
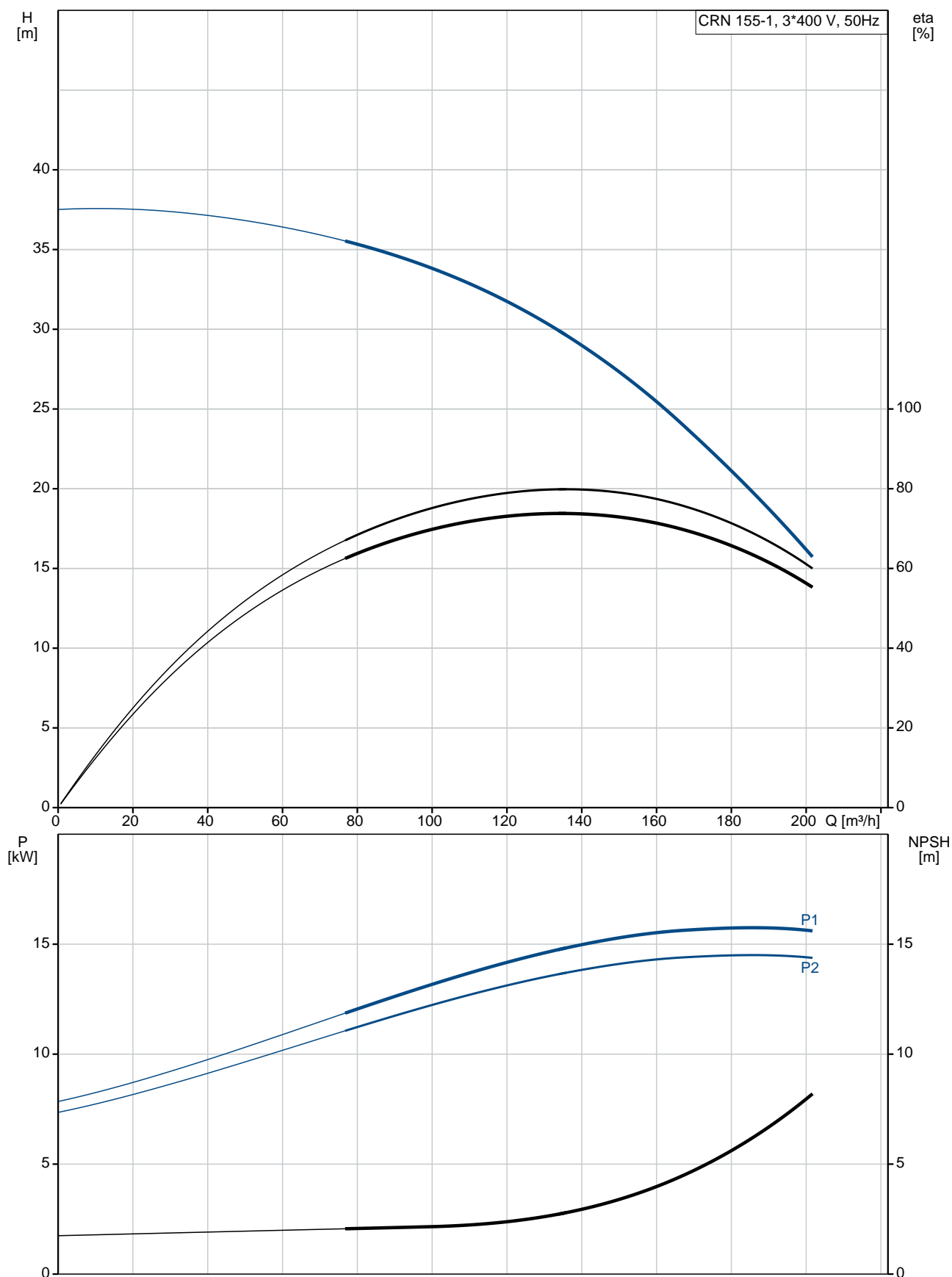


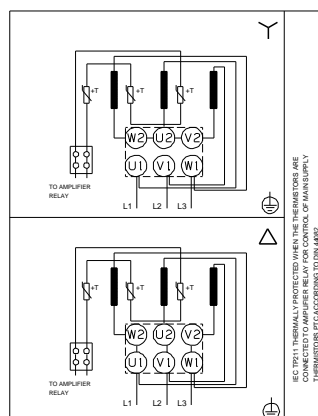
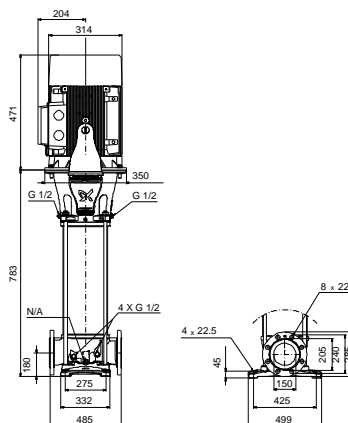
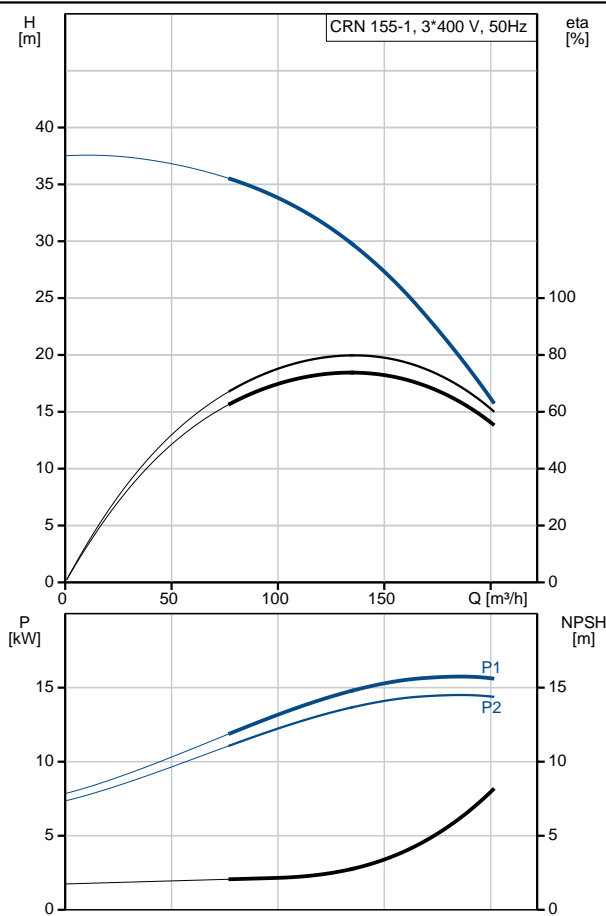
Qty.	Description
1	<p>CRN 155-1 A-F-A-E-HQQE</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: 99143270</p> <p>Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless 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: -40 .. 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³</p> <p>Technical: Pump speed on which pump data are based: 2957 rpm Rated flow: 155 m³/h Rated head: 26.5 m Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Curve tolerance: ISO9906:2012 3B</p> <p>Materials: Base: Stainless steel EN 1.4408 Impeller: Stainless steel EN 1.4401 Bearing: WC/WC Support bearing: Graflon Material certified according to: European standards</p> <p>Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 120 °C Type of connection: DIN</p>

Qty.	Description
	<p>Size of inlet connection: DN 150</p> <p>Size of outlet connection: DN 150</p> <p>Pressure rating for pipe connection: PN 16</p> <p>Flange size for motor: FF300</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 160MD</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 15 kW</p> <p>Power (P2) required by pump: 15 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415D/660-690Y V</p> <p>Rated current: 28,0-26,0/16,2-15,6 A</p> <p>Starting current: 660-780 %</p> <p>Cos phi - power factor: 0.89-0.87</p> <p>Rated speed: 2930-2950 rpm</p> <p>Efficiency: IE3 91,9%</p> <p>Motor efficiency at full load: 91.9-91.9 %</p> <p>Motor efficiency at 3/4 load: 92.4 %</p> <p>Motor efficiency at 1/2 load: 92.4 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Others:</p> <p>Net weight: 245 kg</p> <p>Gross weight: 321 kg</p> <p>Shipping volume: 1.14 m³</p> <p>Thrust handling device: N</p> <p>Approvals: CE, EAC, ACS, WRAS</p> <p>Country of origin: DK</p> <p>Custom tariff no.: 84137075</p>

99143270 CRN 155-1 A-F-A-E-HQQE 50 Hz



Description	Value
General information:	
Product name:	CRN 155-1 A-F-A-E-HQQE
Product No:	99143270
EAN number:	5712607553050
Price:	8.077,00 GBP
Technical:	
Pump speed on which pump data are based:	2957 rpm
Rated flow:	155 m³/h
Rated head:	26.5 m
Head max:	37.3 m
Stages:	1
Impellers:	1
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Cooling:	IC 411
Materials:	
Base:	Stainless steel EN 1.4408
Impeller:	Stainless steel EN 1.4401
Material code:	A
Code for rubber:	E
Bearing:	WC/WC
Support bearing:	Graffon
Material certified according to:	European standards
Installation:	
Maximum ambient temperature:	60 °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:	FF300
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-40 .. 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	160MD
IE Efficiency class:	IE3
Rated power - P2:	15 kW
Power (P2) required by pump:	15 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	28,0-26,0/16,2-15,6 A
Starting current:	660-780 %
Cos phi - power factor:	0.89-0.87





Company name:

Created by:

Phone:

Date:

12/03/2019

Description	Value
Rated speed:	2930-2950 rpm
Efficiency:	IE3 91,9%
Motor efficiency at full load:	91.9-91.9 %
Motor efficiency at 3/4 load:	92.4 %
Motor efficiency at 1/2 load:	92.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U17526
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	245 kg
Gross weight:	321 kg
Shipping volume:	1.14 m ³
Thrust handling device:	N
Approvals:	CE, EAC, ACS, WRAS
Country of origin:	DK
Custom tariff no.:	84137075

99143270 CRN 155-1 A-F-A-E-HQQE 50 Hz

