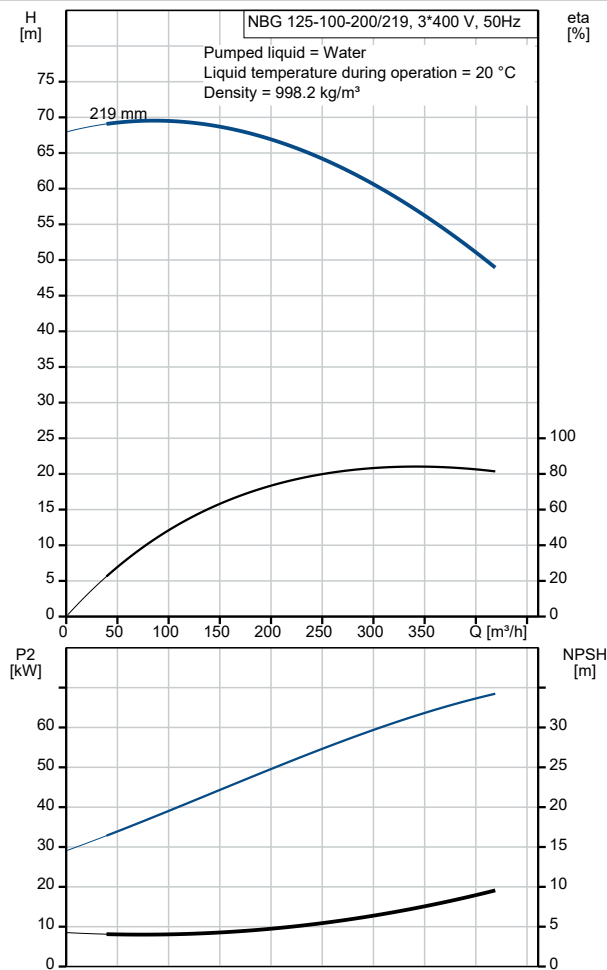


Description	Value
<b>General information:</b>	
Product name:	NBG 125-100-200/219 AAFE2SESBQQEVW1
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	2960 rpm
Rated flow:	356.6 m <sup>3</sup> /h
Rated head:	55.32 m
Actual impeller diameter:	219 mm
Nominal impeller diameter:	200
Shaft seal arrangement:	Single
Shaft diameter:	32 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	AF
Bearing design:	Standard
<b>Materials:</b>	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Wear ring:	Bronze
Impeller:	Stainless steel
Impeller:	EN 1.4408
Impeller:	ASTM CF8M
Internal pump house coating:	CED
Material code:	S
Code for rubber:	E
Shaft:	Stainless steel
Shaft:	EN 1.4401
Shaft:	AISI 316
<b>Installation:</b>	
t max amb:	40 °C
Maximum operating pressure:	16 bar
Pipe connection standard:	AS2129 table E
Size of inlet connection:	DN 125
Size of outlet connection:	DN 100
Pressure rating for connection:	PN 16
Bearing lubrication:	Grease
Pump housing with feet:	Yes
Support block (Yes/No):	N
Connect code:	E2
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	WEG
IE Efficiency class:	IE3
Rated power - P2:	75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Rated current:	132-122 A
Starting current:	800-880 %
Cos phi - power factor:	0.91/0.90
Rated speed:	2965/3570 rpm
Efficiency:	IE3 94.7%
Motor efficiency at full load:	94.7-94.7 %





**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
Motor efficiency at 3/4 load:	94.5-94.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	99174347
Mount. design. acc. IEC 34-7:	IM B35
<b>Controls:</b>	
Frequency converter:	NONE
Pressure sensor:	N
<b>Others:</b>	
Minimum efficiency index, MEI $\geq$ :	0.68
Net weight:	621 kg
Gross weight:	680 kg
Shipping volume:	1.11 m <sup>3</sup>