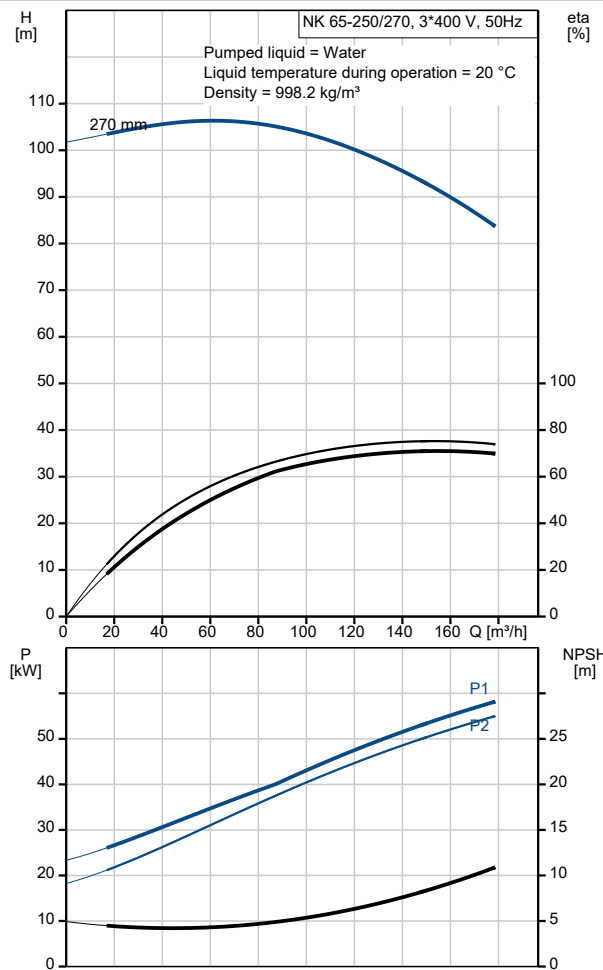


Description	Value
General information:	
Product name:	NK 65-250/270 AA1F2AESBAQEVW1
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2970 rpm
Rated flow:	160.5 m ³ /h
Pump with motor (Yes/No):	Y
Rated head:	89.15 m
Actual impeller diameter:	270 mm
Nominal impeller diameter:	250
Shaft diameter:	32 mm
Code for shaft seal:	BAQE
Mechanical seal type:	Single
Curve tolerance:	ISO9906:2012 3B
Pump version:	A1
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:	E
Shaft:	Stainless steel
Shaft:	EN 1.4301
Shaft:	AISI 304
Installation:	
t max amb:	60 °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 80
Size of outlet connection:	DN 65
Pressure rating for connection:	PN 16
Coupling type:	Flexible w/o spacer
Base frame design:	C-channel
Code for base frame:	73
Grouting (Yes/No):	Y
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor type:	280SA
IE Efficiency class:	IE3
Rated power - P2:	75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	132-120/76,0-69,5 A
Starting current:	800-800 %



Description	Value
Cos phi - power factor:	0.9
Rated speed:	2970 rpm
Efficiency:	IE3 94,7%
Motor efficiency at full load:	94.7-94.7 %
Motor efficiency at 3/4 load:	94.6-94.6 %
Motor efficiency at 1/2 load:	93.7-93.7 %
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:	83K16140
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Frequency converter:	NONE
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI \geq :	0.51
Net weight:	813 kg
Gross weight:	840 kg
Shipping volume:	1.28 m ³