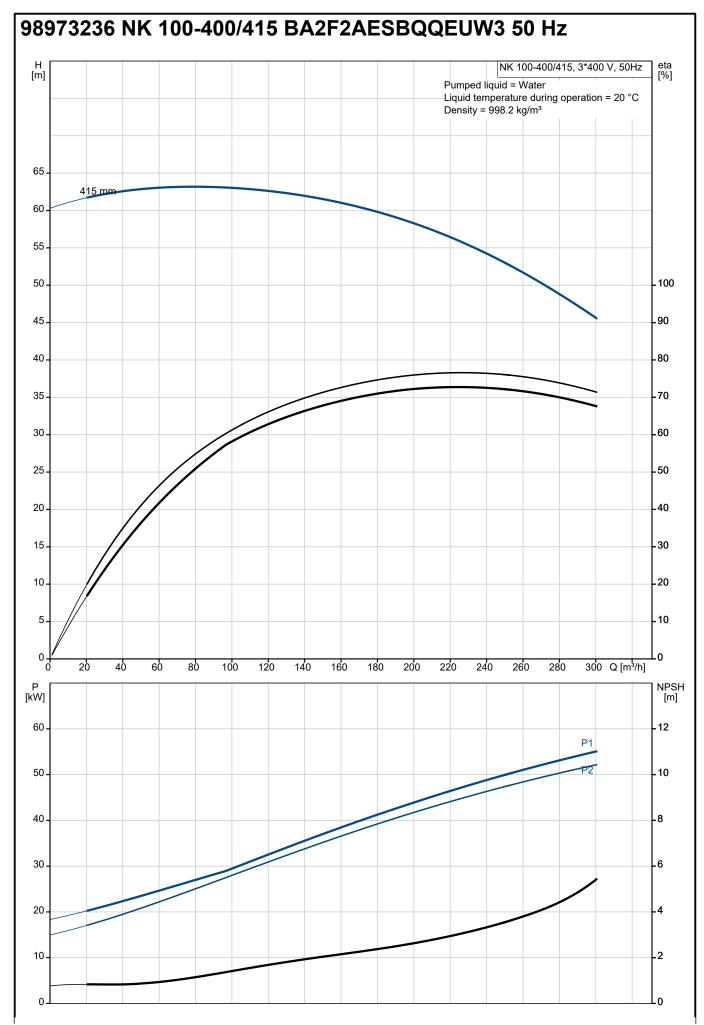
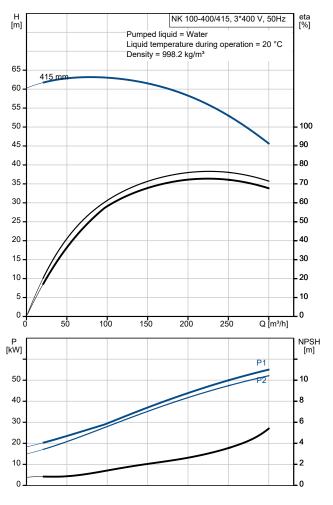


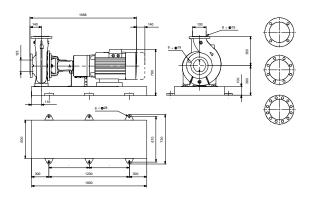
.   Description							
The motor is a totally enclose	The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.						
The motor efficiency is class	fied as IE3 in accordance with IEC 60034-30-1.						
The motor has thermistors (PTC sensors) in the windings in accordance with DIN 44081/DIN 44082. The protectic 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. A variable speed drive makes adjustment of pump performance to any duty point possible. If the motor is to be connected to a variable speed drive, the pump must be ordered with an electrically insulated motor bearing.							
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:	20 °C						
Density:	998.2 kg/m <sup>3</sup>						
Technical: Pump speed on which pump Rated flow:	data are based: 1482 rpm 214.6 m³/h						
Pump with motor (Yes/No):	2 14.0 111 /11 Y						
Rated head:	56.62 m						
Actual impeller diameter:	415 mm						
Nominal impeller diameter:	400						
Code for shaft seal:	BQQE						
Mechanical seal type:	Single						
Curve tolerance:	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 works to a construction of the	ASTM class 30						
Internal pump house coating							
Shaft:	Stainless steel EN 1.4301						
	AISI 304						
Installation:							
t max amb:	55 °C						
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						

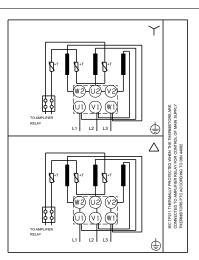
Qty.	Description	
1	Base frame design:	EN/ISO
1	Code for base frame:	9
	Grouting (Yes/No):	Ν
	Electrical data:	
1	Motor type:	SIEMENS
	IE Efficiency class:	IE3
	Rated power - P2:	55 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 380-420D/660-725Y V
	Rated current:	96/56 A
	Starting current: Cos phi - power factor:	680-680 % 0.87
	Rated speed:	1482 rpm
	Efficiency:	IE3 94,6%
	Motor efficiency at full load:	94.6-94.6 %
	Motor efficiency at 3/4 load:	95.1-95.1 %
	Motor efficiency at 1/2 load:	95-95 %
1	Number of poles:	4
1	Enclosure class (IEC 34-5):	IP55
1	Insulation class (IEC 85):	F
	Motor No: Bearing insulation type N-end:	98957823 STEEL BEARING
	Others: Minimum efficiency index, MEI ≥:	: 0.70
	Net weight:	843 kg
	Gross weight:	934 kg
	Shipping volume:	1.92 m <sup>3</sup>
	Country of origin:	HU
	Custom tariff no.:	84137059



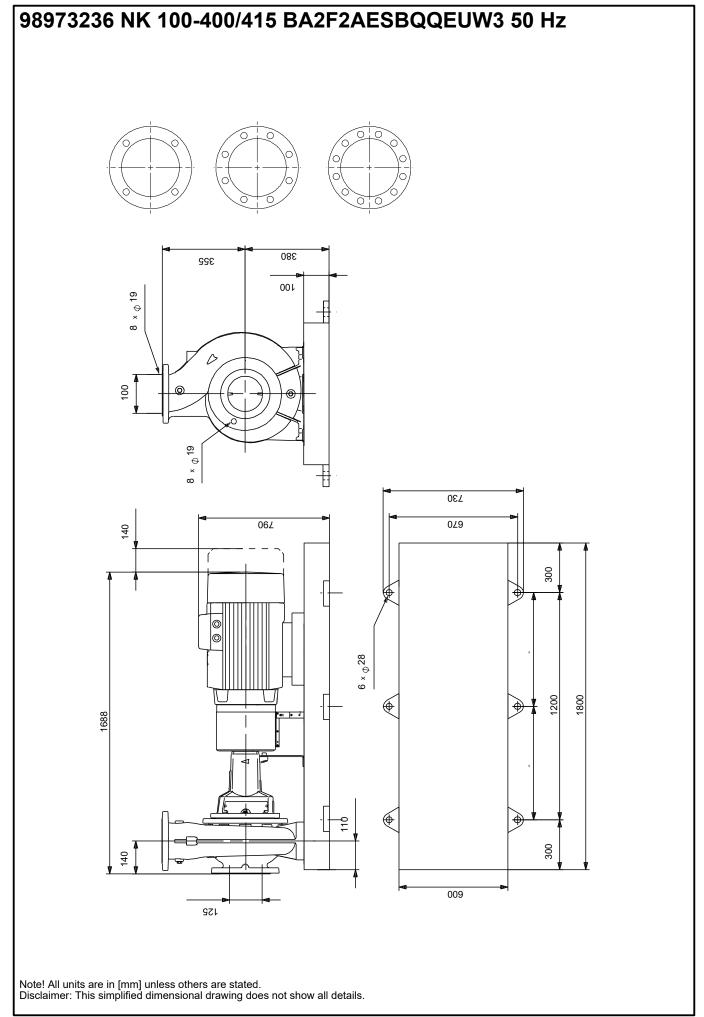
Description	Value		
Description General information:	Value		
Product name:	NK 100-400/415		
Product name:	BA2F2AESBQQEUW3		
Product No:	98973236		
EAN number:	5712604501115		
Technical:			
Pump speed on which pump data are based:	1482 rpm		
Rated flow:	214.6 m³/h		
Pump with motor (Yes/No):	Y		
Rated head:	56.62 m		
Actual impeller diameter:	415 mm		
Nominal impeller diameter:	400		
Shaft diameter:	42 mm		
Code for shaft seal:	BQQE		
Mechanical seal type:	Single		
Curve tolerance:	ISO9906:2012 3B		
Pump version:	A2		
Bearing design:	Standard		
Materials:	O		
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: Shaft:	E Stainless steel		
Shaft:	EN 1.4301		
Shaft:	AISI 304		
Installation:	AISI 304		
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:	9		
Grouting (Yes/No):	Ν		
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		
E Efficiency class:	IE3		
Rated power - P2:	55 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-420D/660-725Y V		
Rated voltage:			
Rated voltage: Rated current:	3 x 380-420D/660-725Y V		
Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor:	3 x 380-420D/660-725Y V 96/56 A		
Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed:	3 x 380-420D/660-725Y V 96/56 A 680-680 %		
Rated voltage: Rated current: Starting current: Cos phi - power factor:	3 x 380-420D/660-725Y V 96/56 A 680-680 % 0.87		

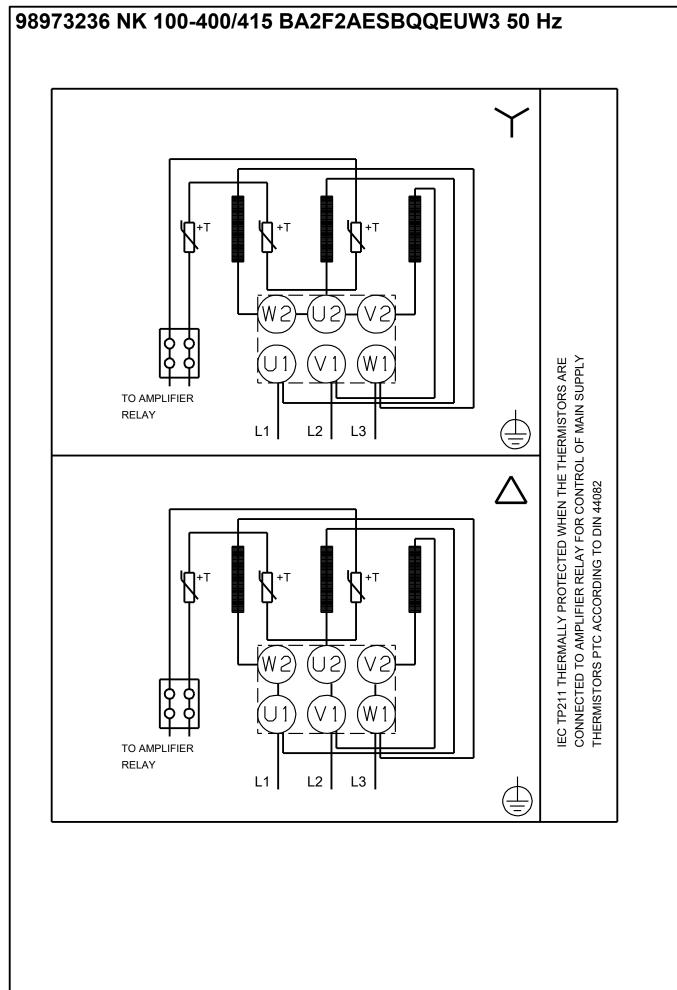






Description	Value	
Motor efficiency at 3/4 load:	95.1-95.1 %	
Motor efficiency at 1/2 load:	95-95 %	
Number of poles:	4	
Enclosure class (IEC 34-5):	IP55	
Insulation class (IEC 85):	F	
Built-in motor protection:	PTC	
Motor No:	98957823	
Bearing insulation type N-end:	STEEL BEARING	
Controls:		
Frequency converter:	NONE	
Pressure sensor:	Ν	
Others:		
Minimum efficiency index, MEI ≥:	0.70	
Net weight:	843 kg	
Gross weight:	934 kg	
Shipping volume:	1.92 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 100-400/415	1	98973236	Price o reques		
					reques		