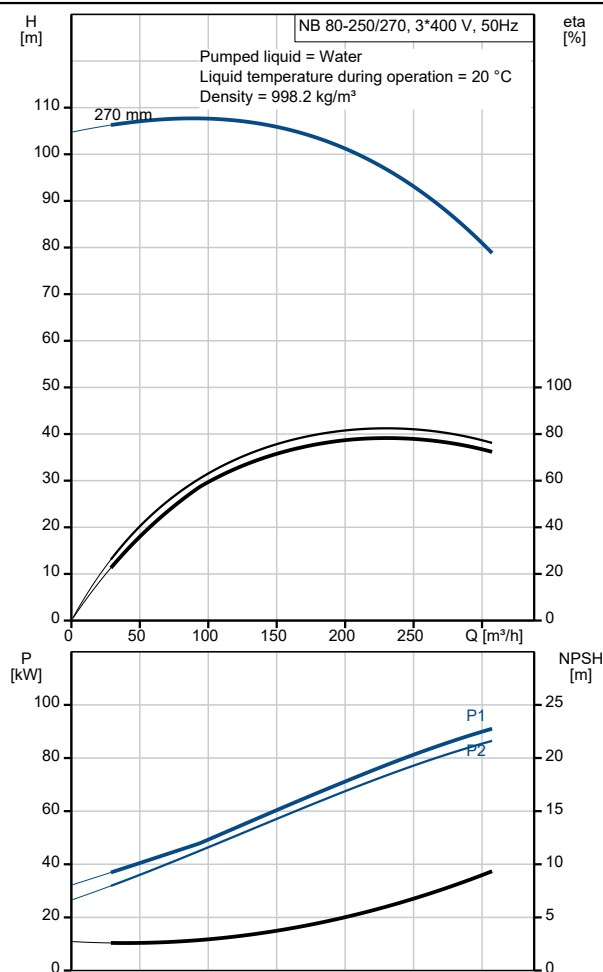


Description	Value
General information:	
Product name:	NB 80-250/270 AASF2AESBAQEW1
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2970 rpm
Rated flow:	249.6 m³/h
Rated head:	92.93 m
Actual impeller diameter:	270 mm
Nominal impeller diameter:	250
Shaft seal arrangement:	Single
Shaft diameter:	32 mm
Code for shaft seal:	BAQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	AS
Bearing design:	Standard
Materials:	
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
Installation:	
t max amb:	60 °C
Maximum operating pressure:	16 bar
Pipe connection standard:	EN 1092-2
Size of inlet connection:	DN 100
Size of outlet connection:	DN 80
Pressure rating for connection:	PN 16
Bearing lubrication:	Grease
Pump housing with feet:	Yes
Support block (Yes/No):	Y
Connect code:	F2
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	280MA
IE Efficiency class:	IE3
Rated power - P2:	90 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	156-142/90,0-82,0 A
Starting current:	810-810 %
Cos phi - power factor:	0.9
Rated speed:	2970 rpm
Efficiency:	IE3 95,0%
Motor efficiency at full load:	95.0-95.0 %



Description	Value
Motor efficiency at 3/4 load:	94.9-94.9 %
Motor efficiency at 1/2 load:	94.1-94.1 %
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:	83K16442
Mount. design. acc. IEC 34-7:	IM B35
Bearing insulation type N-end:	STEEL BEARING
Controls:	
Frequency converter:	NONE
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	709 kg
Gross weight:	735 kg
Shipping volume:	0.817 m³