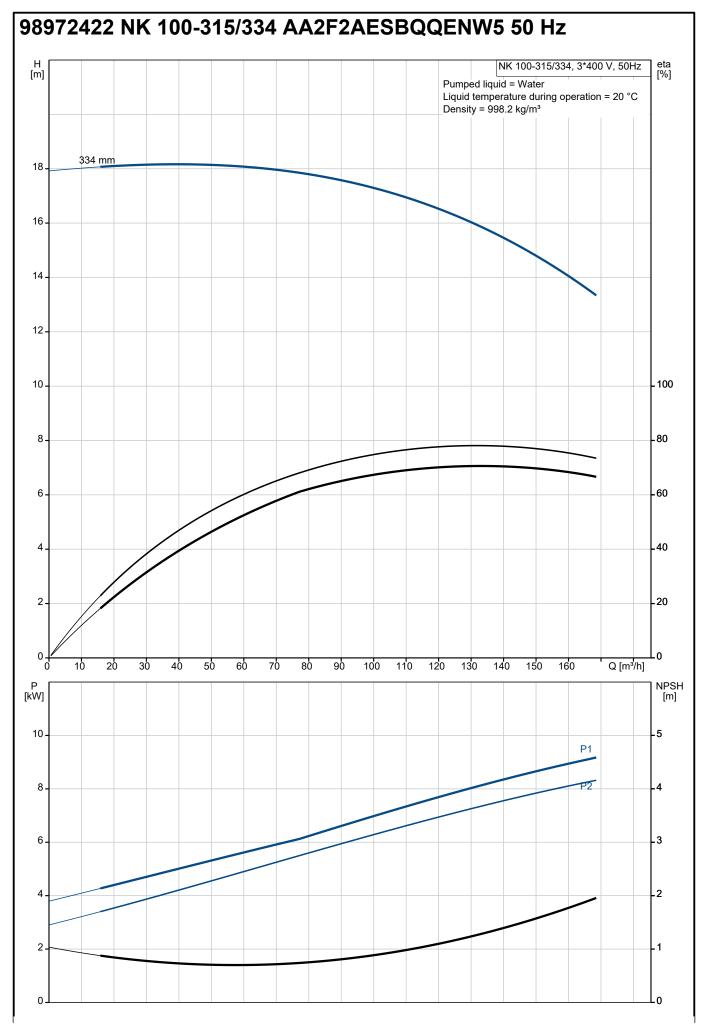
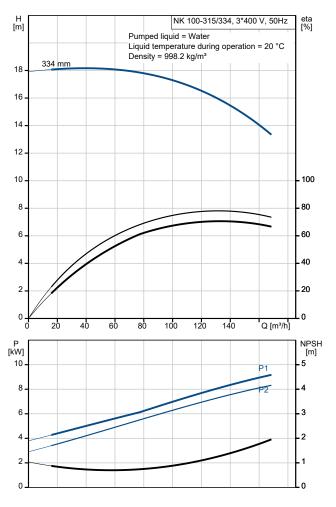


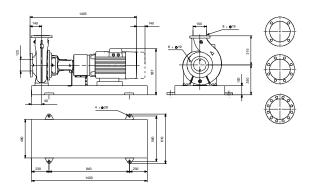
Qty.	Description						
1	The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.						
	The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1. The motor has thermistors (PTC sensors) in the 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.						
	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 particle a thin, well-controlled layer on the surface.						
	Controls:						
	Frequency converter: Pressure sensor:	NONE N					
	Pressure sensor:						
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	-25 120 °C					
	Selected liquid temperature: Density:	20 °C 998.2 kg/m³					
	Technical:						
	Pump speed on which pump date	•					
	Rated flow:	130.3 m³/h					
	Pump with motor (Yes/No):	Y					
	Rated head:	15.72 m					
	Actual impeller diameter:	334 mm					
	Nominal impeller diameter:	315					
	Code for shaft seal:	BQQE					
	Mechanical seal type: Curve tolerance:	Single ISO9906:2012 3B					
	Bearing design:	Standard					
	Materials:						
	Pump housing:	Cast iron					
		EN-GJL-250					
		ASTM class 35					
	Wear ring:	Brass					
	Impeller:	Cast iron					
		EN-GJL-200					
	Internal nump house costing:	ASTM class 30 CED					
	Internal pump house coating: 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:	DN 125					
	Size of outlet connection:	DN 100					
	Pressure rating for connection:	PN 16					
	Coupling type:	Flexible w/spacer					

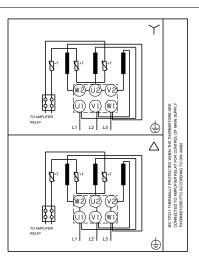
Qty.	Description			
1	Base frame design:	EN/ISO		
	Code for base frame:	7		
	Grouting (Yes/No):	Ν		
	Electrical data:			
	Motor type:	SIEMENS		
	IE Efficiency class:	IE3		
	Rated power - P2:	11 kW		
	Mains frequency:	50 Hz 3 x 380-420D/660-725Y V		
	Rated voltage: Rated current:	22.0/12.7 A		
	Starting current:	680-680 %		
	Cos phi - power factor:	0.80		
	Rated speed:	980 rpm		
	Efficiency:	IE3 90,3%		
	Motor efficiency at full load:	90.3-90.3 %		
	Motor efficiency at 3/4 load:	90.7-90.7 %		
	Motor efficiency at 1/2 load: Number of poles:	89.8-89.8 % 6		
	Enclosure class (IEC 34-5):	IP55		
	Insulation class (IEC 85):	F		
	Motor No:	98957460		
	Bearing insulation type N-end:	STEEL BEARING		
	Others:			
	Minimum efficiency index, MEI ≥			
	Net weight:	363 kg		
	Gross weight: Shipping volume:	390 kg 0.801 m³		
	Country of origin:	HU		
	Custom tariff no.:	84137059		



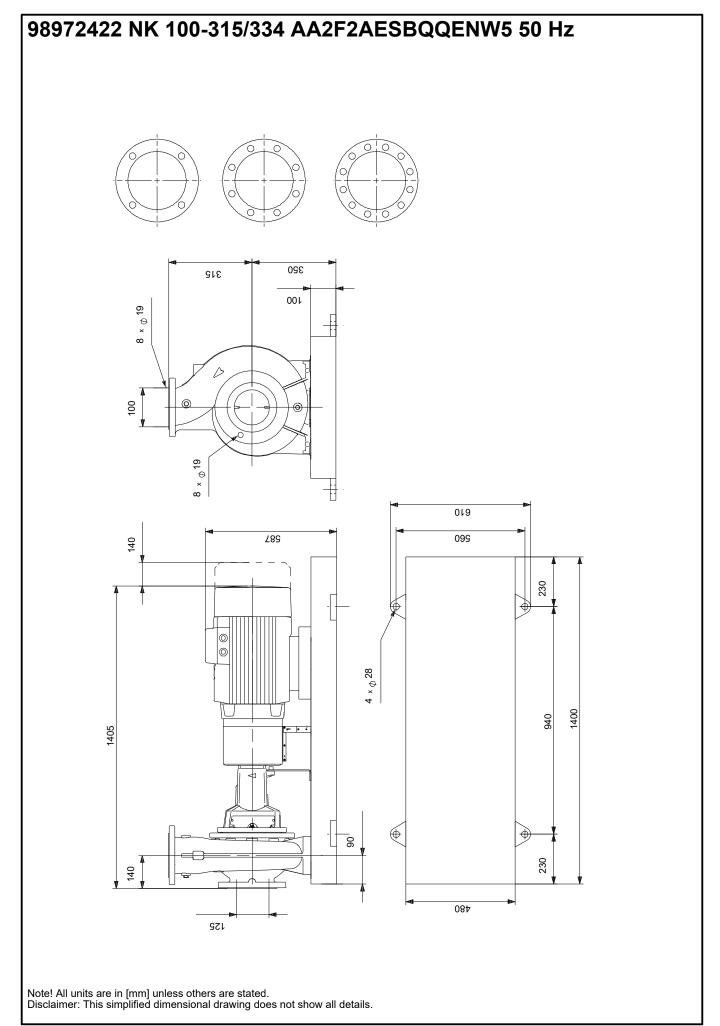
Description	Value	
General information:		
Product name:	NK 100-315/334 AA2F2AESBQQENW5	
Product No:	98972422	
EAN number:	5712604484975	
Technical:		
Pump speed on which pump data are based:	980 rpm	
Rated flow:	130.3 m³/h	
Pump with motor (Yes/No):	Y	
Rated head:	15.72 m	
Actual impeller diameter:	334 mm	
Nominal impeller diameter:	315	
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:	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 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	
Liquid:	•	
Pumped liquid:	Water	
Liquid temperature range:	-25 120 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m ³	
Electrical data:	550.2 Ng/11	
Motor type:	SIEMENS	
E Efficiency class:	IE3	
-	11 kW	
	50 Hz	
•		
Mains frequency:	2 x 200 420D/660 705V V	
Mains frequency: Rated voltage:	3 x 380-420D/660-725Y V	
Rated power - P2: Mains frequency: Rated voltage: Rated current:	22.0/12.7 A	
Mains frequency: Rated voltage: Rated current: Starting current:	22.0/12.7 A 680-680 %	
Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor:	22.0/12.7 A 680-680 % 0.80	
Mains frequency: Rated voltage: Rated current: Starting current:	22.0/12.7 A 680-680 %	

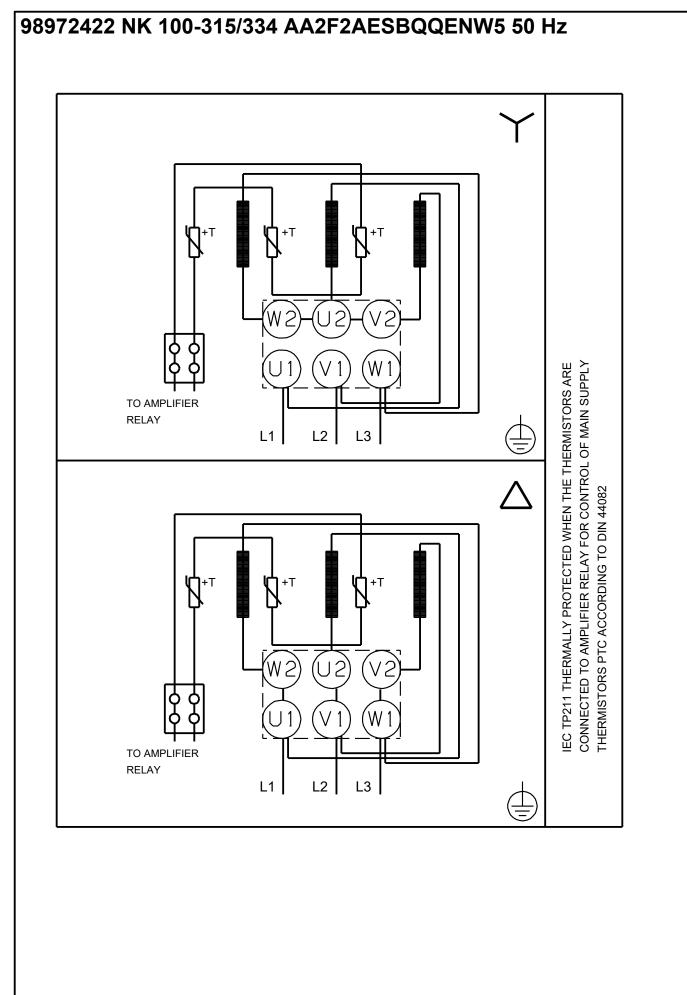






Description	Value		
Motor efficiency at 3/4 load:	90.7-90.7 %		
Motor efficiency at 1/2 load:	89.8-89.8 %		
Number of poles:	6		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Built-in motor protection:	PTC		
Motor No:	98957460		
Bearing insulation type N-end:	STEEL BEARING		
Controls:			
Frequency converter:	NONE		
Pressure sensor:	Ν		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	363 kg		
Gross weight:	390 kg		
Shipping volume:	0.801 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 100-315/334	1	98972422	Price o reques		
					reques		