

## Qty. Description

1 CRN 3-15 A-P-A-V-HQBV



Note! Product picture may differ from actual product

Product No.: [97843788](#)

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 PJE (Victaulic®) couplings.

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

### Liquid:

Pumped liquid: Water  
Liquid temperature range: 0 .. 90 °C  
Selected liquid temperature: 20 °C  
Density: 998.2 kg/m<sup>3</sup>

### Technical:

Pump speed on which pump data are based: 2853 rpm  
Rated flow: 3 m<sup>3</sup>/h  
Rated head: 69.7 m  
Pump orientation: Vertical  
Shaft seal arrangement: Single  
Code for shaft seal: HQBV  
Approvals: CE,EAC,UKCA,SEPRO  
Approvals for drinking water: WRAS  
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 / 90 °C  
25 bar / 0 °C

Type of connection: PJE  
Size of inlet connection: DN 32  
Size of outlet connection: DN 32  
Pressure rating for connection: PN 50  
Flange size for motor: FT100

### Electrical data:



Company name:

Created by:

Phone:

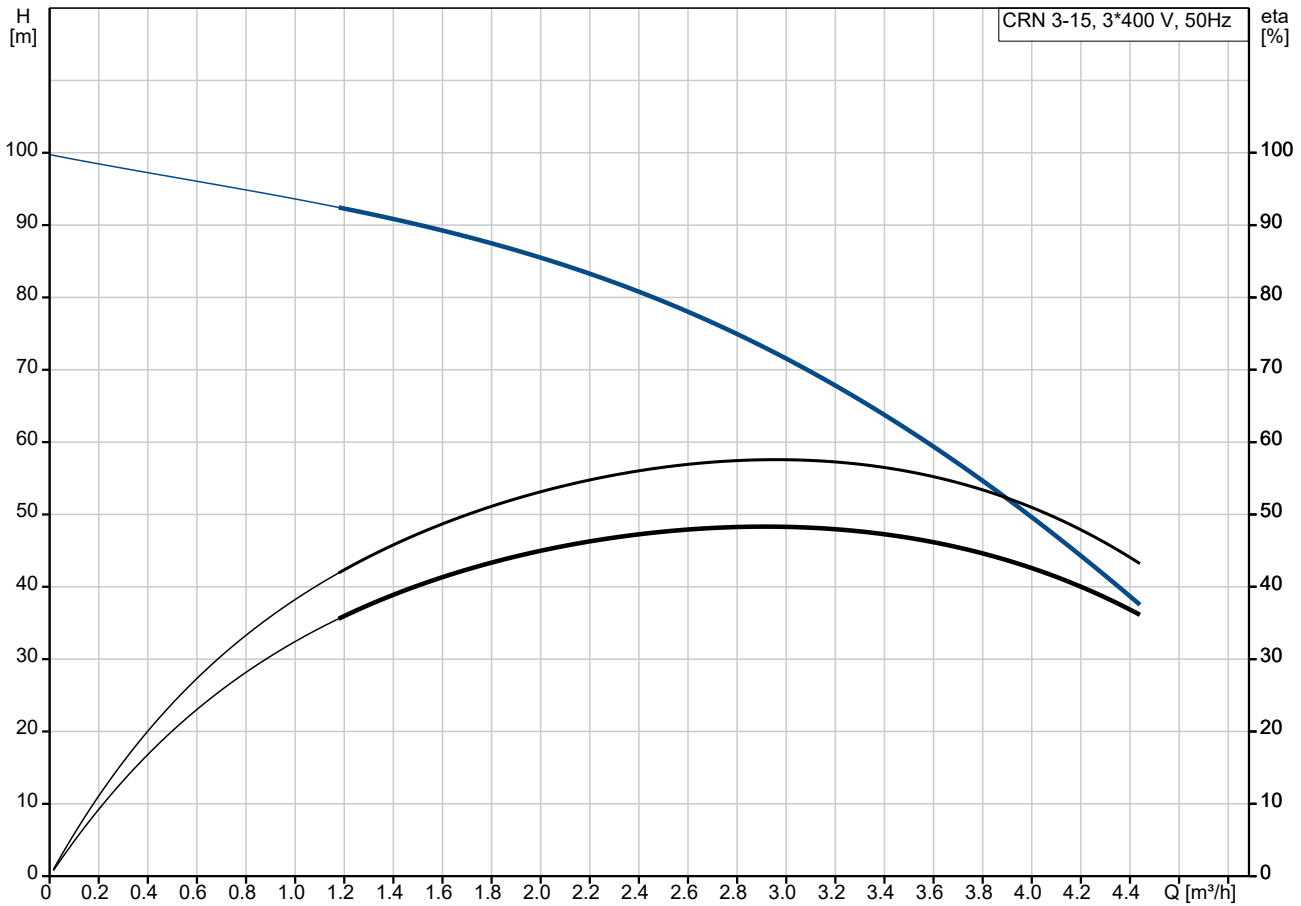
Date:

13/07/2024

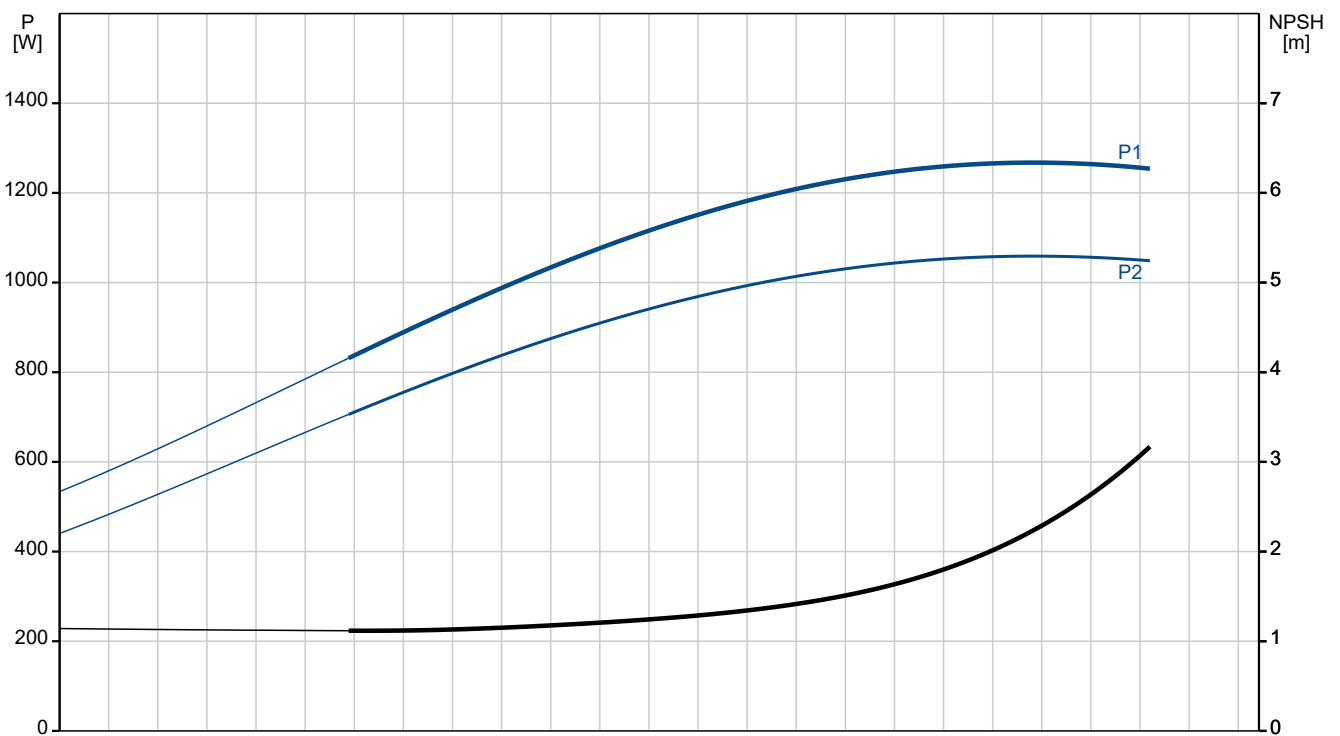
Qty.	Description
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1	Motor standard: IEC
	Motor type: 80C
	Rated power - P2: 1.1 kW
	Power (P2) required by pump: 1.1 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 220-240D/380-415Y V
	Rated current: 4.35/2.50 A
	Starting current: 450-500 %
	Cos phi - power factor: 0.83-0.76
	Rated speed: 2840-2870 rpm
	IE Efficiency class: IE3
	Motor efficiency at full load: 82.7 %
	Motor efficiency at 3/4 load: 84.6-84.0 %
	Motor efficiency at 1/2 load: 85.4-82.8 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85U05105
	Controls:
	Frequency converter: None
	Others:
	Terminal box position: 6
	Minimum efficiency index, MEI ≥: 0.70
	Net weight: 26.5 kg
	Gross weight: 30.5 kg
	Shipping volume: 0.092 m³

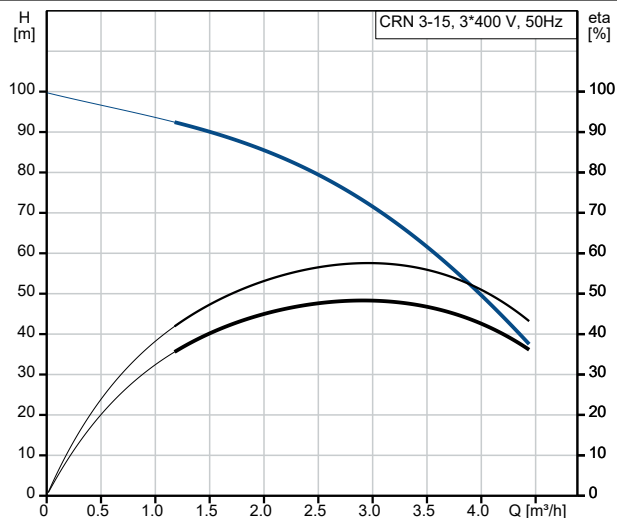
## 97843788 CRN 3-15 A-P-A-V-HQBV 50 Hz



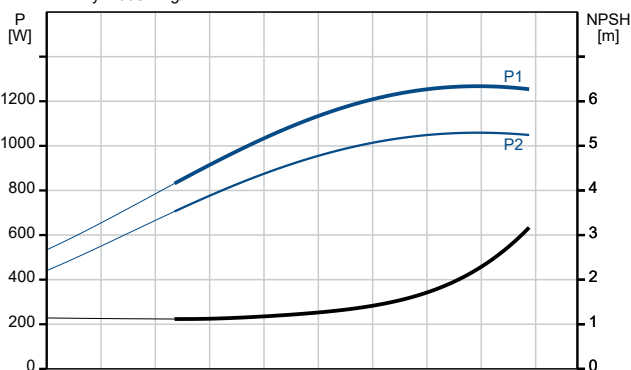
Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³



Description	Value
<b>General information:</b>	
Product name:	CRN 3-15 A-P-A-V-HQBV
Product No:	97843788
EAN number:	5710625658337
<b>Technical:</b>	
Pump speed on which pump data are based:	2853 rpm
Rated flow:	3 m³/h
Rated head:	69.7 m
Maximum head:	98.2 m
Stages:	15
Impellers:	15
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQBV
Approvals:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	WRAS
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:	V
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °C
Max pressure at stated temp:	25 bar / 0 °C
Type of connection:	PJE
Size of inlet connection:	DN 32
Size of outlet connection:	DN 32
Pressure rating for connection:	PN 50
Flange size for motor:	FT100
Connect code:	P
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	0 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	80C
Rated power - P2:	1.1 kW
Power (P2) required by pump:	1.1 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	4.35/2.50 A



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





Company name:

Created by:

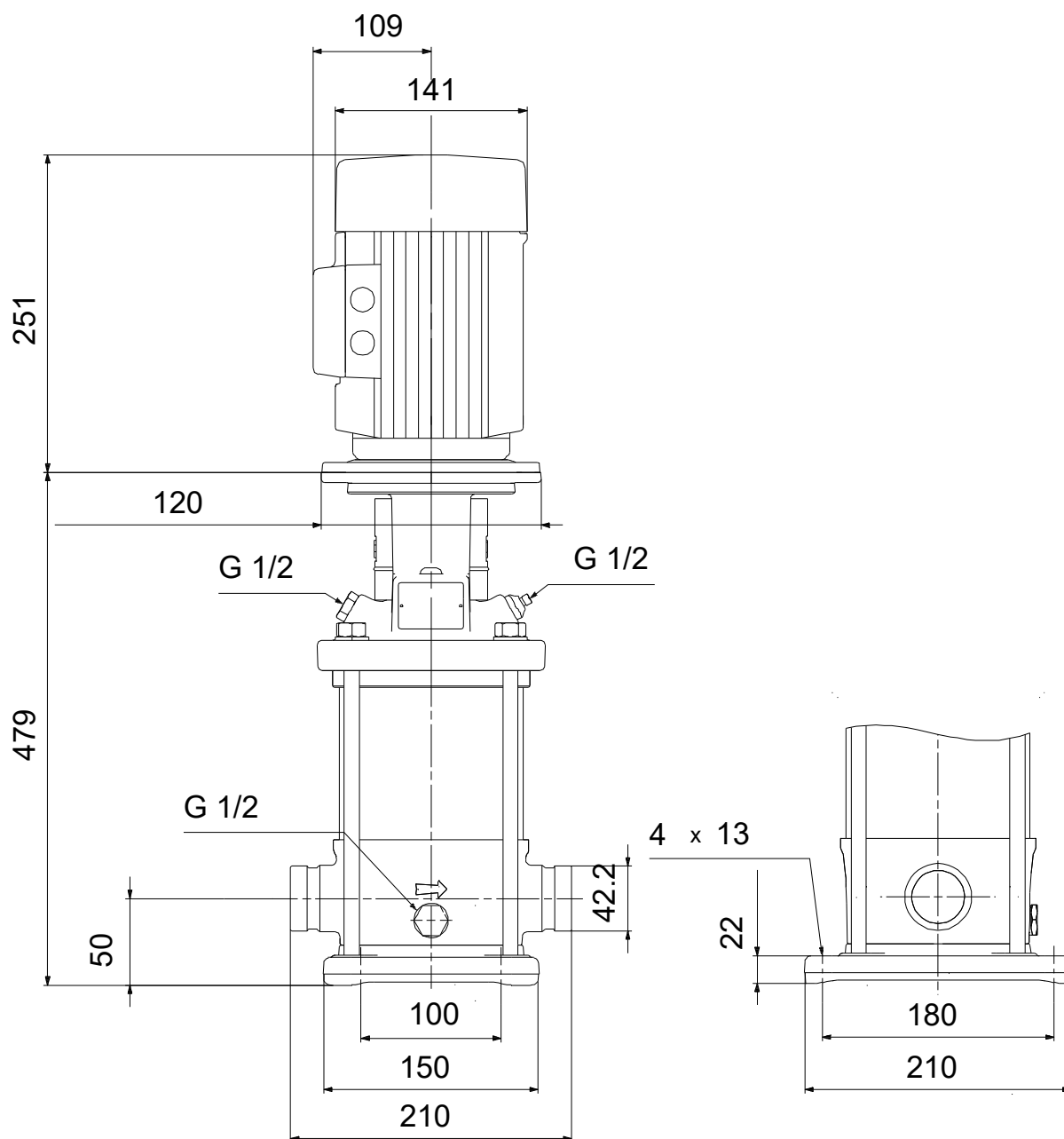
Phone:

Date:

13/07/2024

Description	Value
Starting current:	450-500 %
Cos phi - power factor:	0.83-0.76
Rated speed:	2840-2870 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	82.7 %
Motor efficiency at 3/4 load:	84.6-84.0 %
Motor efficiency at 1/2 load:	85.4-82.8 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	85U05105
<b>Controls:</b>	
Frequency converter:	None
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	26.5 kg
Gross weight:	30.5 kg
Shipping volume:	0.092 m³
Sales region:	United Arab Emirates

## 97843788 CRN 3-15 A-P-A-V-HQBV 50 Hz



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

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