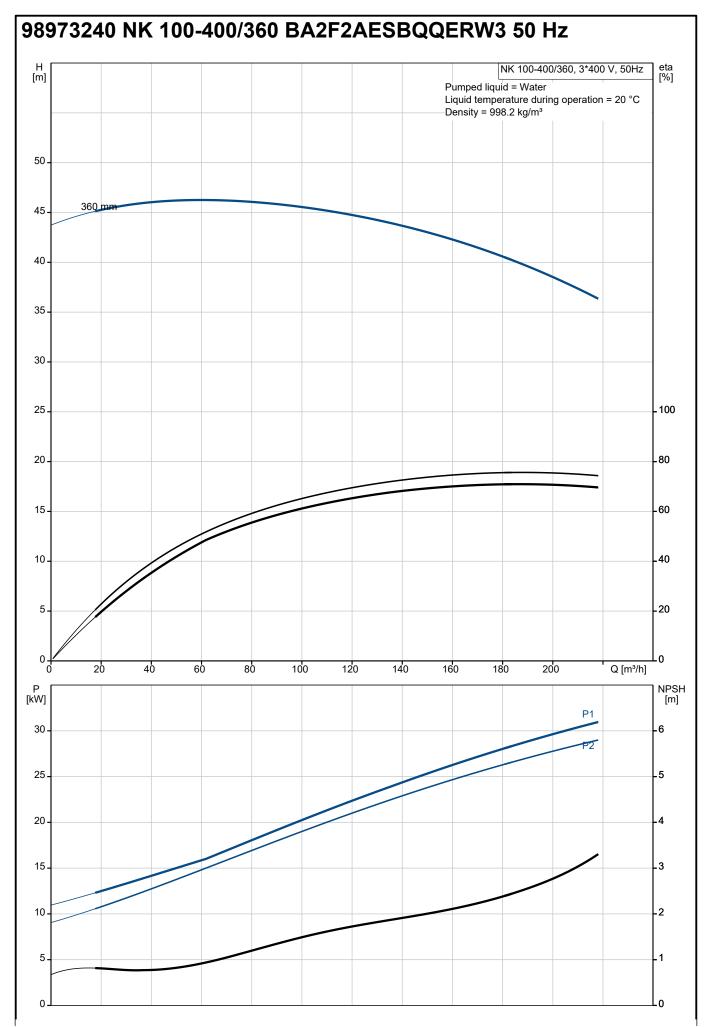
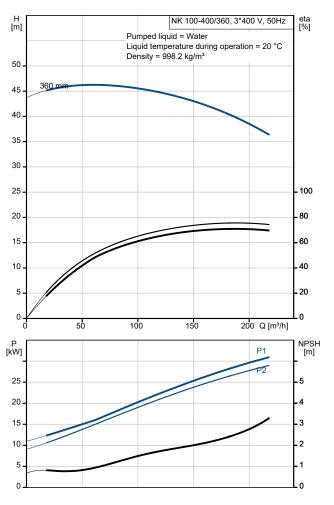


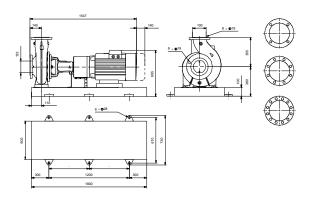
Qty.	Description						
1	The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.						
	The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.						
	The motor has thermistors (PTC sensors) 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. <b>Further product details</b>						
	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 partice a thin, well-controlled layer on the surface.						
	Technical data						
	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/m <sup>3</sup>					
	Technical:						
	Pump speed on which pump data	a are based: 1470 rpm					
	Rated flow:	187.8 m <sup>3</sup> /h					
	Pump with motor (Yes/No):	Y					
	Rated head:	39.67 m					
	Actual impeller diameter:	360 mm					
	Nominal impeller diameter:	400					
	Code for shaft seal:	BQQE					
	Mechanical seal type:	Single					
	Curve tolerance:	ISO9906:2012 3B					
	Bearing design:	Standard					
	Materials:	Orations					
	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:	CED					
	Shaft:	Stainless steel					
		EN 1.4301					
		AISI 304					
	Installation:	55 °C					
	t max amb: Maximum operating processors	55 °C 16 bar					
	Maximum operating pressure: 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					

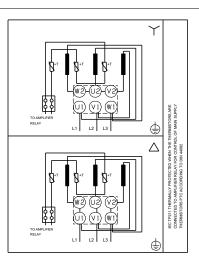
Qty.	Description	
1	Base frame design:	EN/ISO
	Code for base frame:	9
	Grouting (Yes/No):	Ν
	Electrical data:	
	Motor type:	SIEMENS
	IE Efficiency class:	IE3
	Rated power - P2:	30 kW
	Mains frequency:	50 Hz
	Rated voltage: Rated current:	3 x 380-420D/660-725Y V 55/32 A
	Starting current:	730-730 %
	Cos phi - power factor:	0.84
	Rated speed:	1470 rpm
	Efficiency:	IE3 93,6%
	Motor efficiency at full load:	93.6-93.6 %
	Motor efficiency at 3/4 load: Motor efficiency at 1/2 load:	94-94 % 93.7-93.7 %
	Number of poles:	4
	Enclosure class (IEC 34-5):	4 IP55
	Insulation class (IEC 85):	F
	Motor No:	98957808
	Bearing insulation type N-end:	STEEL BEARING
	Others:	
	Minimum efficiency index, MEI ≥:	
	Net weight:	627 kg
	Gross weight: Shipping volume:	694 kg 1.49 m³
	Country of origin:	HU
	Custom tariff no.:	84137059
	1	



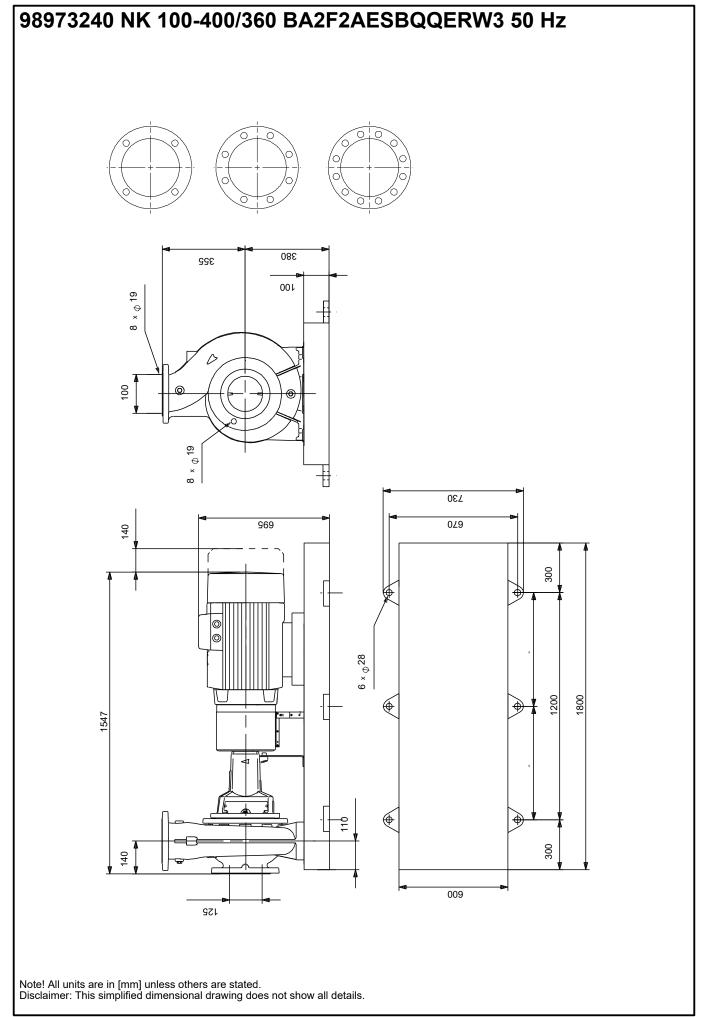
Description	Value		
General information:	NK 100 400/260		
Product name:	NK 100-400/360 BA2F2AESBQQERW3		
Product No:	98973240		
EAN number:	5712604501207		
Technical:			
Pump speed on which pump data are based:	1470 rpm		
Rated flow:	187.8 m³/h		
Pump with motor (Yes/No):	Y		
Rated head:	39.67 m		
Actual impeller diameter:	360 mm		
Nominal impeller diameter:	400		
Shaft diameter: Code for shaft seal:	42 mm		
	BQQE		
Mechanical seal type: Curve tolerance:	Single ISO9906:2012 3B		
Pump version:	A2		
Bearing design:	A2 Standard		
Materials:	Januaru		
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: Base frame design:	Flexible w/spacer EN/ISO		
Base frame design: Code for base frame:	9 9		
	9 N		
Grouting (Yes/No): Connect code:	F		
Liquid:	ı		
Pumped liquid:	Water		
Liquid temperature range:	-25 120 °C		
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m <sup>3</sup>		
Electrical data:	J		
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:	55/32 A		
Starting current:	730-730 %		
Cos phi - power factor:	0.84		
Rated speed:	1470 rpm		
Efficiency:	IE3 93,6%		

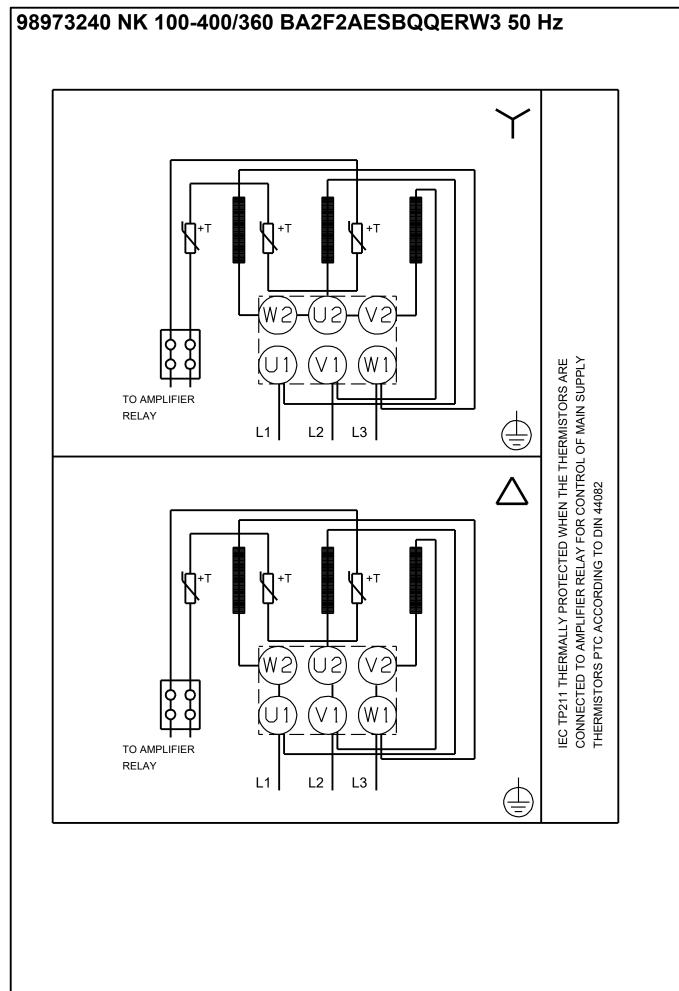






Description	Value		
Motor efficiency at 3/4 load:	94-94 %		
Motor efficiency at 1/2 load:	93.7-93.7 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Built-in motor protection:	PTC		
Motor No:	98957808		
Bearing insulation type N-end:	STEEL BEARING		
Controls:			
Frequency converter:	NONE		
Pressure sensor:	Ν		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	627 kg		
Gross weight:	694 kg		
Shipping volume:	1.49 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 100-400/360	1	98973240	Price o reques		
					reques		