

Qty.	Description
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1	CRN 3-29 A-FGJ-A-V-HQBV
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Note! Product picture may differ from actual product

Product No.: [97843751](#)

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:	0 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³

Technical:

Pump speed on which pump data are based:	2899 rpm
Rated flow:	3 m³/h
Rated head:	140 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:	DIN / ANSI / JIS
Size of inlet connection:	DN 25/32
Size of outlet connection:	DN 25/32
Pressure rating for connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	FT115



Company name:

Created by:

Phone:

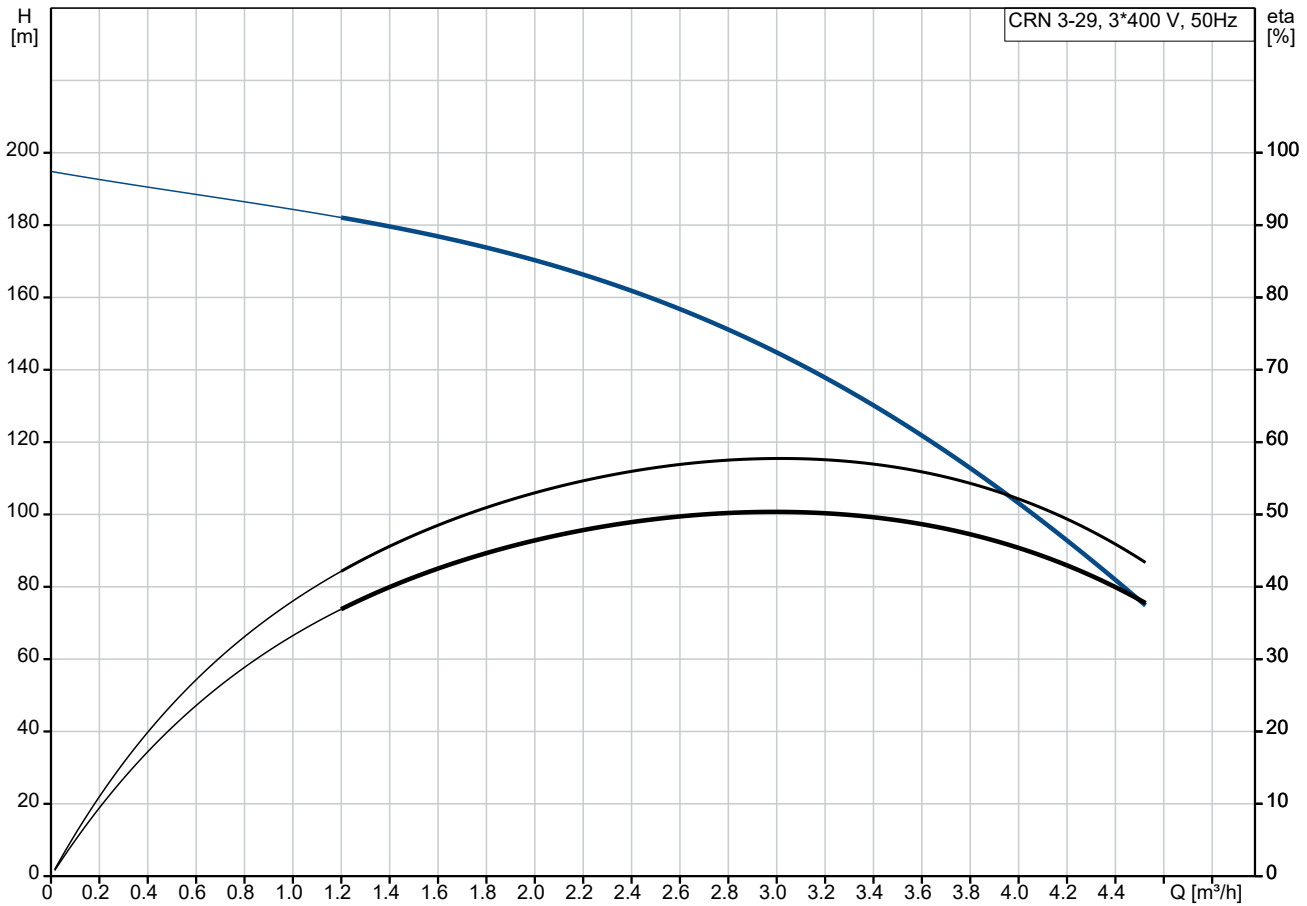
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13/07/2024

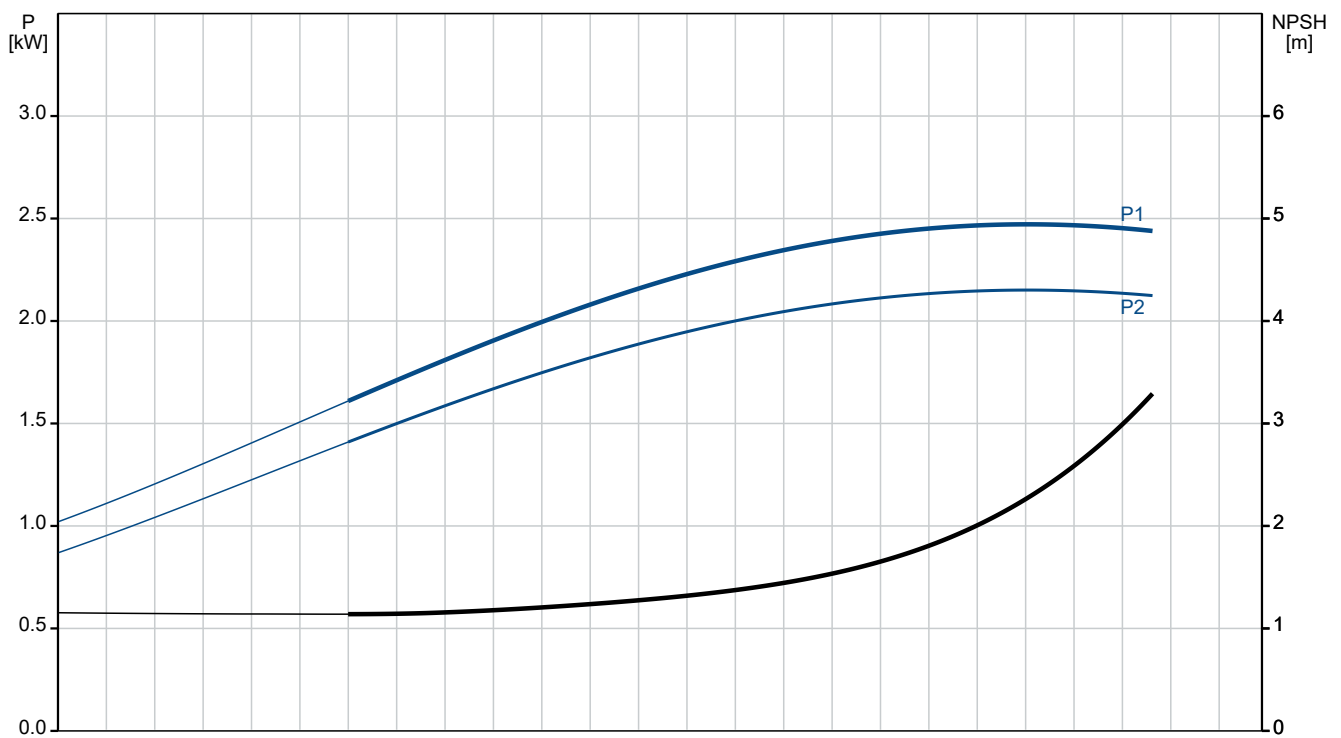
Qty.	Description
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1	Electrical data:
	Motor standard: IEC
	Motor type: 90LE
	Rated power - P2: 2.2 kW
	Power (P2) required by pump: 2.2 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 220-240D/380-415Y V
	Rated current: 8.00/4.60 A
	Starting current: 840-920 %
	Cos phi - power factor: 0.86-0.80
	Rated speed: 2890-2910 rpm
	IE Efficiency class: IE3
	Motor efficiency at full load: 85.9 %
	Motor efficiency at 3/4 load: 88.2-87.2 %
	Motor efficiency at 1/2 load: 88.0-85.5 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85U01908
	Controls:
	Frequency converter: None
	Others:
	Terminal box position: 6
	Minimum efficiency index, MEI ≥: 0.70
	Net weight: 46.1 kg
	Gross weight: 51.4 kg
	Shipping volume: 0.133 m³

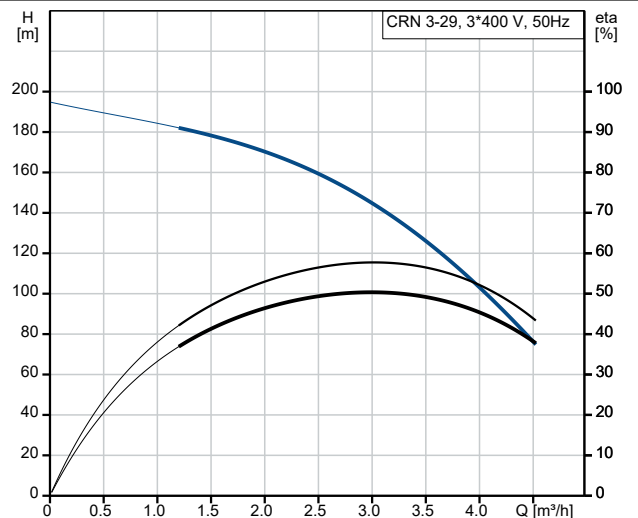
## 97843751 CRN 3-29 A-FGJ-A-V-HQBV 50 Hz



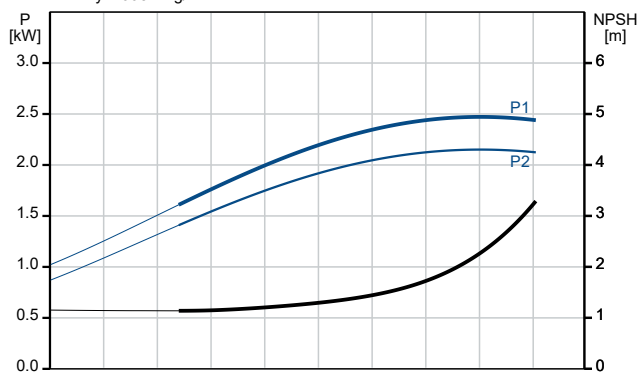
Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



Description	Value
<b>General information:</b>	
Product name:	CRN 3-29 A-FGJ-A-V-HQBV
Product No:	97843751
EAN number:	5710625655374
<b>Technical:</b>	
Pump speed on which pump data are based:	2899 rpm
Rated flow:	3 m³/h
Rated head:	140 m
Maximum head:	192 m
Stages:	29
Impellers:	29
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:	DIN / ANSI / JIS
Size of inlet connection:	DN 25/32
Size of outlet connection:	DN 25/32
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:	0 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	90LE
Rated power - P2:	2.2 kW
Power (P2) required by pump:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	8.00/4.60 A



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





Company name:

Created by:

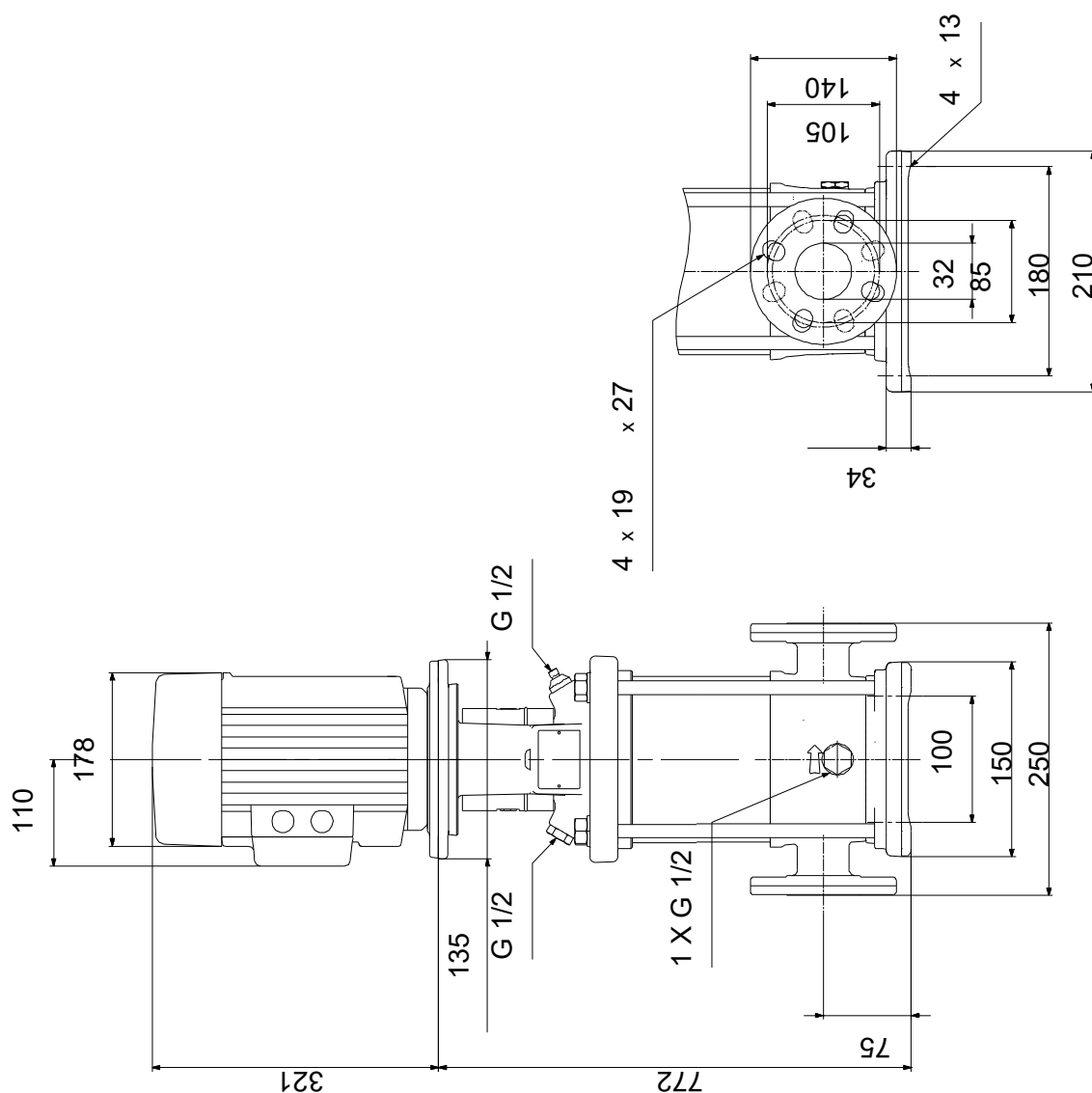
Phone:

Date:

13/07/2024

Description	Value
Starting current:	840-920 %
Cos phi - power factor:	0.86-0.80
Rated speed:	2890-2910 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	85.9 %
Motor efficiency at 3/4 load:	88.2-87.2 %
Motor efficiency at 1/2 load:	88.0-85.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	85U01908
<b>Controls:</b>	
Frequency converter:	None
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	46.1 kg
Gross weight:	51.4 kg
Shipping volume:	0.133 m <sup>3</sup>
Sales region:	United Arab Emirates

## 97843751 CRN 3-29 A-FGJ-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.