

## Qty. Description

1 CRN 10-4 A-FGJ-A-E-HQQE



Note! Product picture may differ from actual product

Product No.: [96501059](#)

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. A 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 combined DIN-ANSI-JIS flanges.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

### Liquid:

Pumped liquid: Water  
Liquid temperature range: -20 .. 120 °C  
Selected liquid temperature: 20 °C  
Density: 998.2 kg/m<sup>3</sup>

### Technical:

Pump speed on which pump data are based: 2896 rpm  
Rated flow: 10 m<sup>3</sup>/h  
Rated head: 31.9 m  
Pump orientation: Vertical  
Shaft seal arrangement: Single  
Code for shaft seal: HQQE  
Approvals: CE,EAC,UKCA,SEPRO  
Approvals for drinking water: WRAS,ACS  
Curve tolerance: ISO9906:2012 3B

### Materials:

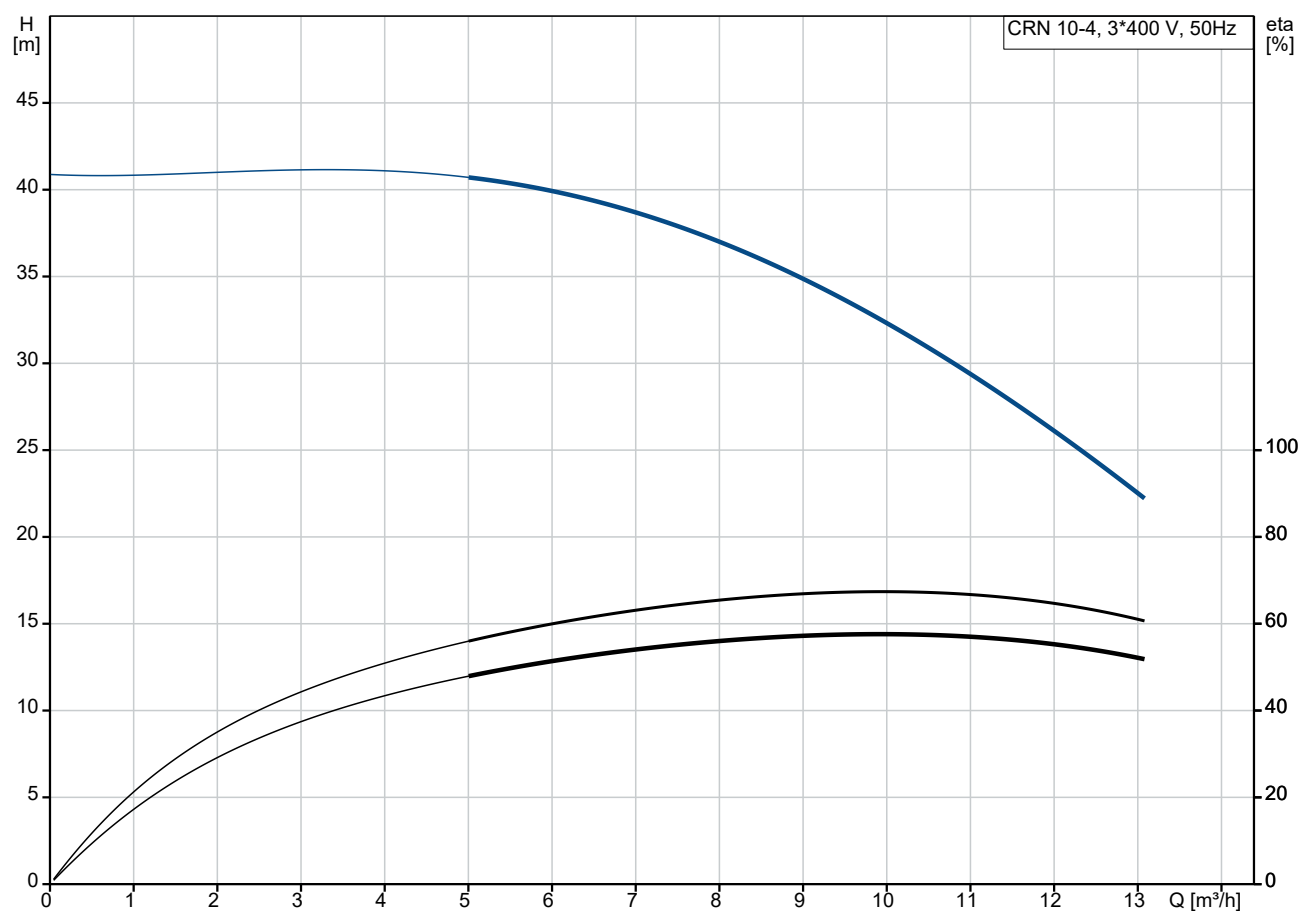
Base: Stainless steel  
EN 1.4408  
AISI 316  
Impeller: Stainless steel  
EN 1.4401  
AISI 316  
Bearing: SIC

### Installation:

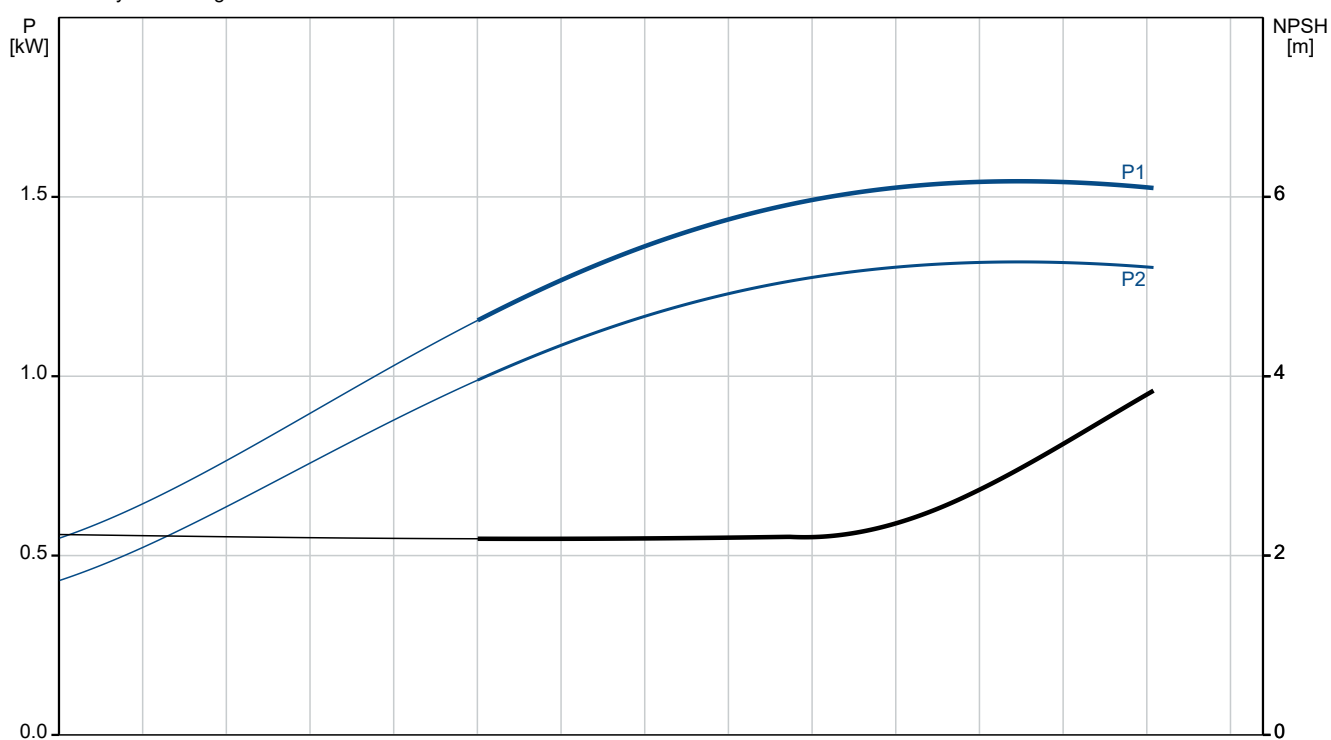
Maximum ambient temperature: 60 °C  
Maximum operating pressure: 25 bar  
Max pressure at stated temp: 25 bar / 120 °C  
25 bar / -20 °C  
Type of connection: DIN / ANSI / JIS  
Size of inlet connection: DN 40  
Size of outlet connection: DN 40  
Pressure rating for connection: PN 25  
Flange rating inlet: 300 lb  
Flange size for motor: FT115

Qty.	Description
1	<p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 90SD</p> <p>Rated power - P2: 1.5 kW</p> <p>Power (P2) required by pump: 1.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 5.70/3.30 A</p> <p>Starting current: 750-820 %</p> <p>Cos phi - power factor: 0.84-0.78</p> <p>Rated speed: 2890-2910 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 84.2 %</p> <p>Motor efficiency at 3/4 load: 86.4-84.9 %</p> <p>Motor efficiency at 1/2 load: 86.0-83.0 %</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>Motor No: 85U01906</p> <p>Controls:</p> <p>Frequency converter: None</p> <p>Others:</p> <p>Terminal box position: 6</p> <p>Minimum efficiency index, MEI ≥: 0.70</p> <p>Net weight: 45 kg</p> <p>Gross weight: 49 kg</p> <p>Shipping volume: 0.094 m<sup>3</sup></p> <p>Finnish LVI No.: 4925609</p>

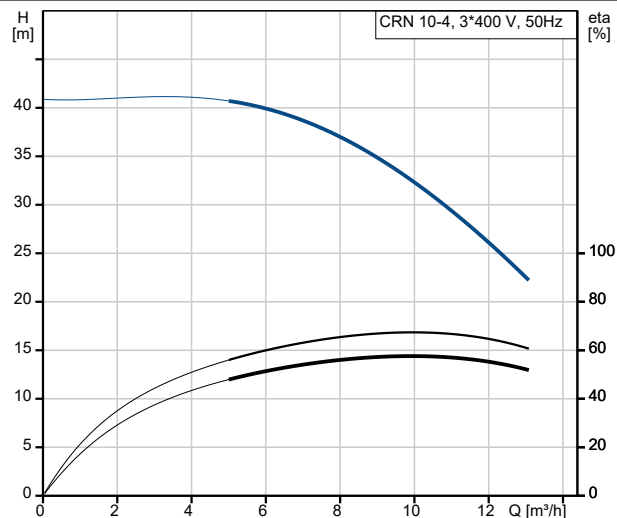
## 96501059 CRN 10-4 A-FGJ-A-E-HQQE 50 Hz



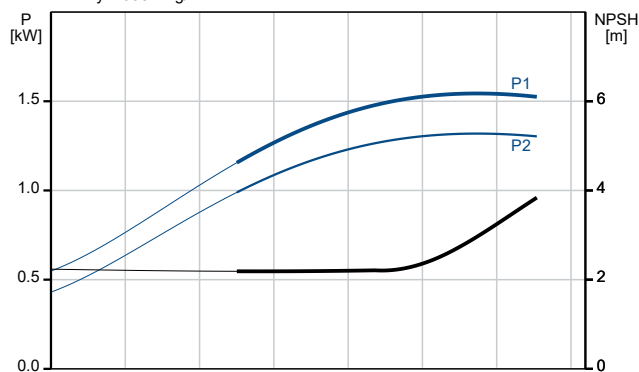
Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



Description	Value
<b>General information:</b>	
Product name:	CRN 10-4 A-FGJ-A-E-HQQE
Product No:	96501059
EAN number:	5700396214535
<b>Technical:</b>	
Pump speed on which pump data are based:	2896 rpm
Rated flow:	10 m³/h
Rated head:	31.9 m
Maximum head:	40.8 m
Stages:	4
Impellers:	4
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Base:	Stainless steel
Base:	EN 1.4408
Base:	AISI 316
Impeller:	Stainless steel
Impeller:	EN 1.4401
Impeller:	AISI 316
Material code:	A
Code for rubber:	E
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 120 °C
Max pressure at stated temp:	25 bar / -20 °C
Type of connection:	DIN / ANSI / JIS
Size of inlet connection:	DN 40
Size of outlet connection:	DN 40
Pressure rating for connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	FT115
Connect code:	FGJ
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	90SD
Rated power - P2:	1.5 kW
Power (P2) required by pump:	1.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	5.70/3.30 A



Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³





Company name:

Created by:

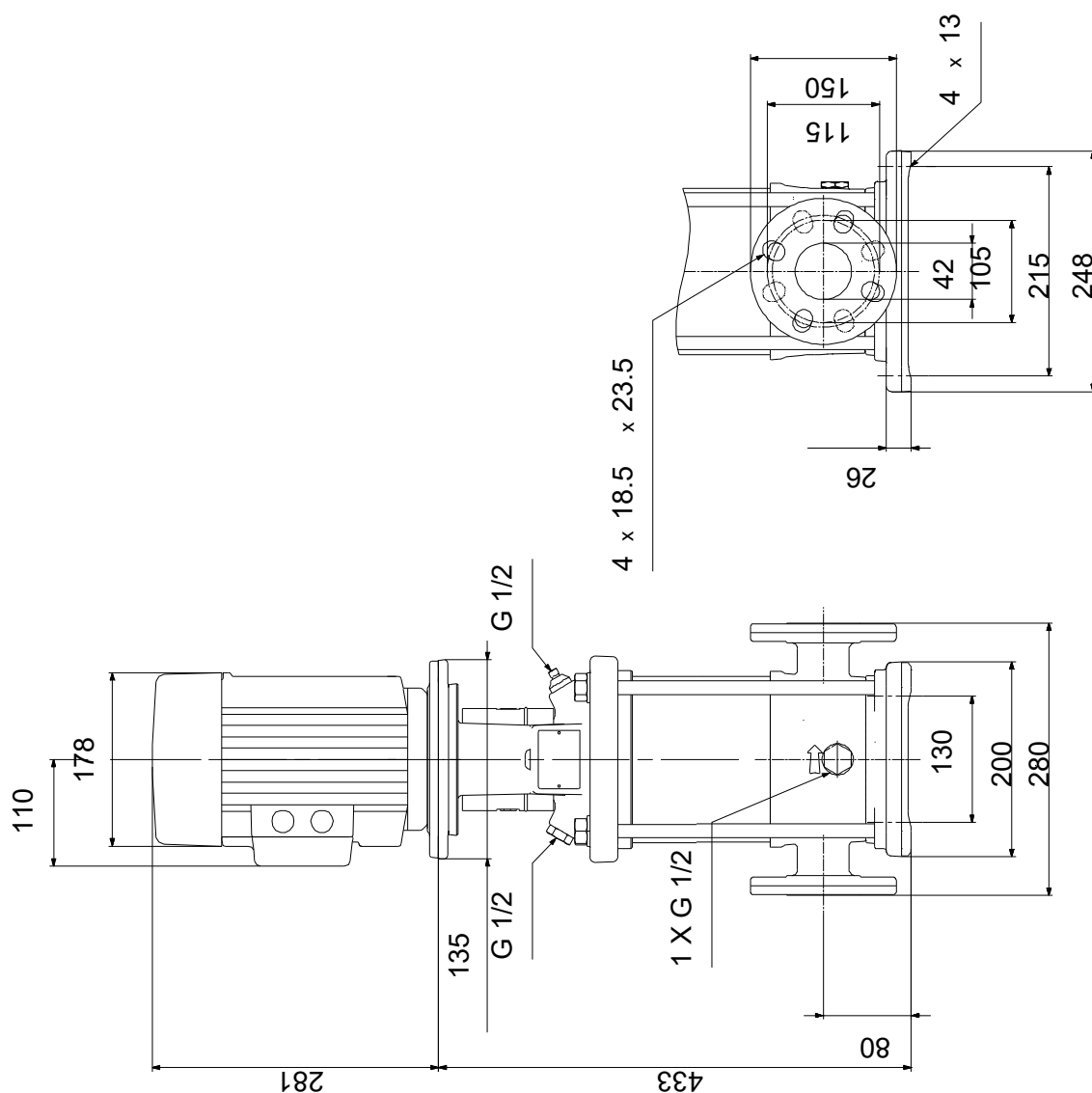
Phone:

Date:

13/07/2024

Description	Value
Starting current:	750-820 %
Cos phi - power factor:	0.84-0.78
Rated speed:	2890-2910 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	84.2 %
Motor efficiency at 3/4 load:	86.4-84.9 %
Motor efficiency at 1/2 load:	86.0-83.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	85U01906
<b>Controls:</b>	
Frequency converter:	None
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	45 kg
Gross weight:	49 kg
Shipping volume:	0.094 m³
Finnish LVI No.:	4925609

## 96501059 CRN 10-4 A-FGJ-A-E-HQQE 50 Hz



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

Disclaimer: This simplified dimensional drawing does not show all details.