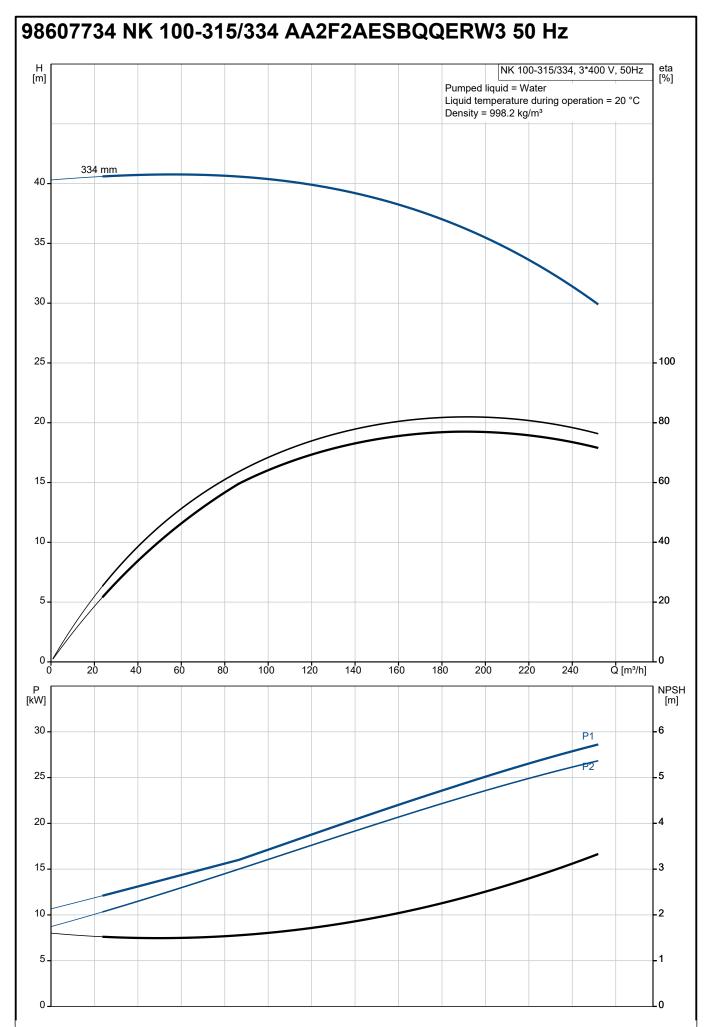
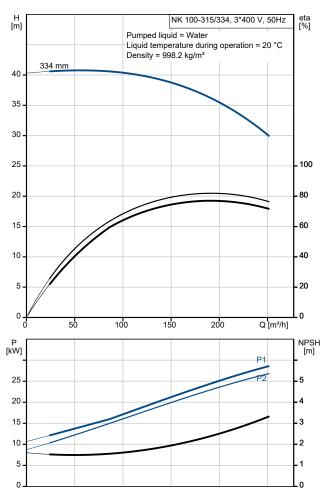


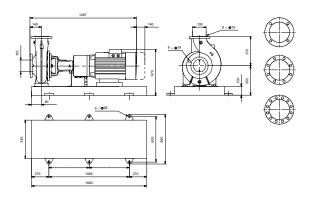
Qty.	Description							
1	The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.							
	The motor efficiency is classified	The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.						
	The 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 particl 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/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: Curve tolerance: Bearing design: Materials: Pump housing: Wear ring: Impeller:	a are based: 1470 rpm 196.7 m³/h Y 35.36 m 334 mm 315 BQQE Single ISO9906:2012 3B Standard Cast iron EN-GJL-250 ASTM class 35 Brass Cast iron EN-GJL-200						
	Internal pump house coating: Shaft:	ASTM class 30 CED Stainless steel EN 1.4301 AISI 304						
	Installation: t max amb: Maximum operating pressure: Pipe connection standard: Type of inlet connection: Type of outlet connection: Size of inlet connection: Size of outlet connection: Pressure rating for connection: Coupling type:	55 °C 16 bar EN 1092-2 DIN DIN DN 125 DN 100 PN 16 Flexible w/spacer						

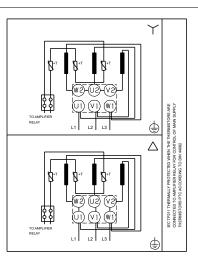
Qty.	Description	
1	Base frame design:	EN/ISO
	Code for base frame:	8
	Grouting (Yes/No):	Ν
1	Electrical data:	
1	Motor type:	SIEMENS
	IE Efficiency class:	IE3
	Rated power - P2:	30 kW
	Mains frequency:	50 Hz
	Rated voltage: Rated current:	3 x 380-420D/660-725Y V 55/32 A
	Starting current:	730-730 %
	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:	94-94 %
	Motor efficiency at 1/2 load:	93.7-93.7 %
1	Number of poles: Enclosure class (IEC 34-5):	4 IP55
1	Insulation class (IEC 85):	F
1	Motor No:	98957808
	Bearing insulation type N-end:	STEEL BEARING
	Others:	
	Minimum efficiency index, MEI ≥:	
	Net weight:	538 kg
	Gross weight: Shipping volume:	565 kg 1.02 m³
	Country of origin:	HU
	Custom tariff no.:	84137059
L		



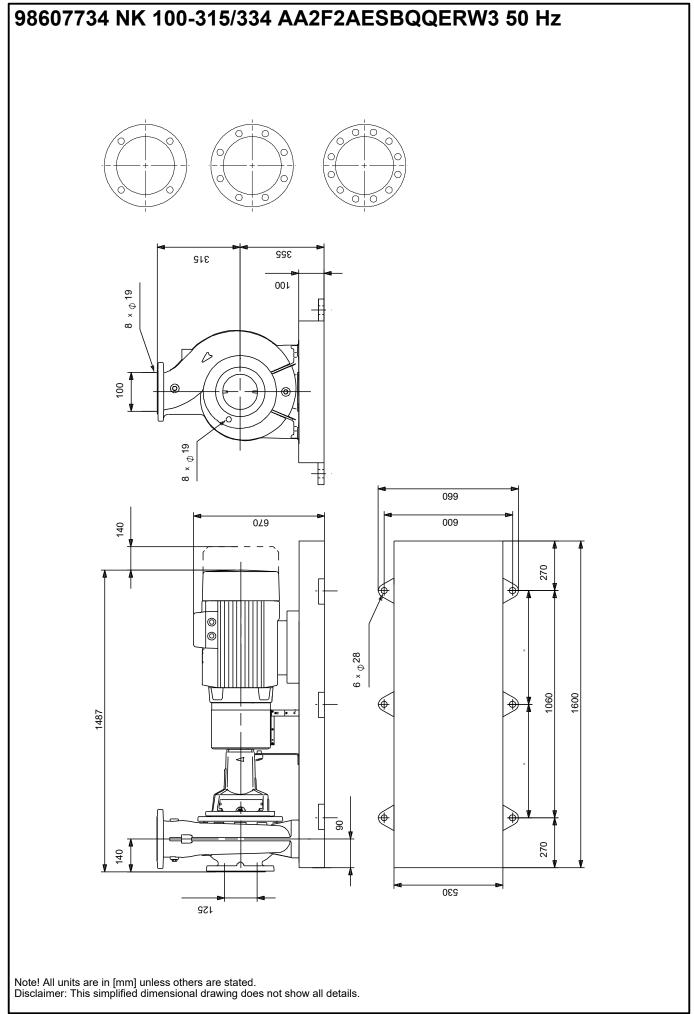
Description	Value
General information:	NIK 400 045/004
Product name:	NK 100-315/334 AA2F2AESBQQERW3
Product No:	98607734
EAN number:	5711498129412
Fechnical:	
Pump speed on which pump data are based:	1470 rpm
Rated flow:	196.7 m³/h
Pump with motor (Yes/No):	Υ
Rated head:	35.36 m
Actual impeller diameter:	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 Stondard
Bearing design: Materials:	Standard
vaterials: 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:	Α
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
Type of outlet connection:	DIN DN 105
Size of inlet connection:	DN 125
Size of outlet connection:	DN 100
Pressure rating for connection:	PN 16 Elevible w/spacer
Coupling type: Base frame design:	Flexible w/spacer EN/ISO
Code for base frame:	8
Grouting (Yes/No):	0 N
Connect code:	F
Liquid:	•
Pumped liquid:	Water
Liquid temperature range:	-25 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
Electrical data:	-
Motor type:	SIEMENS
E 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%
Motor efficiency at full load:	93.6-93.6 %

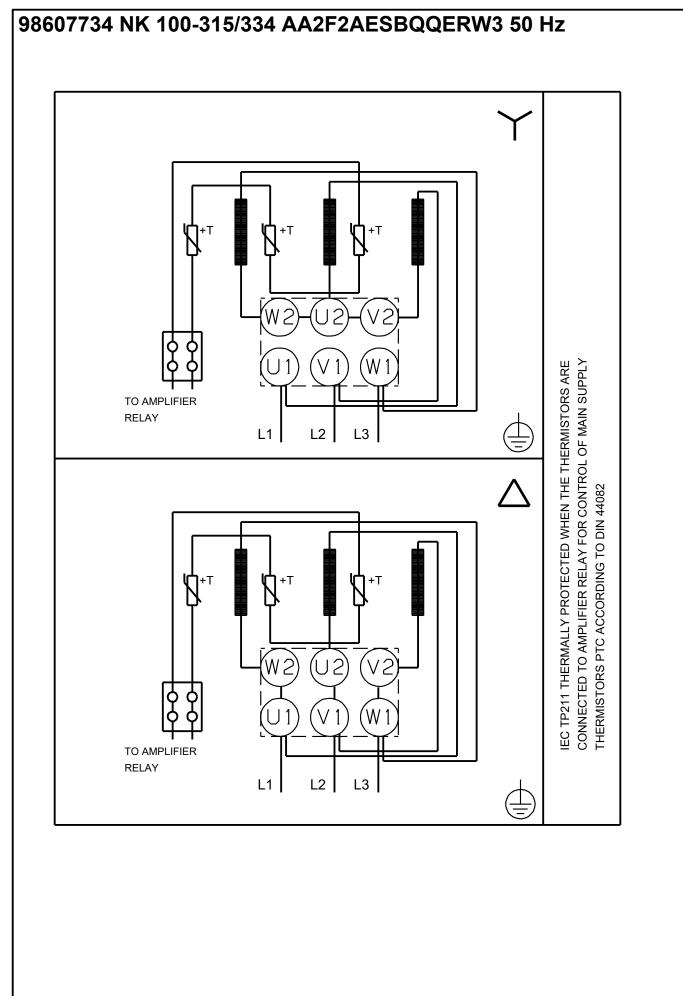






Description	Value	
Motor efficiency at 3/4 load:	94-94 %	
Motor efficiency at 1/2 load:	93.7-93.7 %	
Number of poles:	4	
Enclosure class (IEC 34-5):	IP55	
Insulation class (IEC 85):	F	
Built-in motor protection:	PTC	
Motor No:	98957808	
Bearing insulation type N-end:	STEEL BEARING	
Controls:		
Frequency converter:	NONE	
Pressure sensor:	Ν	
Others:		
Minimum efficiency index, MEI ≥:	0.70	
Net weight:	538 kg	
Gross weight:	565 kg	
Shipping volume:	1.02 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	98607734	Price or reques		
					reques		