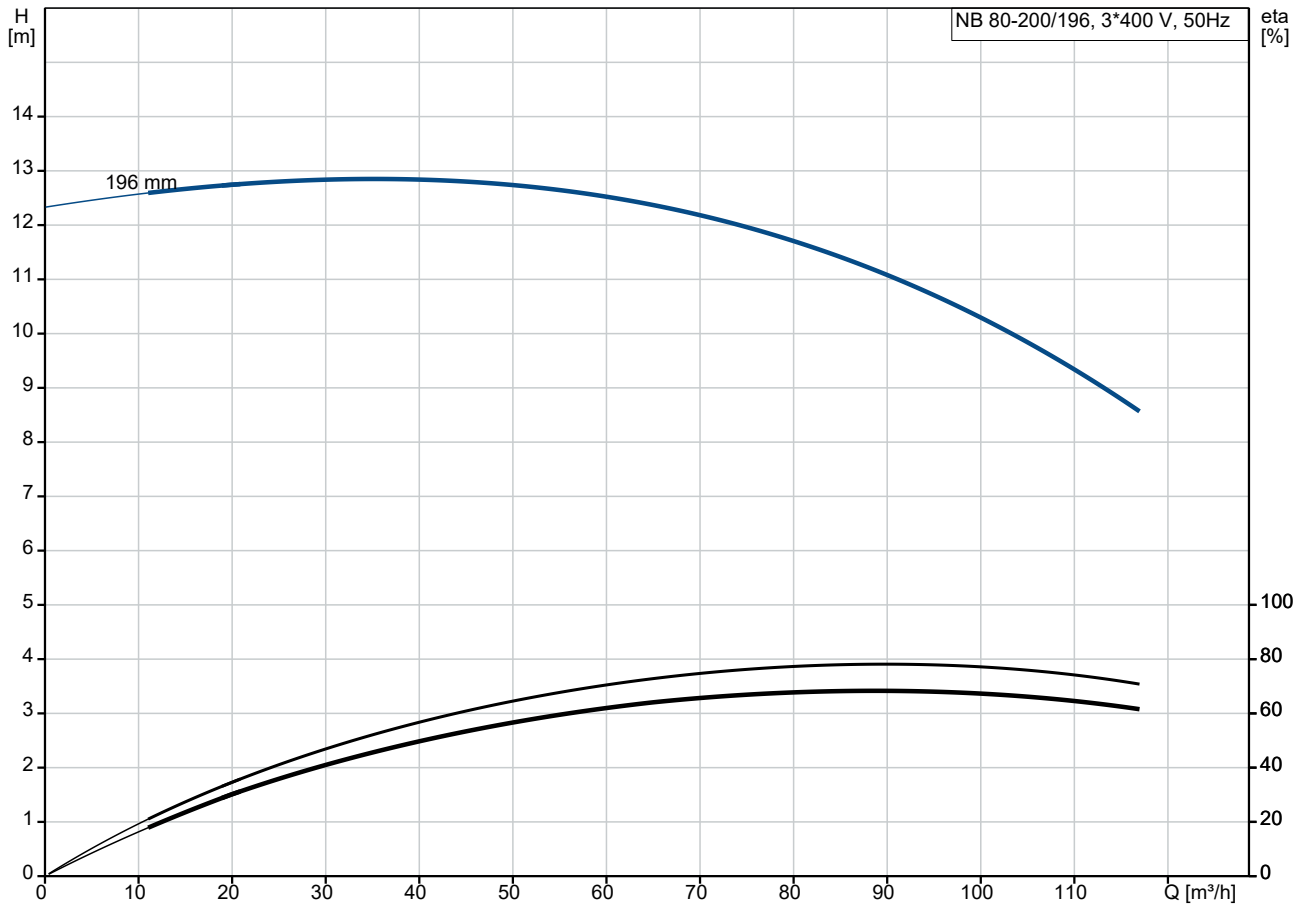
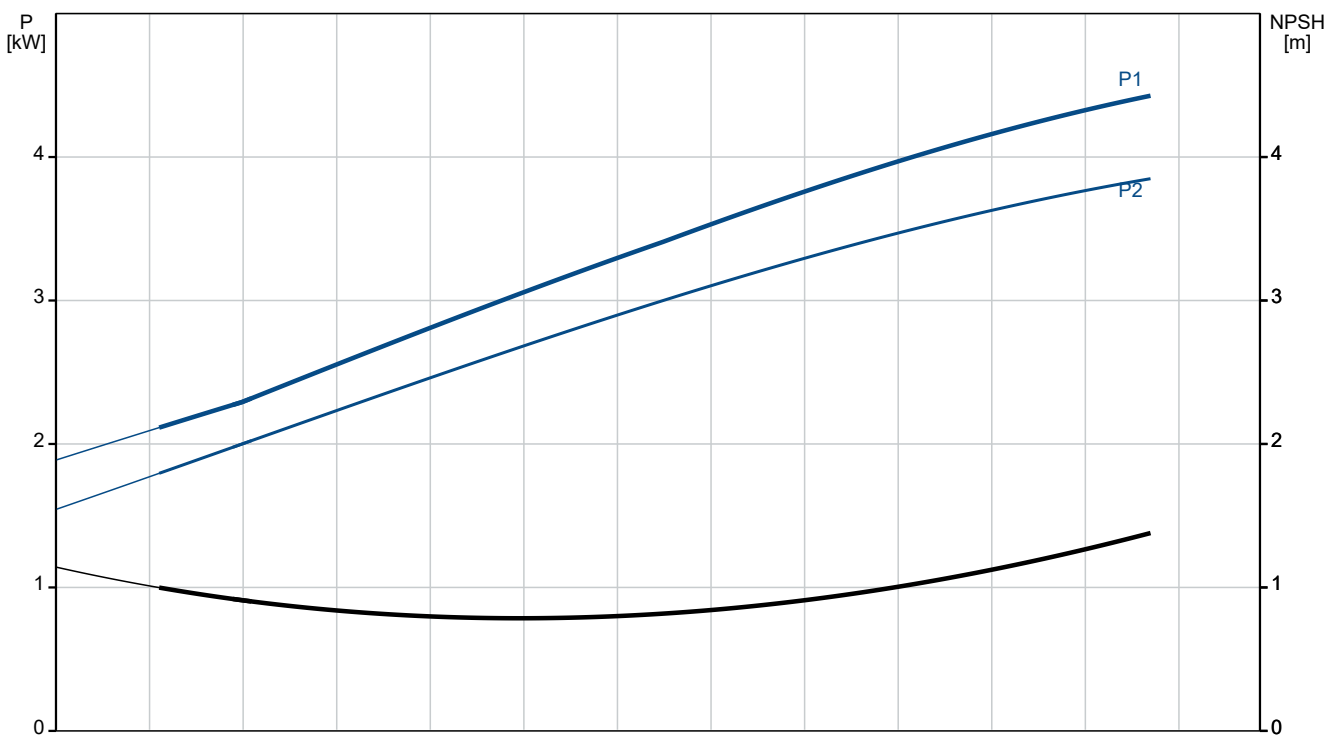


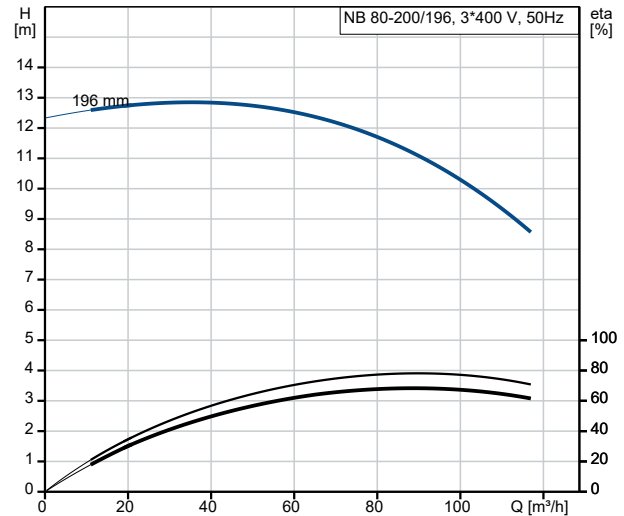
96531156 NB 80-200/196 A-F-A-GQQE 50 Hz



Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	NB 80-200/196 A-F-A-GQQE
Product No:	96531156
EAN number:	5700397242803
Price:	
Technical:	
Pump speed on which pump data are based:	1445 rpm
Rated flow:	91.2 m ³ /h
Rated head:	10.8 m
Actual impeller diameter:	196 mm
Shaft seal arrangement:	Single
Code for shaft seal:	GQQE
Pump version:	A
Bearing design:	Standard
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-JL 1040
Pump housing:	A48-40 B
Impeller:	Cast iron
Impeller:	EN-JL 1030
Impeller:	A48-30 B
Material code:	A
Installation:	
Max. ambient temperature:	40 °C
Pipe connection standard:	DIN
Size of inlet connection:	DN 100
Size of outlet connection:	DN 80
Pressure rating for connection:	PN16
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor type:	112MB
Rated power - P2:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 D V
Rated current:	8.9 A
Starting current:	660-720 %
Cos phi - power factor:	0.82-0.76
Rated speed:	1440-1450 rpm
Motor efficiency at full load:	86.5-87 %
Motor efficiency at 3/4 load:	88 %
Motor efficiency at 1/2 load:	88-86.5 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	87302330
Others:	
Net weight:	106 kg
Gross weight:	107 kg
Shipping volume:	0.324 m ³



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