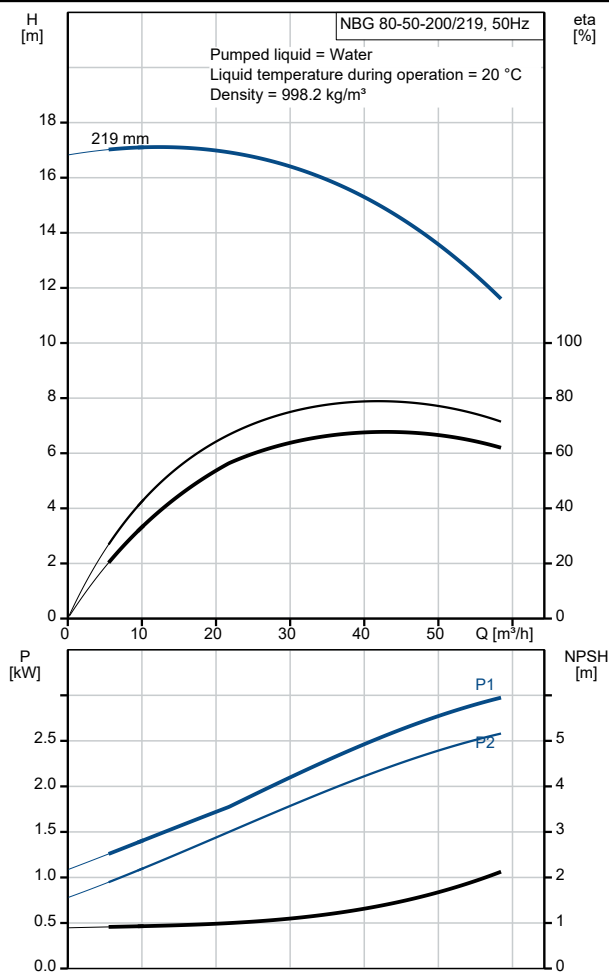


Description	Value
General information:	
Product name:	NBG 80-50-200/219 AAJ2AESBQQEJW3
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	1455 rpm
Rated flow:	45.16 m³/h
Rated head:	14.2 m
Actual impeller diameter:	219 mm
Nominal impeller diameter:	200
Shaft seal arrangement:	Single
Shaft diameter:	24 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Bearing design:	Standard
Materials:	
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
Installation:	
t max amb:	60 °C
Maximum operating pressure:	16 bar
Pipe connection standard:	JIS B 2239
Size of inlet connection:	DN 80
Size of outlet connection:	DN 50
Pressure rating for connection:	PN 16
Bearing lubrication:	Grease
Pump housing with feet:	Yes
Support block (Yes/No):	N
Connect code:	J2
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	100LC
IE Efficiency class:	IE3
Rated power - P2:	3 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 200-220D/346-380Y V
Rated current:	14-16/8,05-9,15 A
Starting current:	750-720 %
Cos phi - power factor:	0.72-0.58
Rated speed:	1450-1460 rpm
Efficiency:	IE3 87,7% - IE3 87,7%
Motor efficiency at full load:	87.7 %



Description	Value
Motor efficiency at 3/4 load:	86 %
Motor efficiency at 1/2 load:	84.5 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	98717853
Mount. design. acc. IEC 34-7:	IM V1/B5
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Frequency converter:	NONE
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	70 kg
Gross weight:	87 kg
Shipping volume:	0.315 m³