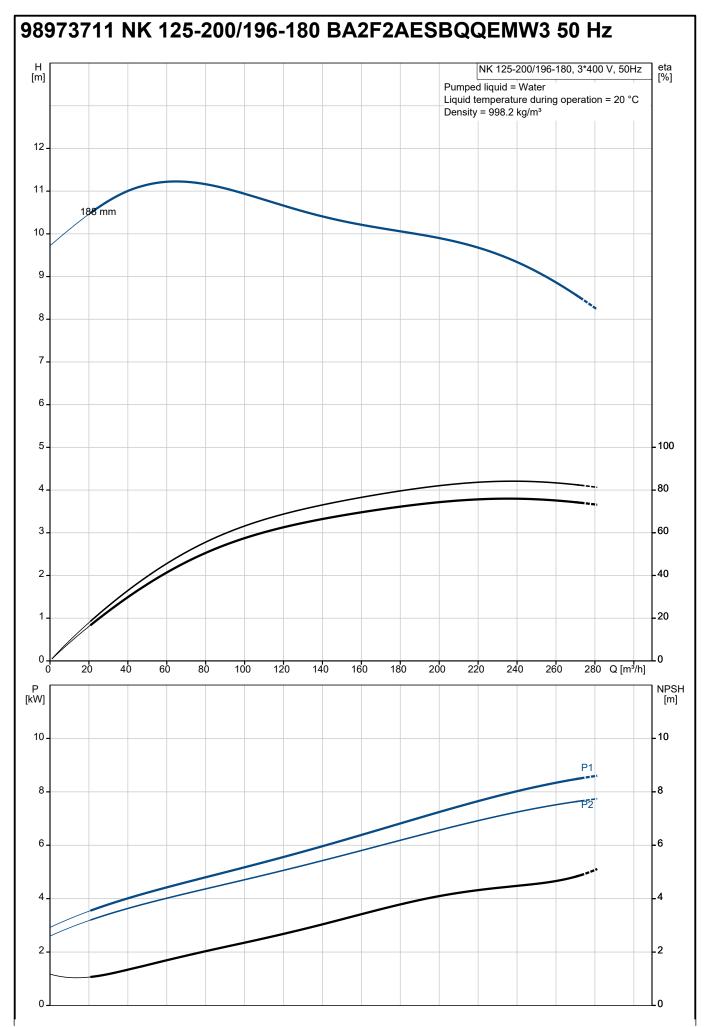
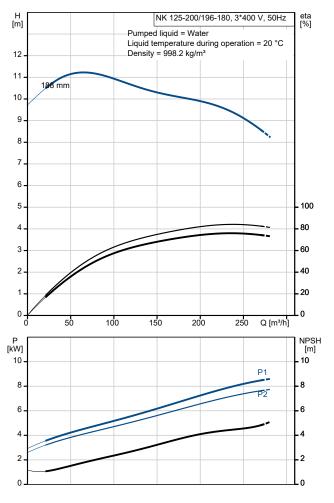


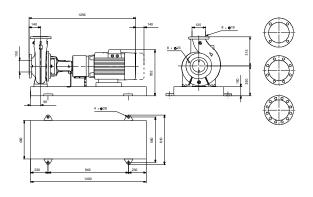
Qty.	Description						
1	The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.						
	 The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1. The motor has thermistors (PTC sensors) in the 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 particles 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: Density:	20 °C 998.2 kg/m³					
	Technical:						
	Pump speed on which pump dat	a are based: 1465 rpm					
	Rated flow:	250.6 m ³ /h					
	Pump with motor (Yes/No):	Y					
	Rated head:	8.983 m					
	Actual impeller diameter:	188 mm					
	Nominal impeller diameter: Code for shaft seal:	200 BQQE					
	Mechanical seal type:	Single					
	Curve tolerance:	ISO9906:2012 3B2					
	Bearing design:	Standard					
	Materials:						
	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:						
	t max amb:	55 °C					
	Maximum operating pressure:	16 bar					
	Pipe connection standard: Type of inlet connection:	EN 1092-2 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					
	l						

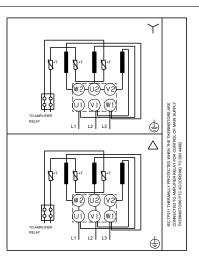
Qty.	Description	
1 dry.	Base frame design:	EN/ISO
'	Code for base frame:	7
	Grouting (Yes/No):	N
	Electrical data:	
	Motor type:	SIEMENS
	IE Efficiency class:	
	Rated power - P2: Mains frequency:	7.5 kW 50 Hz
	Rated voltage:	3 x 380-420D/660-725Y V
	Rated current:	14.3/8.3 A
	Starting current:	820-820 %
	Cos phi - power factor:	0.84
	Rated speed:	1465 rpm
	Efficiency:	IE3 90,4%
	Motor efficiency at full load: Motor efficiency at 3/4 load:	90.4-90.4 % 91.1-91.1 %
	Motor efficiency at 1/2 load:	90.8-90.8 %
	Number of poles:	4
1	Enclosure class (IEC 34-5):	IP55
1	Insulation class (IEC 85):	F
1	Motor No:	98957793
1	Bearing insulation type N-end:	N
	Others:	
	Minimum efficiency index, MEI ≥:	0.70
	Net weight:	307 kg
	Gross weight:	334 kg
	Shipping volume:	0.801 m ³
	Country of origin:	HU
	Custom tariff no.:	84137059
1		
L		



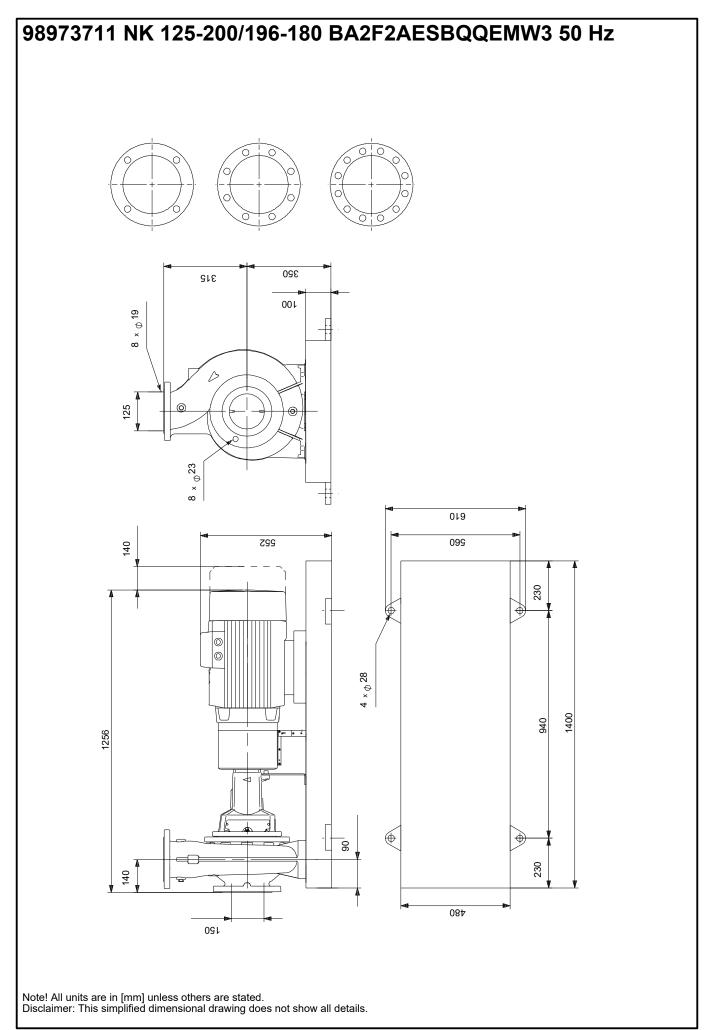
Value
NK 125-200/196-180 BA2F2AESBQQEMW3
98973711
5712604510957
1465 rpm
250.6 m³/h
Y
8.983 m
188 mm
200
32 mm
BQQE
ISO9906:2012 3B2
A2 Standard
วเลทนสาน
Cast iron
EN-GJL-250
ASTM class 35
Brass
Cast iron
EN-GJL-200
ASTM class 30
CED
A
E
Stainless steel
EN 1.4301
AISI 304
55 °C
16 bar
EN 1092-2
DIN
DIN
DN 150
DN 125
PN 16
Flexible w/spacer
EN/ISO
7
N
F
Water
Water
-25 120 °C
-25 120 °C 20 °C
-25 120 °C
-25 120 °C 20 °C 998.2 kg/m³
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS IE3
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS IE3 7.5 kW
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS IE3 7.5 kW 50 Hz
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS IE3 7.5 kW
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS IE3 7.5 kW 50 Hz 3 x 380-420D/660-725Y V
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS IE3 7.5 kW 50 Hz 3 x 380-420D/660-725Y V 14.3/8.3 A
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS IE3 7.5 kW 50 Hz 3 x 380-420D/660-725Y V 14.3/8.3 A 820-820 %
-25 120 °C 20 °C 998.2 kg/m³ SIEMENS IE3 7.5 kW 50 Hz 3 x 380-420D/660-725Y V 14.3/8.3 A 820-820 % 0.84

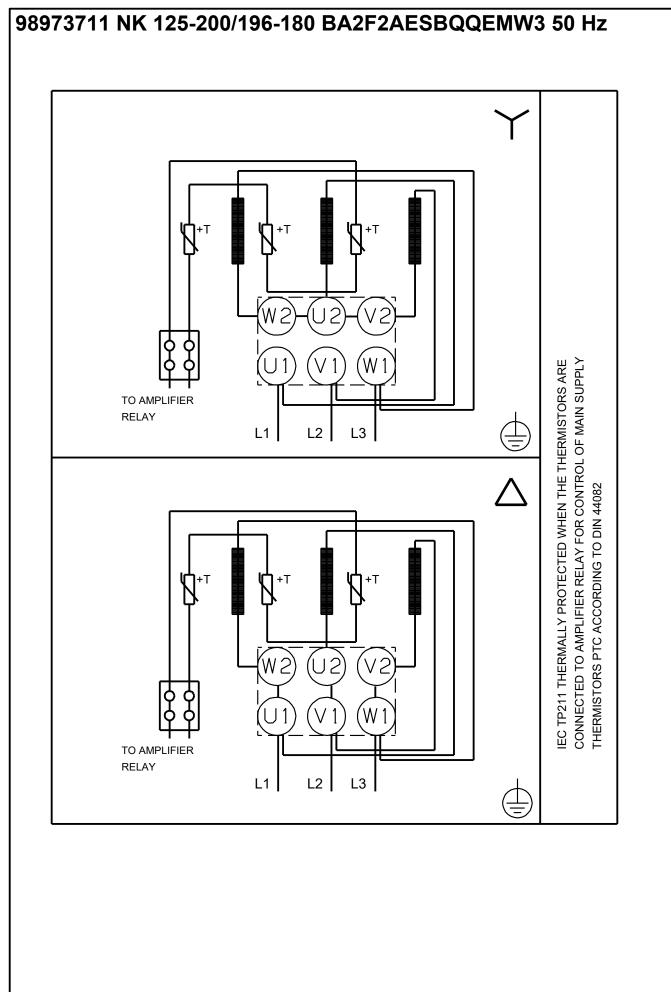






Description	Value
Motor efficiency at 3/4 load:	91.1-91.1 %
Motor efficiency at 1/2 load:	90.8-90.8 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	98957793
Bearing insulation type N-end:	Ν
Controls:	
Frequency converter:	NONE
Pressure sensor:	Ν
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	307 kg
Gross weight:	334 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 125-200/196-180	1	98973711	Price of		
					reques		