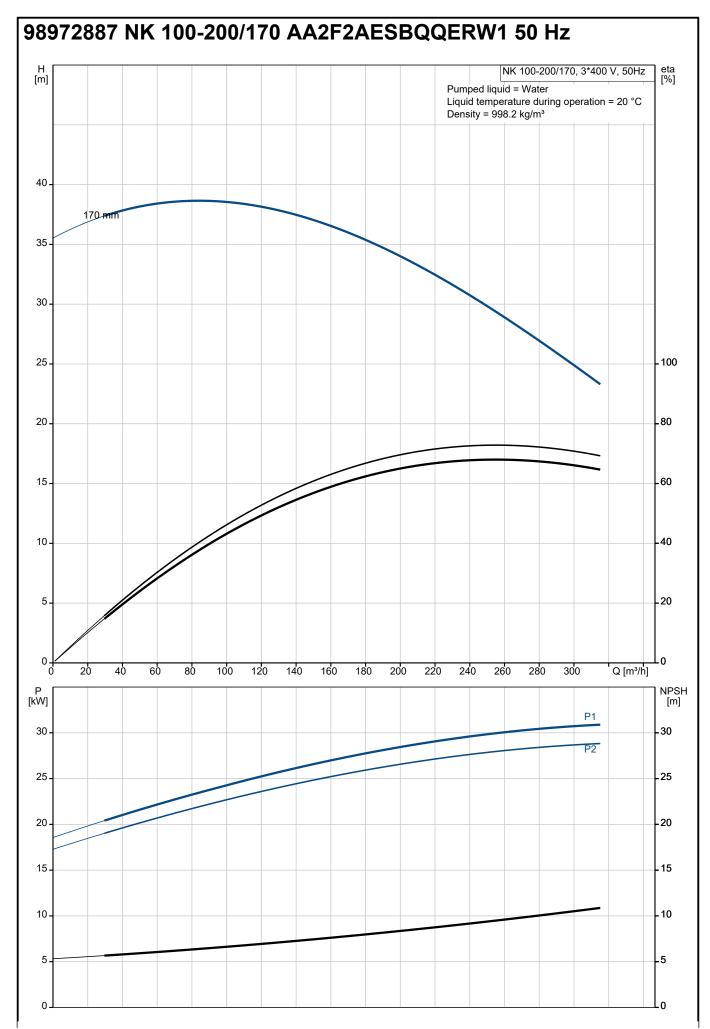
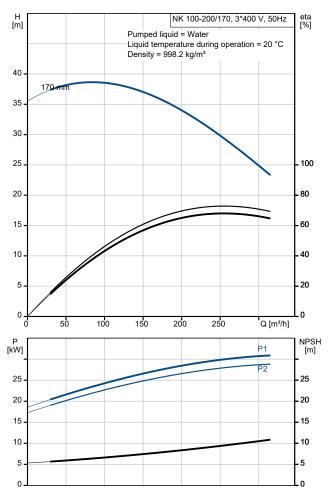


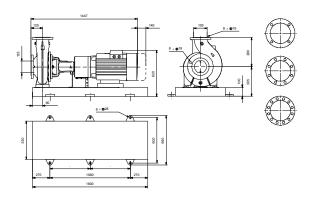
Qty.	Description					
1	The motor has thermistors (PTC sensors) in the windings in accordance with DIN 44081/DIN 44082. The protection reacts to both slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.					
	Thermal switches must be connected to an external control circuit 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 thin, well-controlled layer on the surface.					
	Technical data					
	Controls:					
	Frequency converter: Pressure sensor:	NONE N				
	Liquid					
	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	a are based: 2955 rpm				
	Rated flow:	268.4 m³/h				
	Pump with motor (Yes/No):	Y				
	Rated head:	28.03 m				
	Actual impeller diameter: Nominal impeller diameter:	170 mm 200				
	Code for shaft seal:	BQQE				
	Mechanical seal type:	Single				
	Curve tolerance:	ISO9906:2012 3B				
	Bearing design:	Standard				
	Matariala					
	Materials: Pump housing:	Cast iron				
	r ump nousing.	EN-GJL-250				
		ASTM class 35				
	Wear ring:	Brass				
	Impeller:	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				
	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 125 DN 100				
	Pressure rating for connection:	PN 16				
	Coupling type:	Flexible w/spacer				
	Base frame design:	EN/ISO				
	Code for base frame:	8				
	Grouting (Yes/No):	Ν				

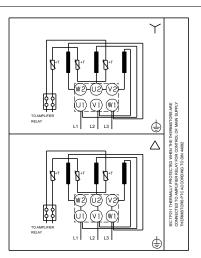
Qty.	Description	
<u> </u>	Electrical data:	
l '	Motor type:	SIEMENS
	IE Efficiency class:	IE3
	Rated power - P2:	30 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 380-420D/660-725Y V
	Rated current:	53/31 A
	Starting current:	700-700 %
	Cos phi - power factor:	0.87
	Rated speed:	2955 rpm
	Efficiency:	IE3 93,3%
	Motor efficiency at full load:	93.3-93.3 %
	Motor efficiency at 3/4 load:	93.5-93.5 %
	Motor efficiency at 1/2 load:	92.9-92.9 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	 IP55
	Insulation class (IEC 85):	F
	Motor No:	98943360
	Bearing insulation type N-end:	STEEL BEARING
	5 71	
1	Others:	
1	Minimum efficiency index, MEI ≥:	
	Net weight:	446 kg
	Gross weight:	473 kg
	Shipping volume:	0.962 m³
	Country of origin:	HU
	Custom tariff no.:	84137059
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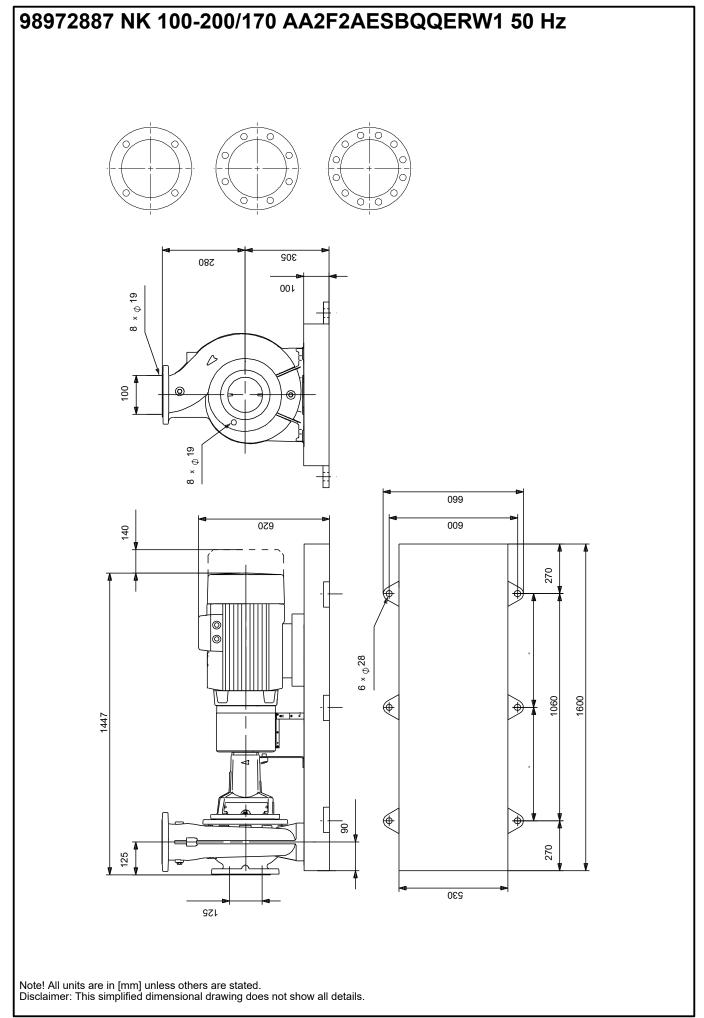
Description	Value	
General information:	NIK 100 200/170	
Product name:	NK 100-200/170 AA2F2AESBQQERW1	
Product No:	98972887	
EAN number:	5712604494158	
Technical:		
Pump speed on which pump data are based:	2955 rpm	
Rated flow:	268.4 m³/h	
Pump with motor (Yes/No):	Y	
Rated head:	28.03 m	
Actual impeller diameter:	170 mm	
Nominal impeller diameter:	200	
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:		
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:	A	
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:	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:	8	
Grouting (Yes/No):	N 	
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:	30 kW	
Mains frequency:	50 Hz	
Rated voltage:	3 x 380-420D/660-725Y V	
Rated current:	53/31 A	
Starting current:	700-700 %	
Cos phi - power factor:	0.87	
Dete de se e e de	2955 rpm	
Rated speed:	•	
Rated speed: Efficiency: Motor efficiency at full load:	IE3 93,3% 93.3-93.3 %	

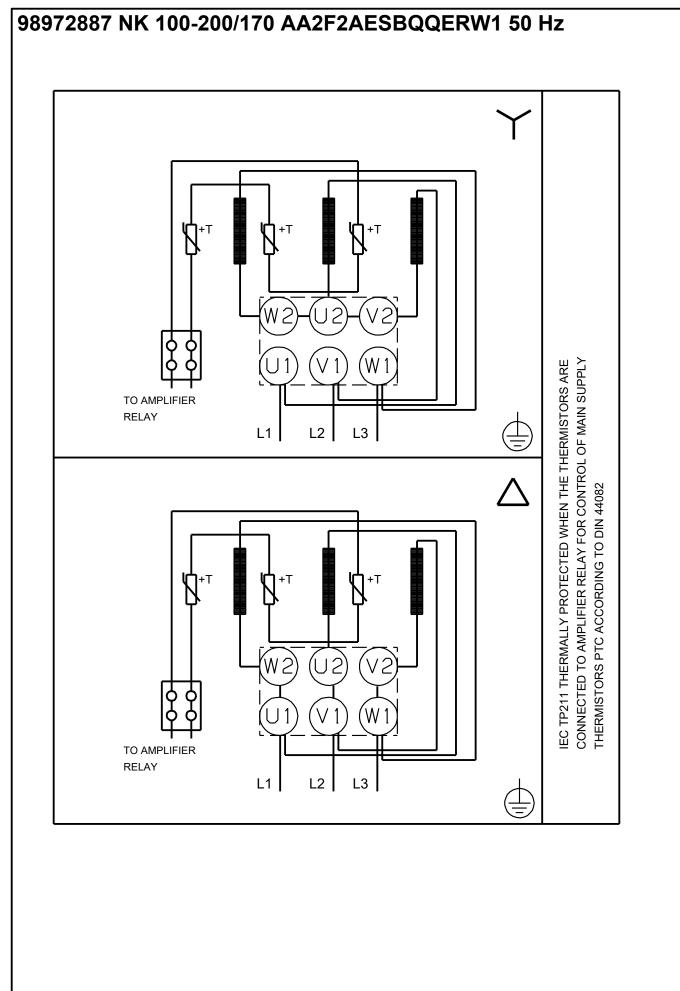






Description	Value
Motor efficiency at 3/4 load:	93.5-93.5 %
Motor efficiency at 1/2 load:	92.9-92.9 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	98943360
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Frequency converter:	NONE
Pressure sensor:	Ν
Others:	
Minimum efficiency index, MEI ≥:	0.62
Net weight:	446 kg
Gross weight:	473 kg
Shipping volume:	0.962 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 100-200/170	1	98972887	Price o reques		
					reques		