
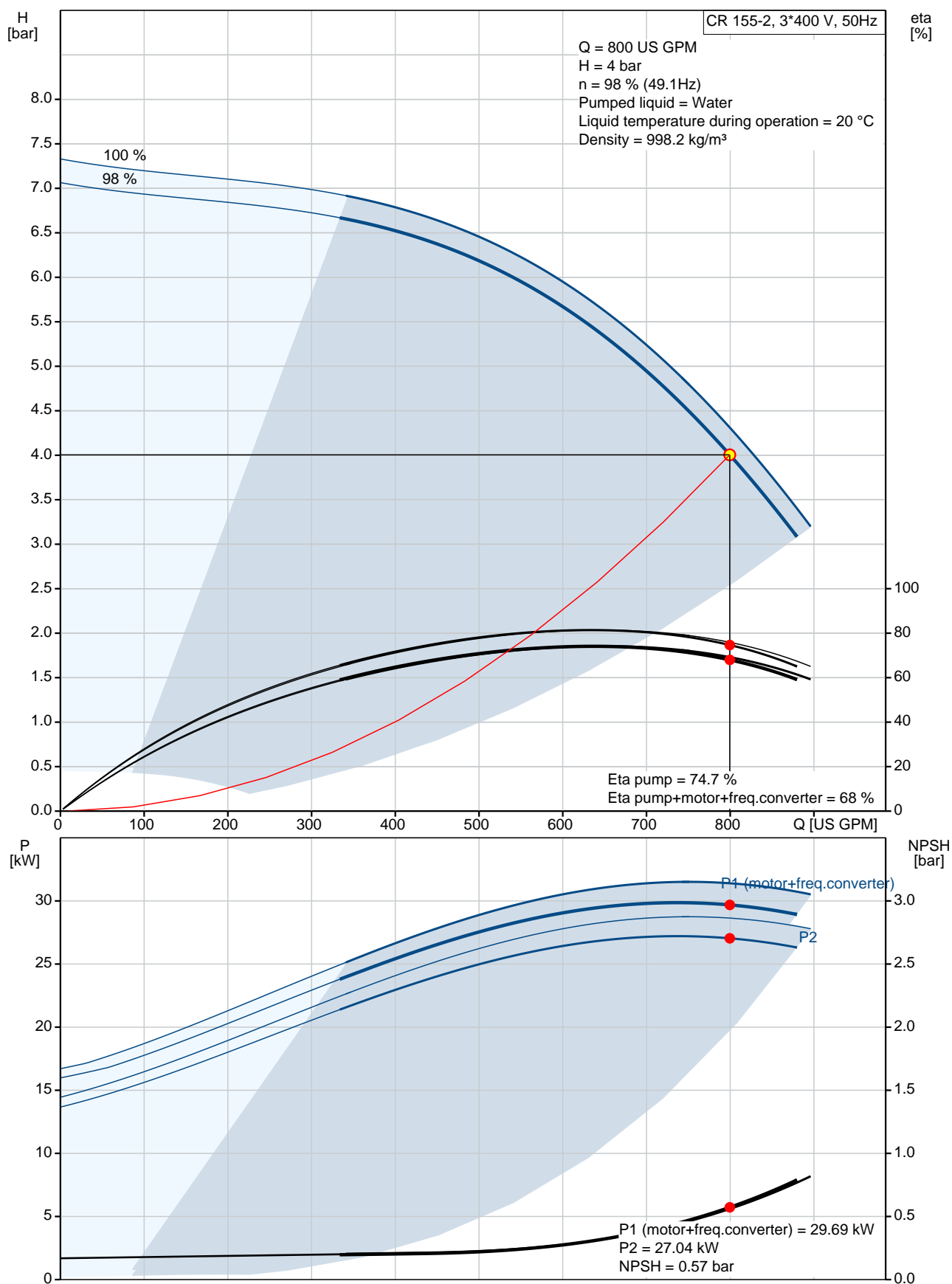


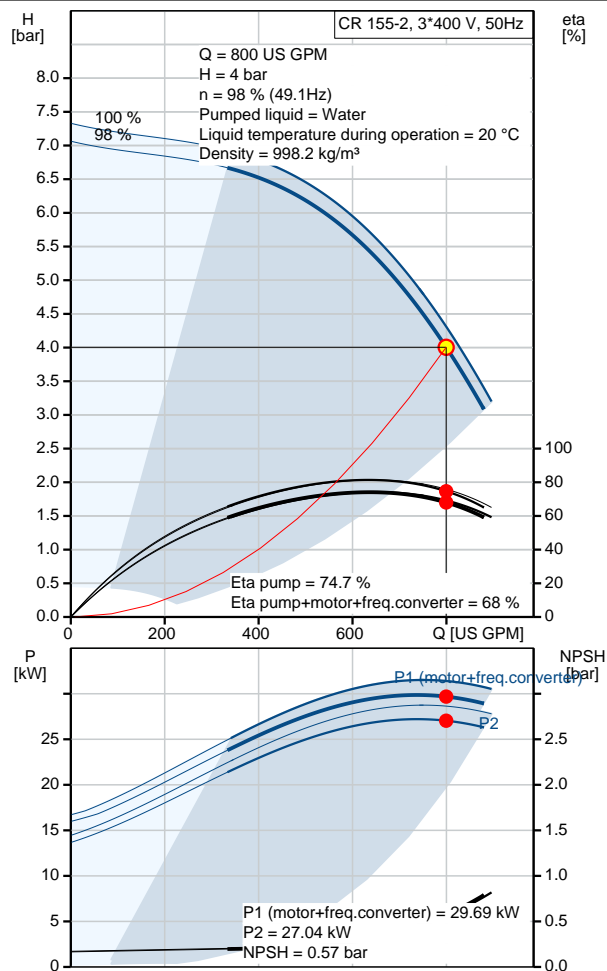
Qty.	Description
1	<p>CR 155-2 A-F-A-E-HQBE</p>  <p>Product No.: 99179655</p> <p>Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. The Grundfos cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via DIN flanges.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Controls: Frequency converter: NONE</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: -20 .. 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³</p> <p>Technical: Pump speed on which pump data are based: 2972 rpm Actual calculated flow: 800 US GPM Rated flow: 682 US GPM Resulting head of the pump: 4 bar Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQBE Curve tolerance: ISO9906:2012 3B</p> <p>Materials: Base: Ductile cast iron EN 1563 EN-GJS-500-7 Impeller: Stainless steel EN 1.4301 Bearing: WC/WC Support bearing: Graflon Material certified according to: European standards</p> <p>Installation: Maximum ambient temperature: 55 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 120 °C Type of connection: DIN Size of inlet connection: DN 150 Size of outlet connection: DN 150 Pressure rating for pipe connection: PN 16 Flange size for motor: FF350</p> <p>Electrical data: Motor standard: IEC</p>

Qty.	Description
	<p> Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 30 kW Power (P2) required by pump: 30 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y V Rated current: 56,0-51,0/32,0-29,5 A Starting current: 660-660 % Cos phi - power factor: 0.87 Rated speed: 2955 rpm Efficiency: IE3 93,3% Motor efficiency at full load: 93.3-93.3 % Motor efficiency at 3/4 load: 93.6-93.6 % Motor efficiency at 1/2 load: 93.4-93.4 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F </p> <p> Others: Net weight: 387 kg Gross weight: 461 kg Shipping volume: 1.14 m³ Thrust handling device: N Approvals: CE, EAC, ACS, WRAS </p>

99179655 CR 155-2 A-F-A-E-HQBE 50 Hz

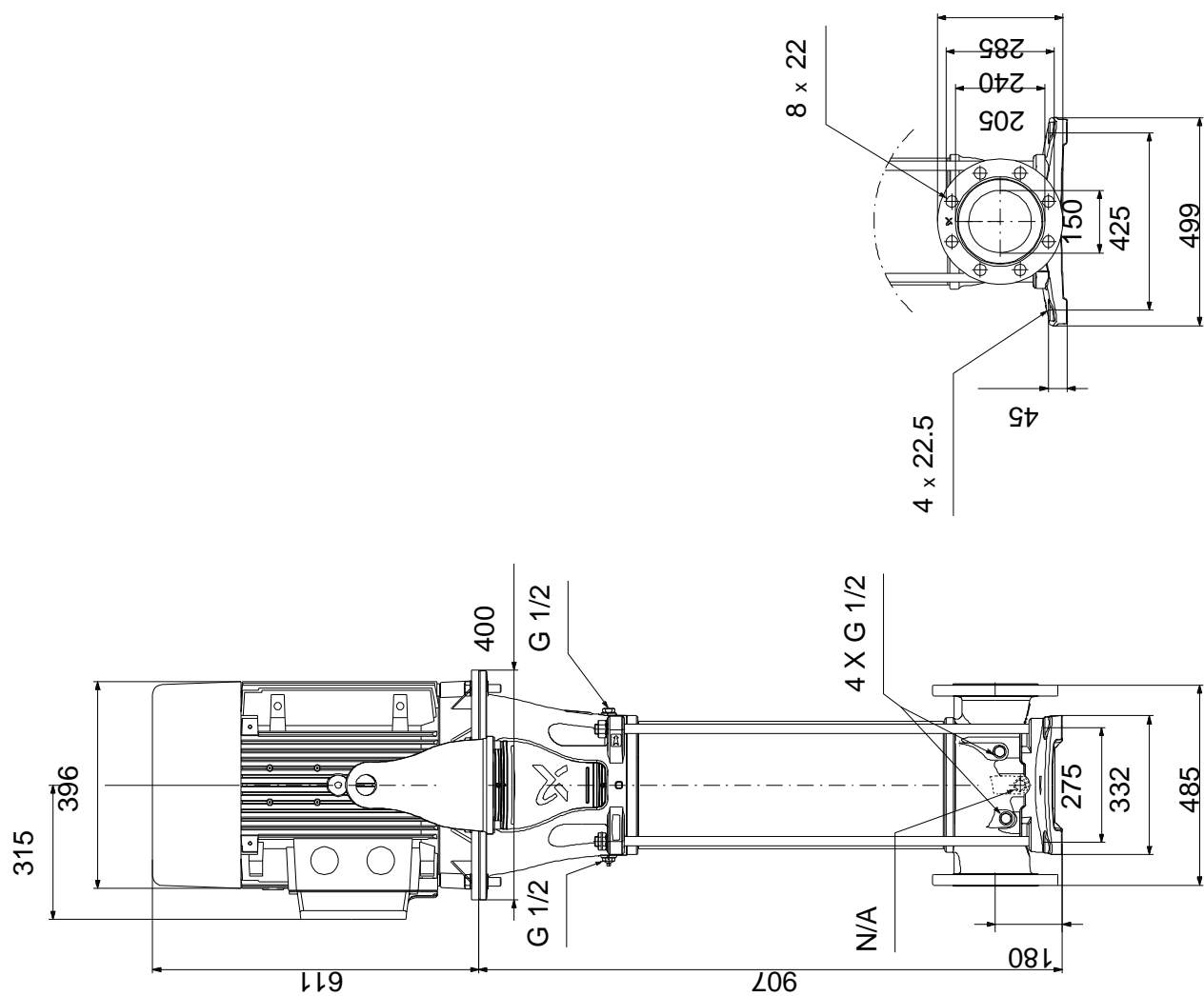


Description	Value
General information:	
Product name:	CR 155-2 A-F-A-E-HQBE
Product No:	99179655
EAN number:	5712608192517
Technical:	
Pump speed on which pump data are based:	2972 rpm
Actual calculated flow:	800 US GPM
Rated flow:	682 US GPM
Resulting head of the pump:	4 bar
Head max:	7.322 bar
Stages:	2
Impellers:	2
Low NPSH:	No
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQBE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Cooling:	IC 411
Materials:	
Base:	Ductile cast iron EN 1563 EN-GJS-500-7
Impeller:	Stainless steel EN 1.4301
Material code:	A
Code for rubber:	E
Bearing:	WC/WC
Support bearing:	Graflon
Material certified according to:	European standards
Installation:	
Maximum ambient temperature:	55 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
Type of connection:	DIN
Size of inlet connection:	DN 150
Size of outlet connection:	DN 150
Pressure rating for pipe connection:	PN 16
Flange size for motor:	FF350
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor standard:	IEC
Motor type:	SIEMENS
IE Efficiency class:	IE3
Rated power - P2:	30 kW
Power (P2) required by pump:	30 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	56,0-51,0/32,0-29,5 A
Starting current:	660-660 %
Cos phi - power factor:	0.87
Rated speed:	2955 rpm



Description	Value
Efficiency:	IE3 93,3%
Motor efficiency at full load:	93.3-93.3 %
Motor efficiency at 3/4 load:	93.6-93.6 %
Motor efficiency at 1/2 load:	93.4-93.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	81U15332
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	387 kg
Gross weight:	461 kg
Shipping volume:	1.14 m ³
Sales region:	United Arab Emirates
Thrust handling device:	N
Approvals:	CE, EAC, ACS, WRAS

99179655 CR 155-2 A-F-A-E-HQBE 50 Hz



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