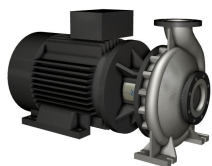
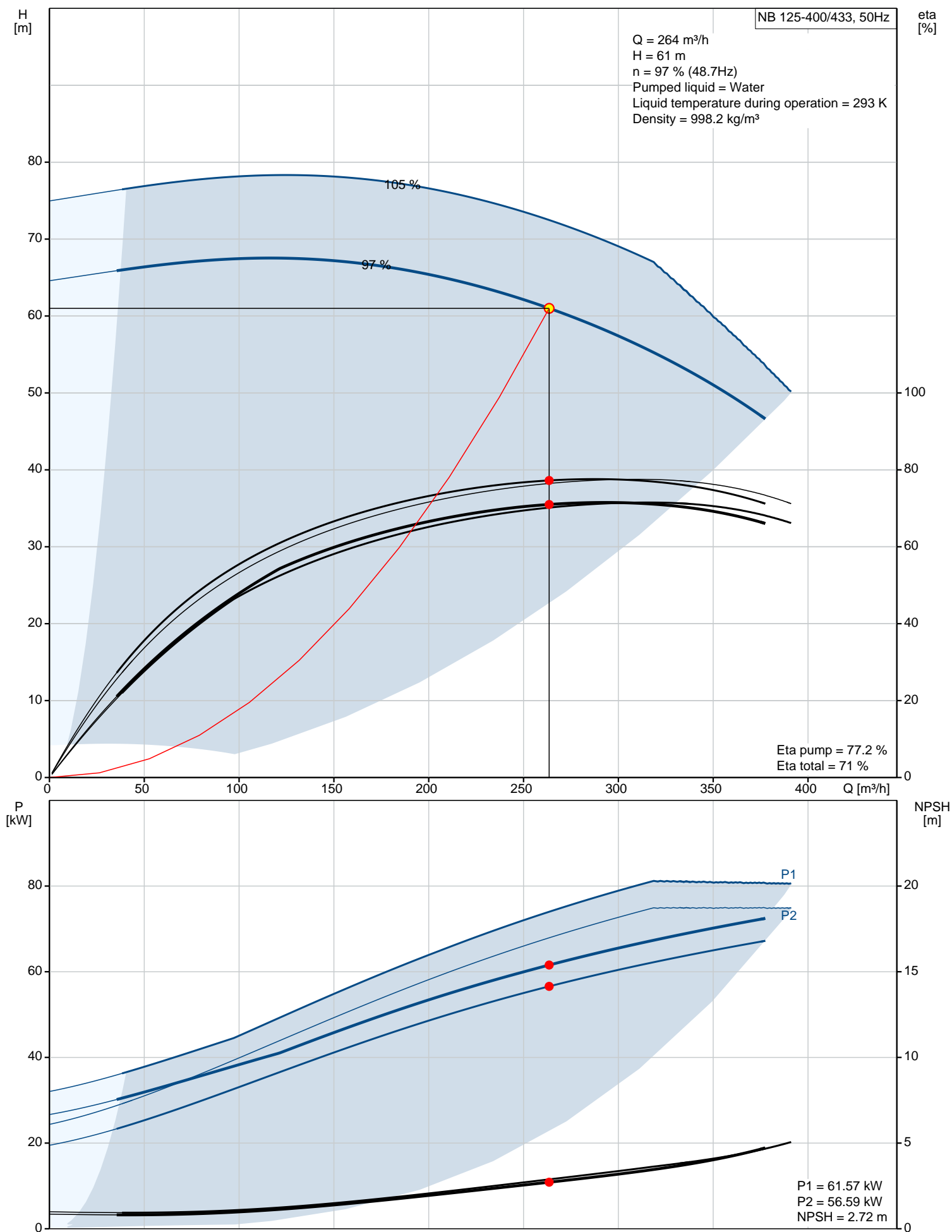


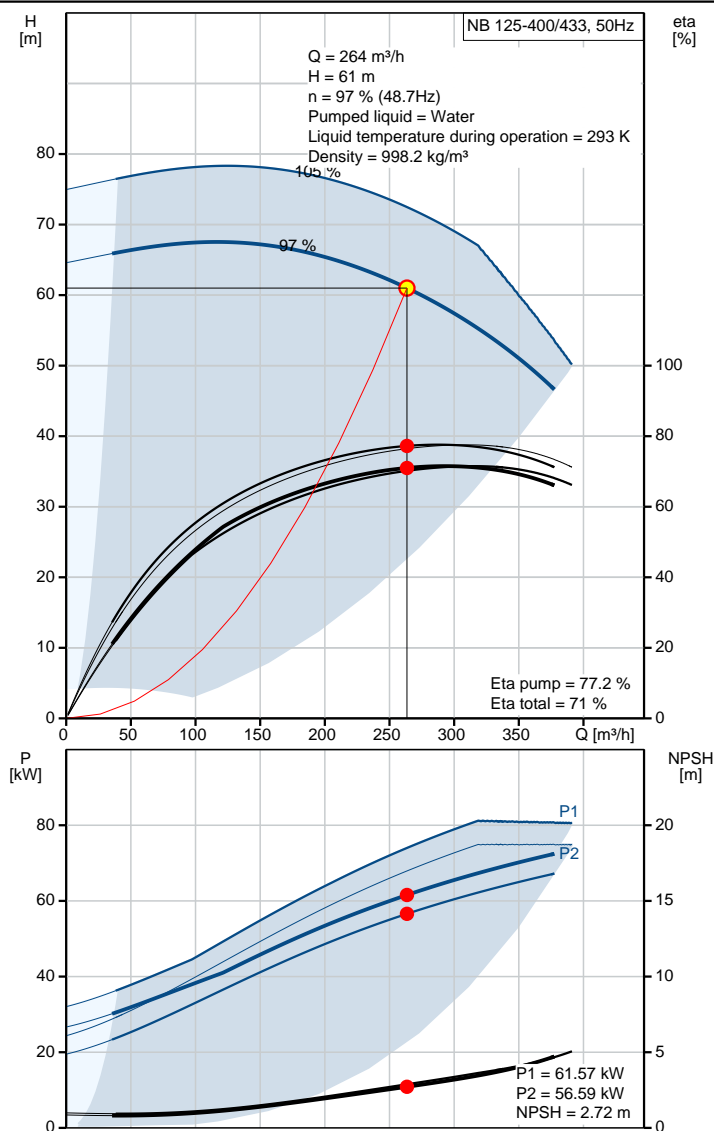
Position	Qty.	Description
	1	<p><b>NB 125-400/433 A-F2-K-E-BQQE</b></p>  <p>Product No.: <a href="#">98308792</a></p> <p>Non-self-priming, single-stage, centrifugal volute pump designed according to ISO 5199 with dimensions and rated performance according to EN 733 (10 bar). Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, radial discharge port, horizontal shaft and a back pull-out design enabling removal of the motor, motor stool, cover and impeller without disturbing the pump housing or pipework.</p> <p>The unbalanced rubber bellows seal is according to DIN EN 12756.</p> <p>The pump is close-coupled to a fan-cooled asynchronous motor.</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: 248 .. 393 K</p> <p>Liquid temperature during operation: 293 K</p> <p>Density: 998.2 kg/m<sup>3</sup></p> <p><b>Technical:</b></p> <p>Speed for pump data: 1485 rpm</p> <p>Actual calculated flow: 264 m<sup>3</sup>/h</p> <p>Resulting head of the pump: 61 m</p> <p>Actual impeller diameter: 433 mm</p> <p>Impeller nom: 400 mm</p> <p>Primary shaft seal: BQQE</p> <p>Secondary shaft seal: NONE</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b></p> <p>Pump housing: Stainless steel DIN W.-Nr. 1.4408 ASTM CF8M</p> <p>Impeller: Stainless steel DIN W.-Nr. 1.4408 ASTM CF8M</p> <p>Rubber: EPDM</p> <p>Wear ring mat.: EN 1.4517 / CD4MCuN</p> <p><b>Installation:</b></p> <p>Maximum ambient temperature: 328 K</p> <p>Maximum operating pressure: 1600 kPa</p> <p>Flange standard: EN 1092-2</p> <p>Pump inlet: DN 150</p> <p>Pump outlet: DN 125</p> <p>Pressure stage: PN 16</p> <p><b>Electrical data:</b></p> <p>Motor type: SIEMENS</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 75 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-420D/660-725Y V</p> <p>Rated current: 140-130/80,0-74,0 A</p> <p>Starting current: 690-690 %</p> <p>Cos phi - power factor: 0,9</p> <p>Rated speed: 1485 rpm</p> <p>Efficiency: IE3 95,0%</p> <p>Motor efficiency at full load: 95.0-95.0 %</p> <p>Motor efficiency at 3/4 load: 95.3-95.3 %</p>

Position	Qty.	Description
		<p>Motor efficiency at 1/2 load: 95.0-95.0 %</p> <p>Number of poles: 4</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Lubricant type: Grease</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI : 0.55</p> <p>ErP status: EuP Standalone/Prod.</p> <p>Net weight: 819 kg</p> <p>Gross weight: 846 kg</p> <p>Shipping volume: 0.876 m<sup>3</sup></p>

## 98308792 NB 125-400/433 50 Hz



Description	Value
<b>General information:</b>	
Product name:	NB 125-400/433 A-F2-K-E-BQQE
Product No:	98308792
EAN number:	5711492815410
<b>Technical:</b>	
Speed for pump data:	1485 rpm
Actual calculated flow:	264 m³/h
Resulting head of the pump:	61 m
Actual impeller diameter:	433 mm
Impeller nom:	400 mm
Primary shaft seal:	BQQE
Secondary shaft seal:	NONE
Shaft diameter:	42 mm
Shaft:	Stainless steel 316
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
<b>Materials:</b>	
Pump housing:	Stainless steel DIN W.-Nr. 1.4408 ASTM CF8M
Impeller:	Stainless steel DIN W.-Nr. 1.4408 ASTM CF8M
Material code:	K
Rubber:	EPDM
Code for rubber:	E
Wear ring mat.:	EN 1.4517 / CD4MCuN
<b>Installation:</b>	
Maximum ambient temperature:	328 K
Maximum operating pressure:	1600 kPa
Flange standard:	EN 1092-2
Connect code:	F2
Pump inlet:	DN 150
Pump outlet:	DN 125
Pressure stage:	PN 16
Wear ring(s):	neckring(s)
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	248 .. 393 K
Liquid temperature during operation:	293 K
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor type:	SIEMENS
IE Efficiency class:	IE3
Rated power - P2:	75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	140-130/80,0-74,0 A
Starting current:	690-690 %
Cos phi - power factor:	0,9
Rated speed:	1485 rpm
Efficiency:	IE3 95,0%
Motor efficiency at full load:	95.0-95.0 %
Motor efficiency at 3/4 load:	95.3-95.3 %
Motor efficiency at 1/2 load:	95.0-95.0 %
Number of poles:	4
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	83V15440





Company name:  
Created by:  
Phone:

Date: 26/09/2017

Description	Value
Mount. design. acc. IEC 34-7:	IM B35
Lubricant type:	Grease
Others:	
Minimum efficiency index, MEI :	0.55
ErP status:	EuP Standalone/Prod.
Net weight:	819 kg
Gross weight:	846 kg
Shipping volume:	0.876 m³

## 98308792 NB 125-400/433 50 Hz

