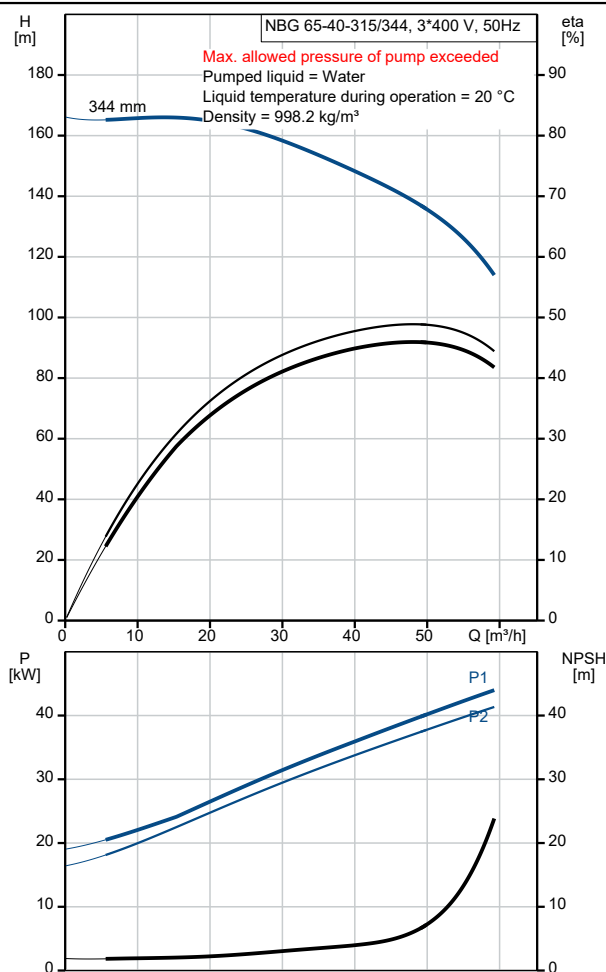


Description	Value
<b>General information:</b>	
Product name:	NBG 65-40-315/344 AAF2AESBAQETW1
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	2960 rpm
Rated flow:	47.36 m³/h
Rated head:	138.7 m
Actual impeller diameter:	344 mm
Nominal impeller diameter:	315
Shaft seal arrangement:	Single
Shaft diameter:	32 mm
Code for shaft seal:	BAQE
Curve tolerance:	ISO9906:2012 3B
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:	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
Size of inlet connection:	DN 65
Size of outlet connection:	DN 40
Pressure rating for connection:	PN 16
Bearing lubrication:	Grease
Pump housing with feet:	Yes
Support block (Yes/No):	N
Connect code:	F2
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor type:	225MA
IE Efficiency class:	IE3
Rated power - P2:	45 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	80,0-72,5/46,0-42,0 A
Starting current:	860-830 %
Cos phi - power factor:	0.91
Rated speed:	2960 rpm
Efficiency:	IE3 94,0%
Motor efficiency at full load:	94.0-94.0 %



Description	Value
Motor efficiency at 3/4 load:	94.0-94.0 %
Motor efficiency at 1/2 load:	93.3-93.3 %
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:	99313159
Mount. design. acc. IEC 34-7:	IM B35
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:	459 kg
Gross weight:	517 kg
Shipping volume:	1.11 m <sup>3</sup>
Sales region:	CN