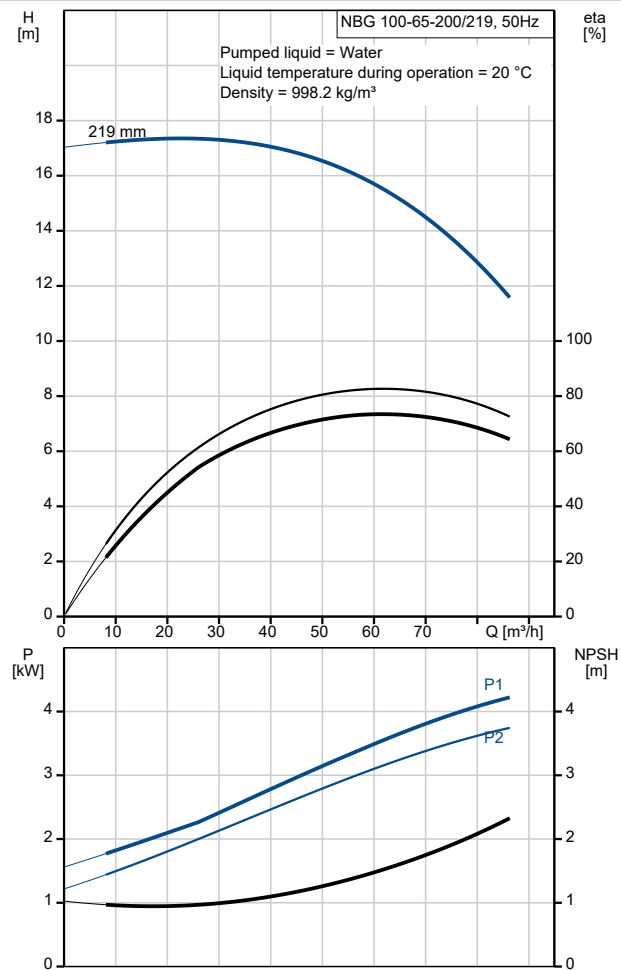


Description	Value
<b>General information:</b>	
Product name:	NBG 100-65-200/219 AAJ2AESBQQEKW3
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	1470 rpm
Rated flow:	66 m <sup>3</sup> /h
Rated head:	14.9 m
Actual impeller diameter:	219 mm
Nominal impeller diameter:	200
Shaft seal arrangement:	Single
Shaft diameter:	32 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Bearing design:	Standard
<b>Materials:</b>	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Wear ring:	Bronze
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:	JIS B 2239
Size of inlet connection:	DN 100
Size of outlet connection:	DN 65
Pressure rating for connection:	PN 16
Bearing lubrication:	Grease
Pump housing with feet:	Yes
Support block (Yes/No):	N
Connect code:	J2
<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:	112MC
IE Efficiency class:	IE3
Rated power - P2:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 200-220D/346-380Y V
Rated current:	17-18,8/9,85-10,8 A
Starting current:	1020-1050 %
Cos phi - power factor:	0.76-0.64
Rated speed:	1470 rpm
Efficiency:	IE3 88,6% - IE3 88,6%
Motor efficiency at full load:	88.6 %





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

Description	Value
Motor efficiency at 3/4 load:	88.9 %
Motor efficiency at 1/2 load:	88.3 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	98718338
Mount. design. acc. IEC 34-7:	IM V1/B5
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:	94 kg
Gross weight:	111 kg
Shipping volume:	0.315 m <sup>3</sup>