



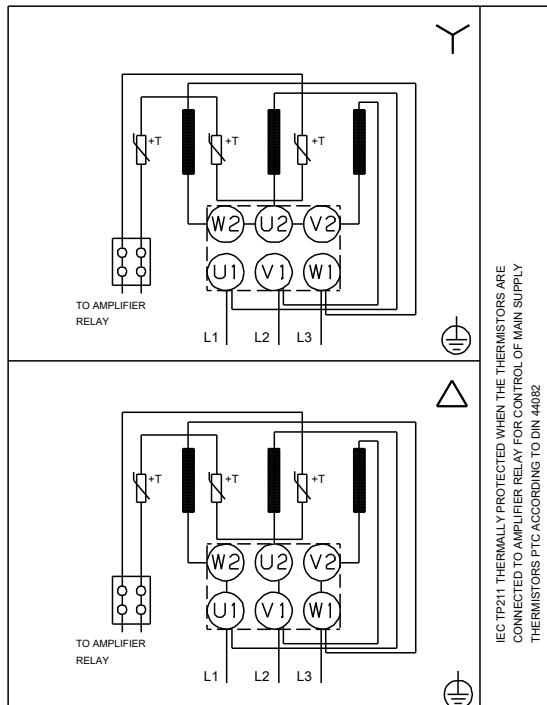
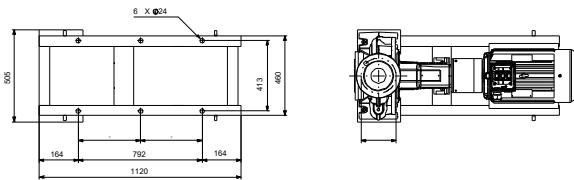
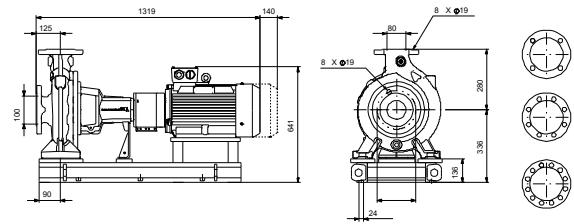
Company name:

Created by:

Phone:

Date: 12/01/2026

Description	Value
<b>General information:</b>	
Product name:	NK 80-225/171 AA1F2S3ESBQQERW1
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	2970 rpm
Rated flow:	178.2 m <sup>3</sup> /h
Pump with motor (Yes/No):	Y
Rated head:	35.7 m
Actual impeller diameter:	171 mm
Nominal impeller diameter:	225
Primary shaft seal:	BQQE
Shaft diameter:	32 mm
Code for shaft seal:	BQQE
Mechanical seal type:	Single
Curve tolerance:	ISO9906:2012 2B
Pump version:	A1
Bearing design:	Standard
<b>Materials:</b>	
Type key, code for materials:	S3
Type key, code for rubber components. E = EPDM, V=FKM:	E
Pump housing:	Cast iron EN 1561 EN-GJL-250 ASTM A48-35
Impeller:	Stainless steel EN 1.4308 ASTM A351 CF8
Pump house, internal coating:	Painting
Material code:	S3
Code for rubber:	E
Shaft:	Steel EN 1.0503/1.4301 AISI 1045/304
<b>Installation:</b>	
Maximum ambient temperature:	40 °C
Range of ambient temperature:	-15 .. 40 °C
Maximum operating pressure:	16 bar
Type key, code for pipework connection:	F
Pipe connection standard:	EN 1092-2
Type of inlet connection:	DIN
Type of outlet connection:	DIN
Size of inlet connection:	DN 100
Size of outlet connection:	DN 80
Pressure rating for connection:	PN 16
Coupling type:	Flexible w/o spacer
Base frame design:	C-channel
Code for base frame:	312
Grouting (Yes/No):	N
Connect code:	F
<b>Liquid:</b>	
Liquid temperature range:	-25 .. 120 °C
<b>Electrical data:</b>	
Motor type:	200LA
Rated power - P2:	30 kW





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Description	Value
Mains frequency:	50 Hz
Rated voltage:	3 x 380-400D/660-690Y V
Rated current:	54,9-52,1/31,6-30,2 A
Starting current:	760 %
Cos phi - power factor:	0.89
Rated speed:	2960 rpm
IE efficiency:	IE3 93,3%
IE Efficiency class:	IE3
Motor efficiency at full load:	93.3 %
Motor efficiency at 3/4 load:	93.0 %
Motor efficiency at 1/2 load:	91.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	<a href="#">99546152</a>
Bearing insulation type N-end:	Steel bearing
<b>Controls:</b>	
Frequency converter:	None
Pressure sensor:	N
<b>Others:</b>	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	386 kg
Gross weight:	432 kg
Shipping volume:	0.935 m <sup>3</sup>



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Order Data:

Position	Your pos.	Product name	Amount	Product No	Total
		NK 80-225/171 AA1F2S3ESBQQERW1	1	On request	