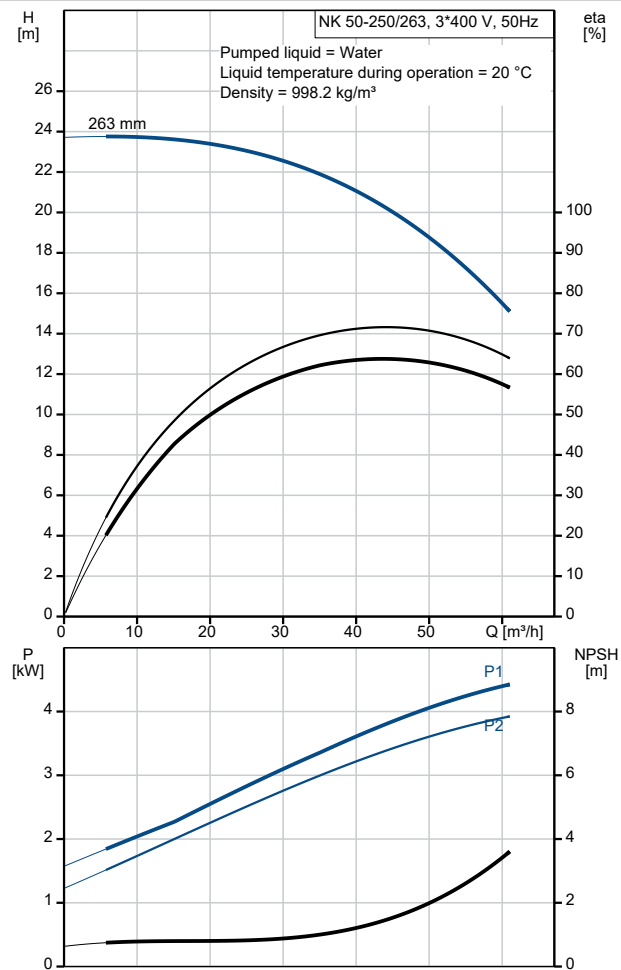


Description	Value
<b>General information:</b>	
Product name:	NK 50-250/263 AA1F2AESBAQEKW3
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	1450 rpm
Rated flow:	46.8 m <sup>3</sup> /h
Pump with motor (Yes/No):	Y
Rated head:	19.4 m
Actual impeller diameter:	263 mm
Nominal impeller diameter:	250
Shaft diameter:	24 mm
Code for shaft seal:	BAQE
Mechanical seal type:	Single
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A1
Bearing design:	Standard
<b>Materials:</b>	
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
<b>Installation:</b>	
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 65
Size of outlet connection:	DN 50
Pressure rating for connection:	PN 16
Coupling type:	Flexible w/o spacer
Base frame design:	C-channel
Code for base frame:	15
Grouting (Yes/No):	N
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	112MA
IE Efficiency class:	IE3
Rated power - P2:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	8,45-7,65/4,85-4,45 A
Starting current:	710-710 %





**Company name:** NTD Pumps And Mechanical Construction Co.,LTD  
**Created by:** Tien Nguyen Van  
**Phone:** 0949570529  
**Email:** tien.nv@ntdpumps.com  
**Date:** 21/05/2022

Description	Value
Cos phi - power factor:	0.8
Rated speed:	1450 rpm
Efficiency:	IE3 88,6%
Motor efficiency at full load:	88.6-88.6 %
Motor efficiency at 3/4 load:	89.3-89.3 %
Motor efficiency at 1/2 load:	88.1-88.1 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 (Protect. water jets/dust)
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	83L16113
Bearing insulation type N-end:	STEEL BEARING
<b>Controls:</b>	
Frequency converter:	NONE
Pressure sensor:	N
<b>Others:</b>	
Minimum efficiency index, MEI $\geq$ :	0.70
Net weight:	143 kg
Gross weight:	157 kg
Shipping volume:	360 m <sup>3</sup>