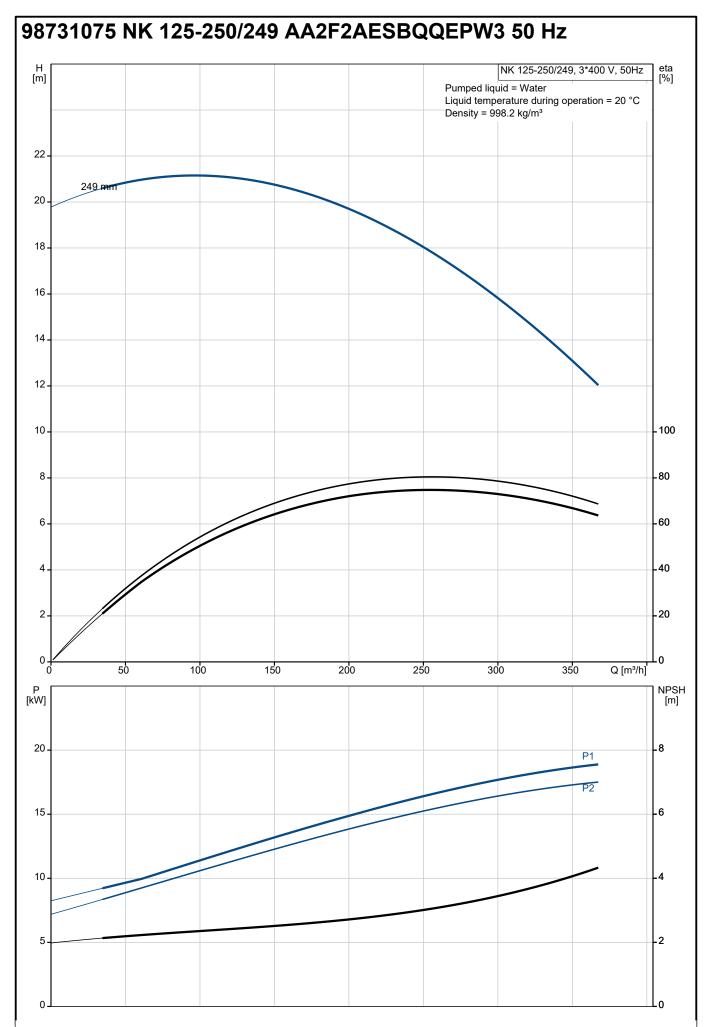
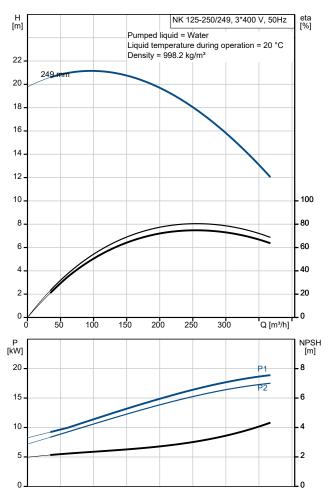


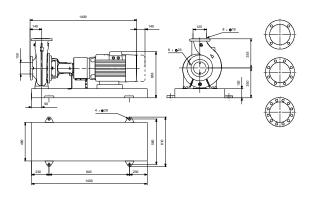
Qty.	Description					
1	The motor has thermistors (PTC sensors) in the windings in accordance with DIN 44081/DIN 44082. The protection reacts to both slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.					
	Thermal switches must be connected to an external control circuit 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.					
	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 where an electrical field around the products ensures deposition of paint particles a 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:	20 °C				
	Density:	998.2 kg/m³				
	Technical:					
	Pump speed on which pump dat	a are based: 1470 rpm				
	Rated flow:	255.5 m³/h				
	Pump with motor (Yes/No):	Y				
	Rated head:	17.68 m				
	Actual impeller diameter:	249 mm				
	Nominal impeller diameter: Code for shaft seal:	250 BQQE				
	Mechanical seal type:	Single				
	Curve tolerance:	ISO9906:2012 3B				
	Bearing design:	Standard				
	Materials:	Cast iron				
	Pump housing:	EN-GJL-250				
		ASTM class 35				
	Wear ring:	Brass				
	Impeller:	Cast iron				
		EN-GJL-200				
		ASTM class 30				
	Internal pump house coating:	CED Otoislans staal				
	Shaft:	Stainless steel EN 1.4301				
		AISI 304				
	Installation:					
	t max amb:	55 °C				
	Maximum operating pressure: Pipe connection standard:	16 bar EN 1092-2				
	Type of inlet connection:	DIN				
	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:	7				
	Grouting (Yes/No):	Ν				

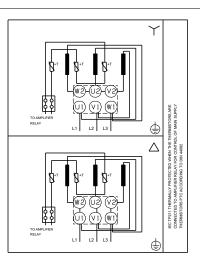
Qty.	Description	
<u> </u>	Electrical data:	
· ·	Motor type:	SIEMENS
	IE Efficiency class:	IE3
	Rated power - P2:	18.5 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 380-420D/660-725Y V
	Rated current:	35/20.5 A
	Starting current:	720-720 %
	Cos phi - power factor:	0.82
	Rated speed:	1470 rpm
	Efficiency:	IE3 92,6%
	Motor efficiency at full load:	92.6-92.6 %
	Motor efficiency at 3/4 load:	93.1-93.1 %
	Motor efficiency at 1/2 load:	92.9-92.9 %
	Number of poles:	4
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	98957804
	Bearing insulation type N-end:	STEEL BEARING
1	Others:	
1	Minimum efficiency index, MEI ≥:	0.57
	Net weight:	412 kg
	Gross weight:	439 kg
	Shipping volume:	0.841 m³
	Country of origin:	HU
	Custom tariff no.:	84137059
1		
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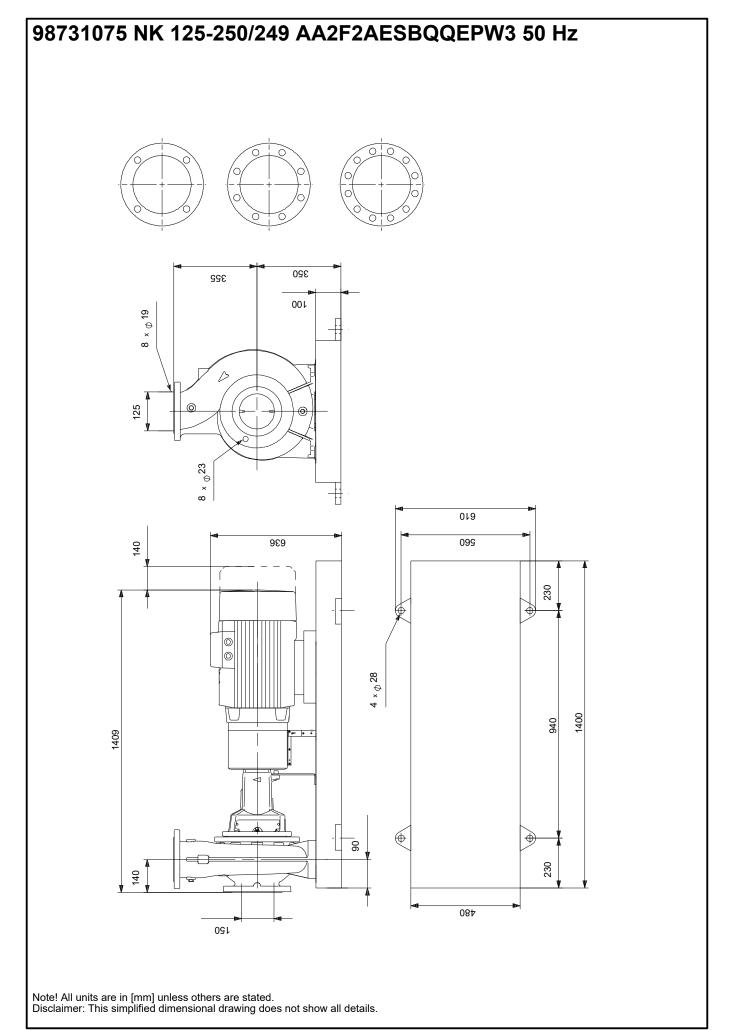
Description	Value	
General information:		
Product name:	NK 125-250/249 AA2F2AESBQQEPW3	
Product No:	98731075	
EAN number:	5712600607071	
Fechnical:		
Pump speed on which pump data are based:	1470 rpm	
Rated flow:	255.5 m³/h	
Pump with motor (Yes/No):	Y	
Rated head:	17.68 m	
Actual impeller diameter:	249 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:	Castiron	
Pump housing:	Cast iron	
Pump housing:	EN-GJL-250	
Pump housing:	ASTM class 35	
Wear ring: mpeller:	Brass Cast iron	
mpeller:	EN-GJL-200	
mpeller:	ASTM class 30	
nternal pump house coating:	CED	
Material code:	A	
Code for rubber:	F	
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 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:	7	
Grouting (Yes/No):	Ν	
Connect code:	F	
Liquid:		
Pumped liquid:	Water	
_iquid temperature range:	-25 120 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	
Electrical data:		
Notor type:	SIEMENS	
E Efficiency class:	IE3	
Rated power - P2:	18.5 kW	
Mains frequency:	50 Hz	
Rated voltage:	3 x 380-420D/660-725Y V	
Rated current:	35/20.5 A	
Starting current:	720-720 %	
Cos phi - power factor:	0.82	
Rated speed:	1470 rpm	
Efficiency:	IE3 92,6%	
Motor efficiency at full load:	92.6-92.6 %	

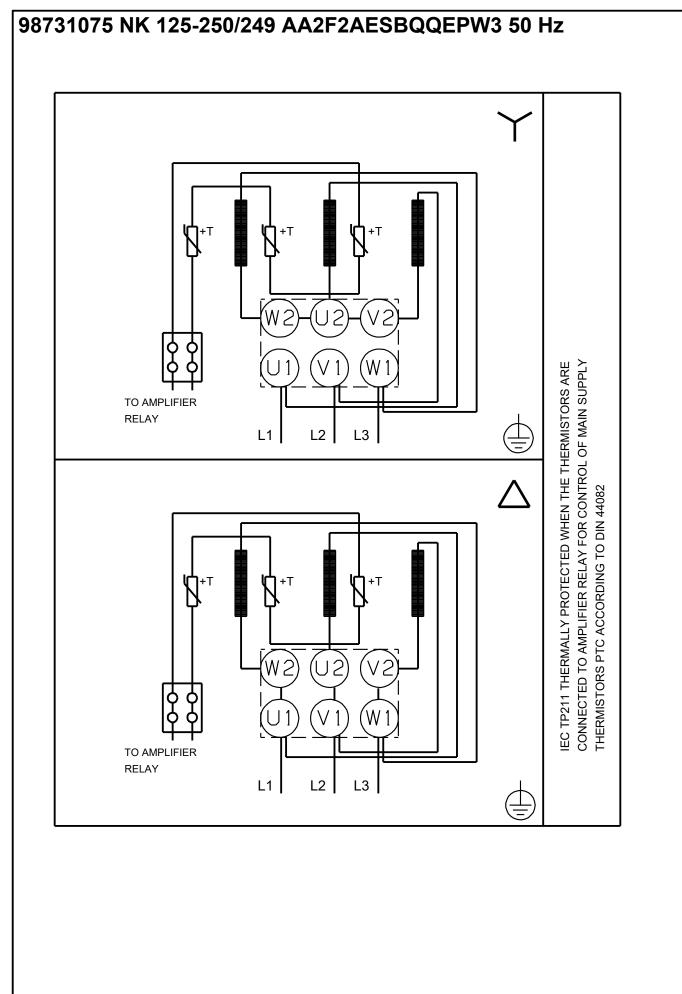






Description	Value
Motor efficiency at 3/4 load:	93.1-93.1 %
Motor efficiency at 1/2 load:	92.9-92.9 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	98957804
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Frequency converter:	NONE
Pressure sensor:	Ν
Others:	
Minimum efficiency index, MEI ≥:	0.57
Net weight:	412 kg
Gross weight:	439 kg
Shipping volume:	0.841 m³
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 125-250/249	1	98731075	Price o reques		
					reques		