
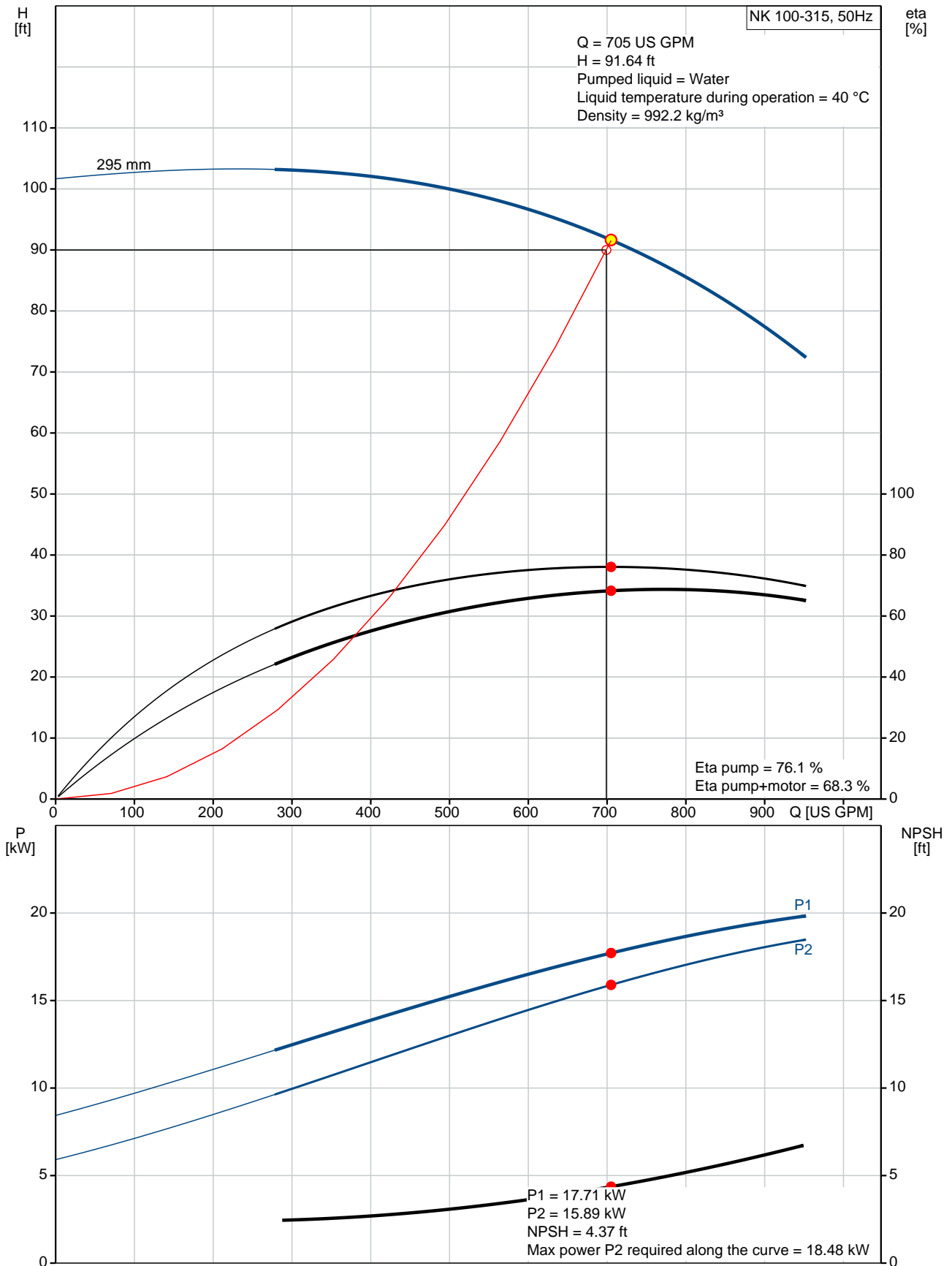


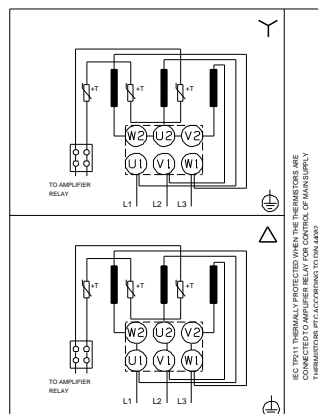
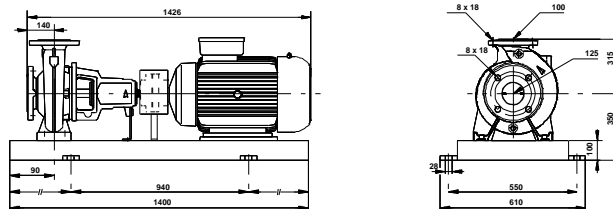
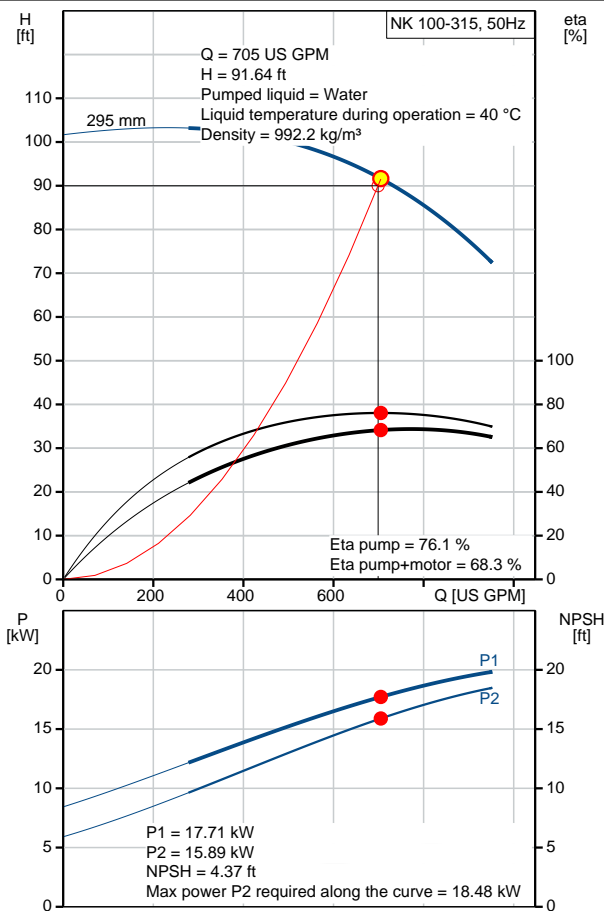
Position	Qty.	Description
	1	<p>NK 100-315 A-BAQE</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: On request</p> <p>Non-self priming, single-stage centrifugal pump for the pumping of thin, clean or slightly contaminated, non-aggressive liquids without abrasive or long-fibred solids.</p> <p>Pump and motor are mounted as separate units on a common baseplate and connected via a flexible coupling.</p> <p>The impeller is hydraulically as well as dynamically balanced.</p> <p>The shaft sealing is by means of a replaceable shaft sleeve (stuffing box versions).</p> <p>Complete unit consists of pump, baseplate, coupling guard and electric motor.</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: 0 .. 120 °C</p> <p>Liquid temperature during operation: 40 °C</p> <p>Density: 992.2 kg/m³</p> <p>Technical:</p> <p>Actual calculated flow: 705 US GPM</p> <p>Resulting head of the pump: 91.64 ft</p> <p>Actual impeller diameter: 295 mm</p> <p>Impeller nom: 315 mm</p> <p>Primary shaft seal: BAQE</p> <p>Rated head: 91.64 ft</p> <p>Rated flow: 705 US GPM</p> <p>Max power P2 along the curve: 18.48 kW</p> <p>Materials:</p> <p>Pump housing: Cast iron EN-GJL-250 ASTM 35-40</p> <p>Impeller: Cast iron EN-GJL-250 ASTM 35-40</p> <p>Installation:</p> <p>Maximum ambient temperature: 40 °C</p> <p>Maximum operating pressure: 16 bar</p> <p>Flange standard: EN 1092-2</p>

Position	Qty.	Description
		<p>Pump inlet: DN 125</p> <p>Pump outlet: DN 100</p> <p>Pressure rating: PN 16</p> <p>Coupling type: Standard</p> <p>Electrical data:</p> <p>Motor type: MMG225S</p> <p>Rated power - P2: 37 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240 D/380-415 Y V</p> <p>Rated current: 112/64,0 A</p> <p>Starting current: 740 %</p> <p>Cos phi - power factor: 0,89</p> <p>Rated speed: 1480 rpm</p> <p>Motor efficiency at full load: 92.0 %</p> <p>Motor efficiency at 3/4 load: 93.6 %</p> <p>Motor efficiency at 1/2 load: 93.2 %</p> <p>Number of poles: 4</p> <p>Enclosure class (IEC 34-5): IP55</p> <p>Insulation class (IEC 85): F</p> <p>Others:</p> <p>Net weight: 544 kg</p>

NK 100-315 50 Hz



Description	Value
General information:	
Product name:	NK 100-315 A-BAQE
Product No:	On request
Based on:	On request
EAN number:	On request
Technical:	
Actual calculated flow:	705 US GPM
Resulting head of the pump:	91.64 ft
Actual impeller diameter:	295 mm
Impeller nom:	315 mm
Primary shaft seal:	BAQE
Rated head:	91.64 ft
Rated flow:	705 US GPM
Max power P2 along the curve:	18.48 kW
Materials:	
Pump housing:	Cast iron
	EN-GJL-250
	ASTM 35-40
Impeller:	Cast iron
	EN-GJL-250
	ASTM 35-40
Material code:	A
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	16 bar
Flange standard:	EN 1092-2
Pump inlet:	DN 125
Pump outlet:	DN 100
Pressure rating:	PN 16
Coupling type:	Standard
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Liquid temperature during operation:	40 °C
Density:	992.2 kg/m ³
Electrical data:	
Motor type:	MMG225S
Rated power - P2:	37 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240 D/380-415 Y V
Rated current:	112/64,0 A
Starting current:	740 %
Cos phi - power factor:	0,89
Rated speed:	1480 rpm
Motor efficiency at full load:	92.0 %
Motor efficiency at 3/4 load:	93.6 %
Motor efficiency at 1/2 load:	93.2 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	83405134
Motor range:	Standard





Company name:

Created by:

Phone:

Date:

26/03/2018

Description	Value
Others:	
Net weight:	544 kg