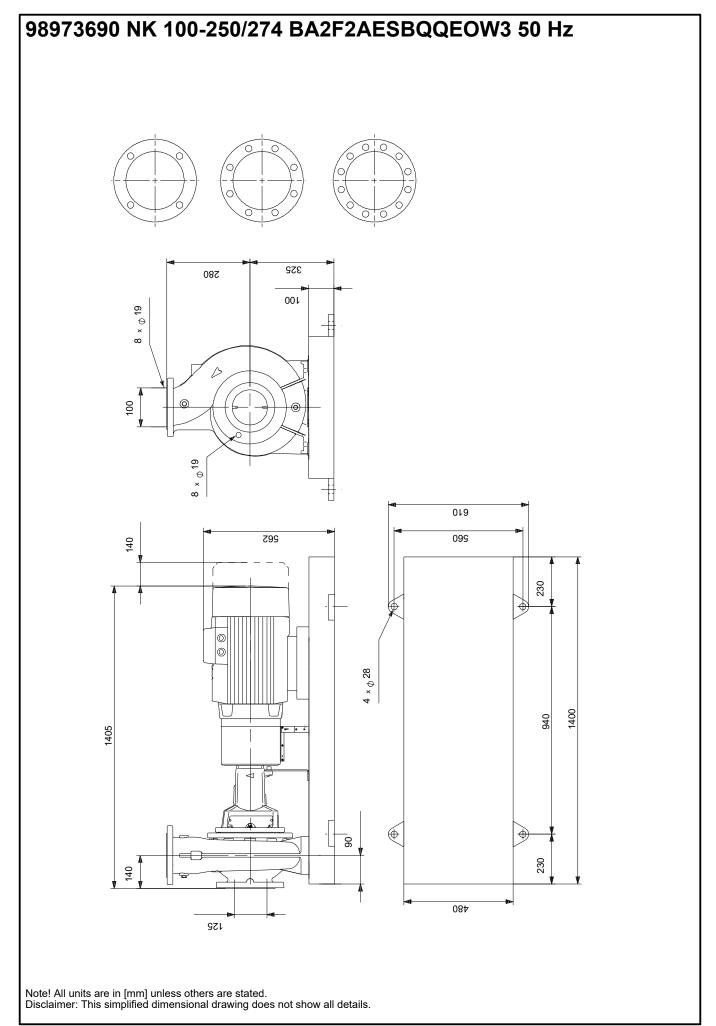
Description	Value	
General information:		
Product name:	NK 100-250/274	
	BA2F2AESBQQEOW3	
Product No:	98973690	
EAN number: Technical:	5712604510735	
Pump speed on which pump data		
are based:	1475 rpm	
Rated flow:	174.9 m³/h	
Pump with motor (Yes/No):	Y	
Rated head:	22.46 m	
Actual impeller diameter:	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	
Naterials:		
Pump housing:	Cast iron	
Pump housing:	EN-GJL-250	
Pump housing:	ASTM class 35	
Vear ring:	Brass	
mpeller:	Cast iron	
mpeller:	EN-GJL-200	
mpeller:	ASTM class 30	
nternal pump house coating:	CED	
Material code:	A	
Code for rubber:	E	
Shaft:	Stainless steel	
Shaft:	EN 1.4301	
Shaft:	AISI 304	
nstallation:		
max amb:	55 °C	
Maximum operating pressure:	16 bar	
Pipe connection standard:	EN 1092-2	
Type of inlet connection:	DIN	
Гуре 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:	7	
Grouting (Yes/No):	N	
Connect code:	F	
_iquid:		
Pumped liquid:	Water	
_iquid temperature range:	-25 120 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	
lectrical data:		
Aotor type:	SIEMENS	
E Efficiency class:	IE3	
	15 kW	
Mains frequency:	50 Hz	
Mains frequency: Rated voltage:	3 x 380-420D/660-725Y V	
Mains frequency: Rated voltage: Rated current:	3 x 380-420D/660-725Y V 28.5/16.6 A	
Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current:	3 x 380-420D/660-725Y V 28.5/16.6 A 850-850 %	
Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor:	3 x 380-420D/660-725Y V 28.5/16.6 A 850-850 % 0.82	
Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed:	3 x 380-420D/660-725Y V 28.5/16.6 A 850-850 % 0.82 1475 rpm	
Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor:	3 x 380-420D/660-725Y V 28.5/16.6 A 850-850 % 0.82	

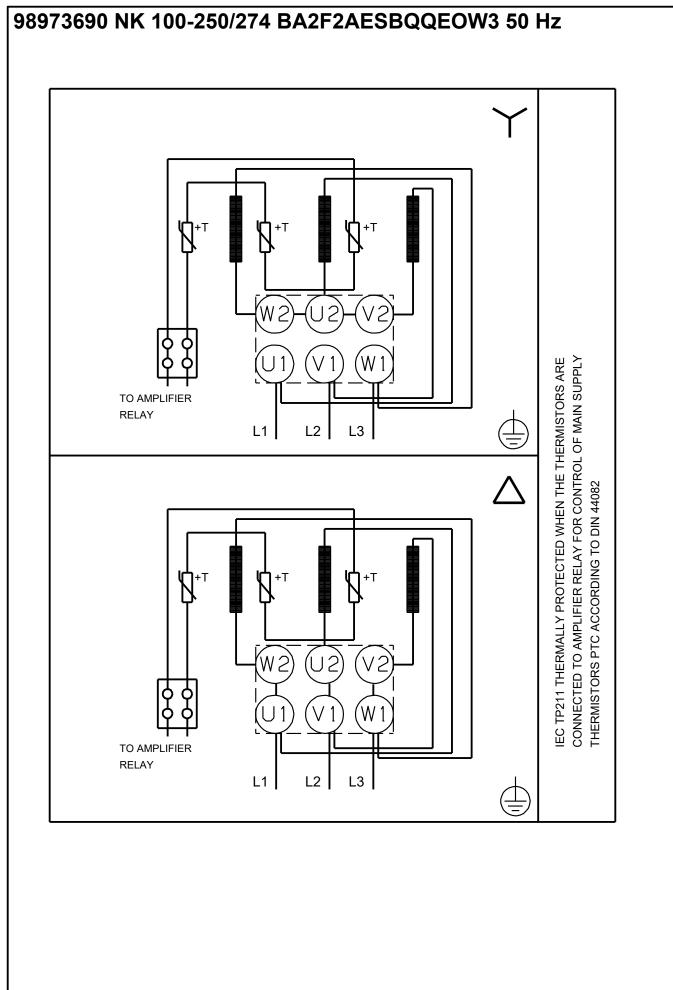






Description	Value		
Motor efficiency at 3/4 load:	92.3-92.3 %		
Motor efficiency at 1/2 load:	91.5-91.5 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Built-in motor protection:	PTC		
Motor No:	98957800		
Bearing insulation type N-end:	Ν		
Controls:			
Frequency converter:	NONE		
Pressure sensor:	Ν		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	334 kg		
Gross weight:	361 kg		
Shipping volume:	0.742 m³		
Country of origin:	HU		
Custom tariff no .:	84137059		





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

		Order Da			
Position	Your pos.	Product name	Amount	Product No	Total
		NK 100-250/274	1	98973690	Price o reques
					reques