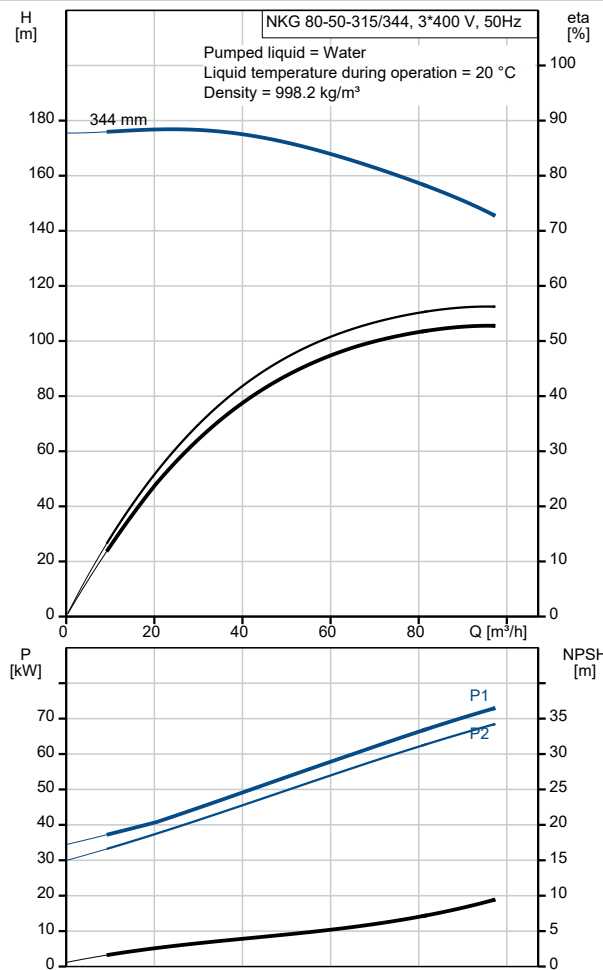


Description	Value
<b>General information:</b>	
Product name:	NKG 80-50-315/344 AA1F3NESDAQFVW1
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	2970 rpm
Rated flow:	95.55 m <sup>3</sup> /h
Pump with motor (Yes/No):	Y
Rated head:	146.6 m
Actual impeller diameter:	344 mm
Nominal impeller diameter:	315
Shaft diameter:	32 mm
Code for shaft seal:	DAQF
Mechanical seal type:	Single
Curve tolerance:	ISO9906:2012 3B
Pump version:	A1
Bearing design:	Standard
<b>Materials:</b>	
Pump housing:	Stainless steel
Pump housing:	EN 1.4408
Pump housing:	ASTM CF8M
Wear ring:	Graflon
Flange:	Cast iron
Flange:	EN-GJS-500-7
Flange:	ASTM 70-50-05
Impeller:	Stainless steel
Impeller:	EN 1.4408
Impeller:	ASTM CF8M
Internal pump house coating:	No coating
Material code:	N
Code for rubber:	E
Shaft:	Stainless steel
Shaft:	EN 1.4401
Shaft:	AISI 316
<b>Installation:</b>	
t max amb:	60 °C
Maximum operating pressure:	25 bar
Pipe connection standard:	EN 1092-1
Type of inlet connection:	DIN
Type of outlet connection:	DIN
Size of inlet connection:	DN 80
Size of outlet connection:	DN 50
Pressure rating for connection:	PN 25
Coupling type:	Flexible w/o spacer
Base frame design:	EN/ISO
Code for base frame:	10C ST
Grouting (Yes/No):	Y
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	0 .. 140 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	280SA
IE Efficiency class:	IE2
Rated power - P2:	75 kW
Mains frequency:	50 Hz





**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
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	134-122/76,5-70,0 A
Starting current:	750-750 %
Cos phi - power factor:	0.9
Rated speed:	2970 rpm
Efficiency:	IE2 94,0%
Motor efficiency at full load:	94.0-94.0 %
Motor efficiency at 3/4 load:	93.5-93.5 %
Motor efficiency at 1/2 load:	92.0-92.0 %
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:	83K15140
Bearing insulation type N-end:	STEEL BEARING
<b>Controls:</b>	
Frequency converter:	NONE
Pressure sensor:	N
<b>Others:</b>	
Minimum efficiency index, MEI $\geq$ :	0.43
Net weight:	975 kg
Gross weight:	1010 kg
Shipping volume:	2.06 m <sup>3</sup>