Project: Four Seasons Hotel Client: Briggs & Forrester

Reference Number: LTHW 7-8 Client Number:

Contact: John Nicholls

Price on request

Position | Qty. | Description | Single Price

NB 100-250/270 A-F-A BAQE



Note! Product picture may differ from actual product

Product No.: 95109786

Non-self priming, single-stage centrifugal pump according to EN 1092-2.

The pump is for the pumping of thin, clean or slightly contaminated liquids without abrasive or long-fibred solids.

The pump is directly coupled with an IEC-flanged 3-phase AC motor.

The impeller is hydraulically as well as dynamically balanced.

The pump has the following characteristics:

- flange dimensions according to EN 1092-2,
- Cast iron volute pump housing,
- stainless steel shaft and Cast iron impeller and bronze wear rings,
- unbalanced mechanical shaft seal according to EN 12756.

Liquid:

Liquid temperature range: $0...120 \, ^{\circ}\text{C}$ Liquid temp: $70 \, ^{\circ}\text{C}$ Density: $977.8 \, \text{kg/m}^3$

Technical:

Speed for pump data: 1465 rpm
Actual calculated flow: 44.31 l/s
Resulting head of the pump: 245 kPa
Actual impeller diameter: 270 mm
Shaft seal: BAQE

Curve tolerance: ISO 9906 Annex A

Materials:

Pump housing: Cast iron

EN-GJL-250 ASTM A48-40 B

Impeller: Cast iron

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Four Seasons Hotel Client: Briggs & Forrester

Project: Four Season Reference Number: LTHW 7-8 **Client Number:**

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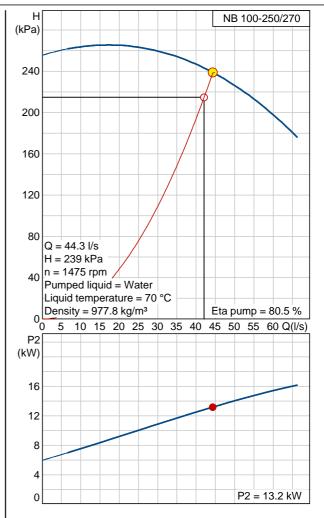
ition	Qty.	Description		Single Pi
			EN-GJL-200 ASTM A48-30 B	
			A31W A40-30 B	
		Installation:	_	
		Maximum ambient temperature:		
		Maximum operating pressure: Flange standard:	1600 kPa EN 1092-2	
		Pump inlet:	DN 125	
		Pump outlet:	DN 100	
		Pressure stage:	PN16	
		Electrical data:		
		Motor type:	SIEMENS	
		Efficiency class:	1	
		Number of poles: Rated power - P2:	4 18.5 kW	
		Mains frequency:	50 Hz	
		Rated voltage:	3 x 380-415 D / 660-690 Y V	
		Rated current:	34.5 / 20 A	
		Starting current:	700 %	
		Cos phi - power factor: Rated speed:	0,84 1470 rpm	
		Motor efficiency at full load:	92,5 %	
		Motor efficiency at 3/4 load:	93,0 %	
		Enclosure class (IEC 34-5):	55	
		Insulation class (IEC 85):	F	
		Others:		
		Net weight:	233 kg	
		Gross weight: Shipping volume:	247 kg 0.725 m3	
		Shipping volume.	0.720 1110	

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Reference Number: LTHW 7-8 **Client Number:**

 •	
Contact:	John Nicholls

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Description	Value
Product name:	NB 100-250/270 A-F-A BAQE
Product No:	95109786
EAN number:	5700836490888
Price:	On request
i noe.	Offrequest
Technical:	
Speed for pump data:	1465 rpm
Actual calculated flow:	44.31 l/s
Resulting head of the pump:	245 kPa
Actual impeller diameter:	270 mm
Shaft seal:	BAQE
Shaft diameter:	32 mm
Curve tolerance:	ISO 9906 Annex A
Pump version:	A
Materials:	
Pump housing:	Cast iron
	EN-GJL-250
-	ASTM A48-40 B
Impeller:	Cast iron
	EN-GJL-200
	ASTM A48-30 B
Material code:	A
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	1600 kPa
Flange standard:	EN 1092-2
Connect code:	F
Pump inlet:	DN 125
Pump outlet:	DN 100
	PN16
Pressure stage.	FINIO
Pressure stage: Wear ring(s):	
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Wear ring(s): Liquid:	
Wear ring(s):	neckring(s)
Wear ring(s): Liquid: Liquid temperature range:	neckring(s) 0 120 °C 70 °C
Wear ring(s): Liquid: Liquid temperature range: Liquid temp:	neckring(s) 0 120 °C
Wear ring(s): Liquid: Liquid temperature range: Liquid temp:	neckring(s) 0 120 °C 70 °C
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density:	neckring(s) 0 120 °C 70 °C
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 %
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 %
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 %
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5):	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85):	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F PTC
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec: Motor No:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F PTC 83B15428
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F PTC
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec: Motor No: Motor range:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F PTC 83B15428
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Motor range: Others:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F PTC 83B15428 Premium
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Motor range: Others: Net weight:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F PTC 83B15428 Premium
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec: Motor No: Motor range: Others: Net weight: Gross weight:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F PTC 83B15428 Premium
Wear ring(s): Liquid: Liquid temperature range: Liquid temp: Density: Electrical data: Motor type: Efficiency class: Number of poles: Rated power - P2: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Motor range: Others: Net weight:	neckring(s) 0 120 °C 70 °C 977.8 kg/m³ SIEMENS 1 4 18.5 kW 50 Hz 3 x 380-415 D / 660-690 Y V 34.5 / 20 A 700 % 0,84 1470 rpm 92,5 % 93,0 % 55 F PTC 83B15428 Premium

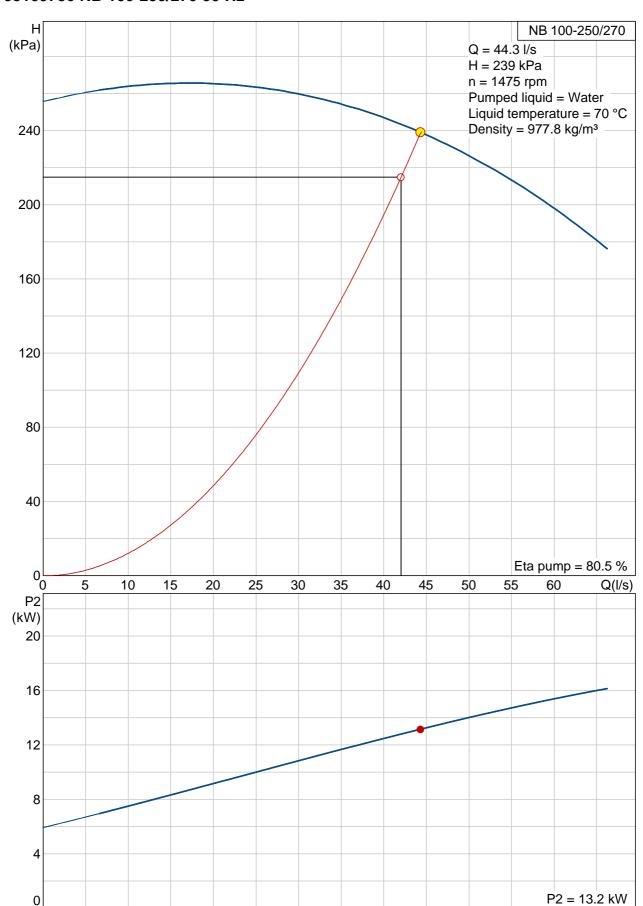


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Reference Number: LTHW 7-8 Client Number:

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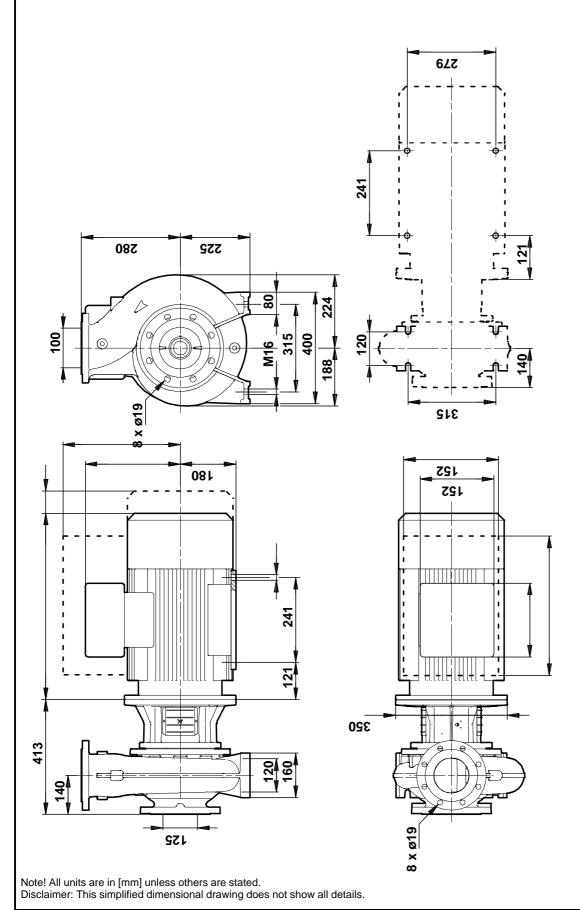
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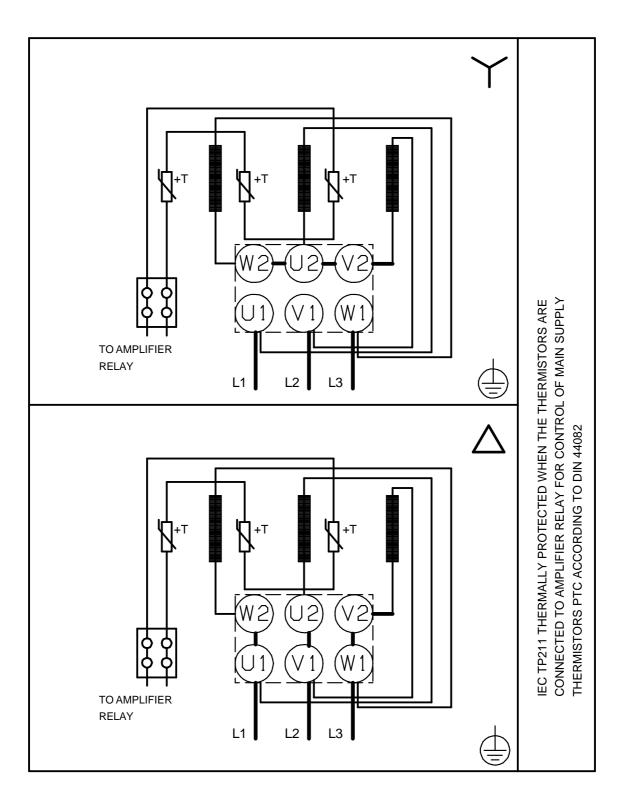
Project: Four Seasons Hotel Client: **Briggs & Forrester**

Reference Number: LTHW 7-8

Client Number:

Contact: John Nicholls

95109786 NB 100-250/270 50 Hz



Note! All units are in [mm] unless others are stated.

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