

Qty. Description

1 CRN 3-29 A-FGJ-A-E-HQQE



Note! Product picture may differ from actual product

Product No.: [96516845](#)

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/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: HQQE
Approvals: CE,EAC,UKCA,SEPRO
Approvals for drinking water: WRAS,ACS
Curve tolerance: ISO9906:2012 3B

Materials:

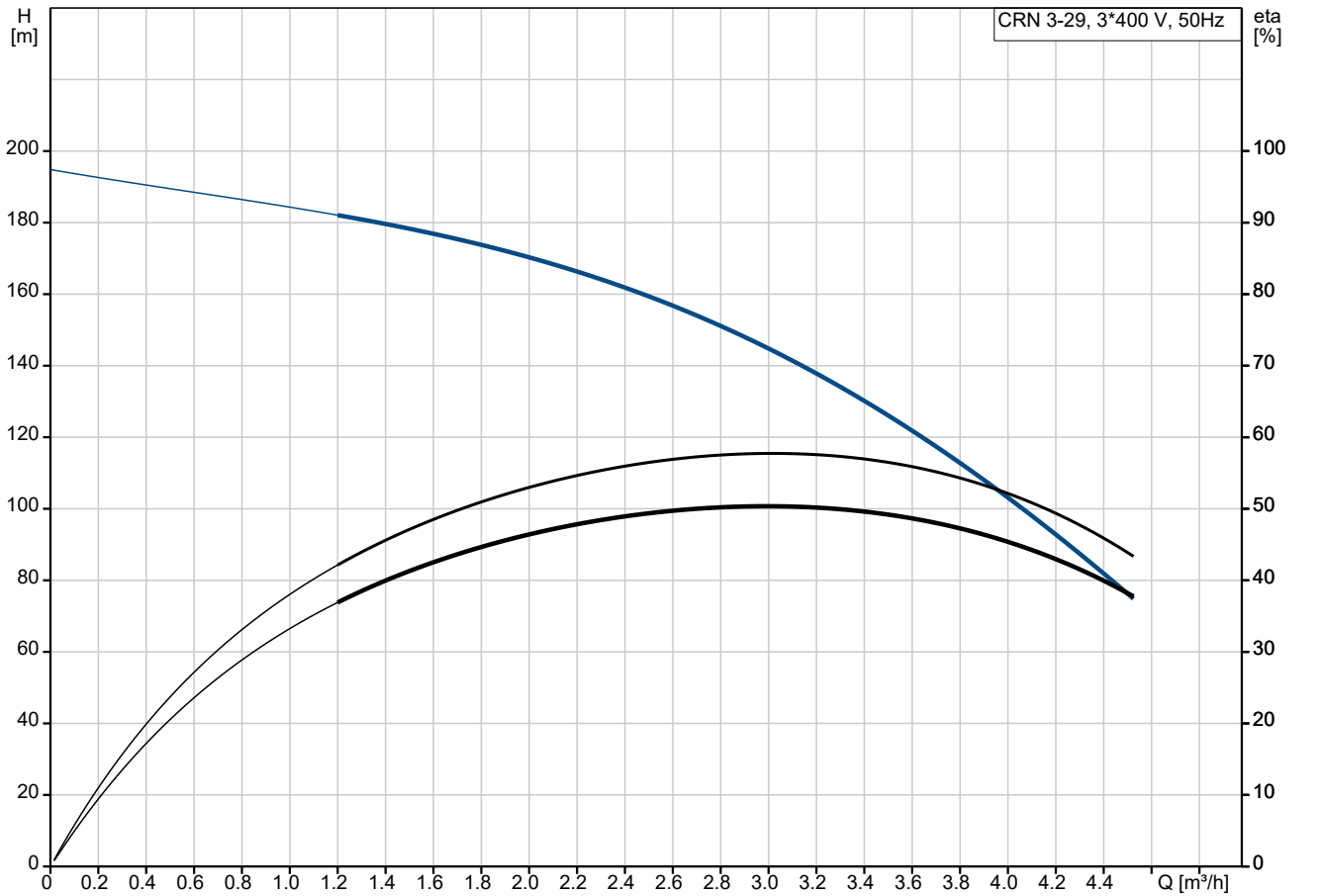
Base: Stainless steel
EN 1.4408
AISI 316
Impeller: Stainless steel
EN 1.4401
AISI 316
Bearing: SIC

Installation:

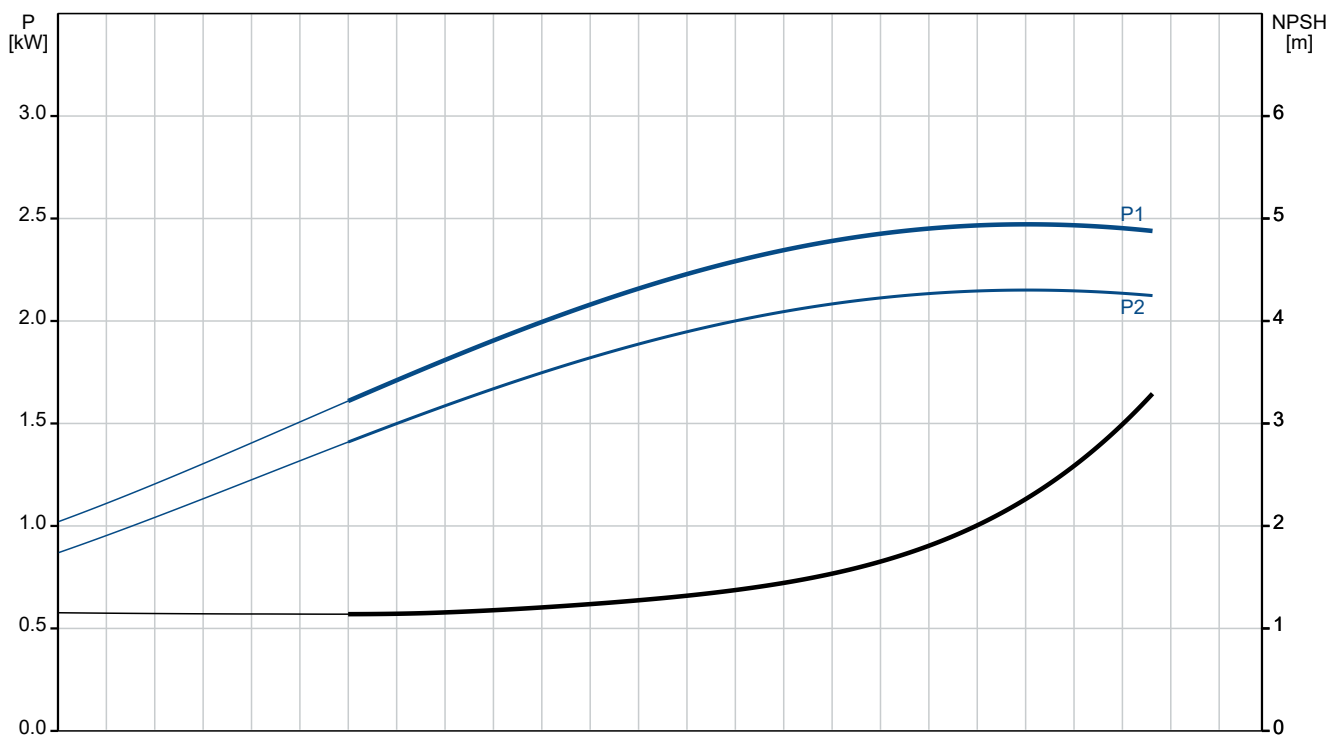
Maximum ambient temperature: 60 °C
Maximum operating pressure: 25 bar
Max pressure at stated temp: 25 bar / 120 °C
25 bar / -20 °C
Type of connection: DIN / ANSI / JIS
Size of inlet connection: DN 25/32
Size of outlet connection: DN 25/32
Pressure rating for connection: PN 25
Flange rating inlet: 300 lb
Flange size for motor: FT115

Qty.	Description
1	<p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 90LE</p> <p>Rated power - P2: 2.2 kW</p> <p>Power (P2) required by pump: 2.2 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 8.00/4.60 A</p> <p>Starting current: 840-920 %</p> <p>Cos phi - power factor: 0.86-0.80</p> <p>Rated speed: 2890-2910 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 85.9 %</p> <p>Motor efficiency at 3/4 load: 88.2-87.2 %</p> <p>Motor efficiency at 1/2 load: 88.0-85.5 %</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: 85U01908</p> <p>Controls:</p> <p>Frequency converter: None</p> <p>Others:</p> <p>Terminal box position: 6</p> <p>Minimum efficiency index, MEI \geq: 0.70</p> <p>Net weight: 46.1 kg</p> <p>Gross weight: 51.4 kg</p> <p>Shipping volume: 0.133 m³</p>

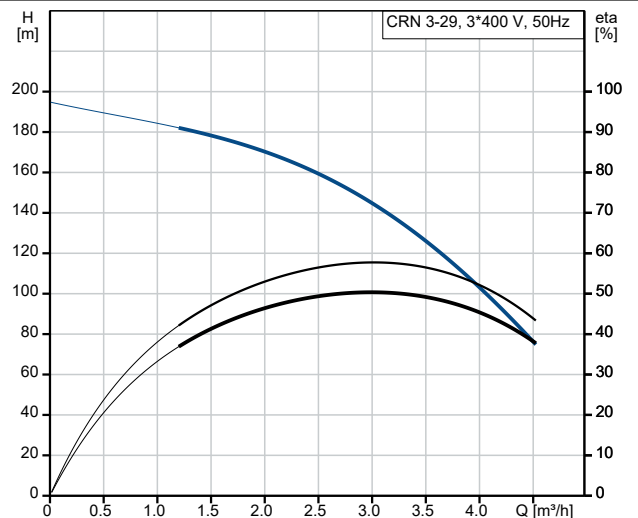
96516845 CRN 3-29 A-FGJ-A-E-HQQE 50 Hz



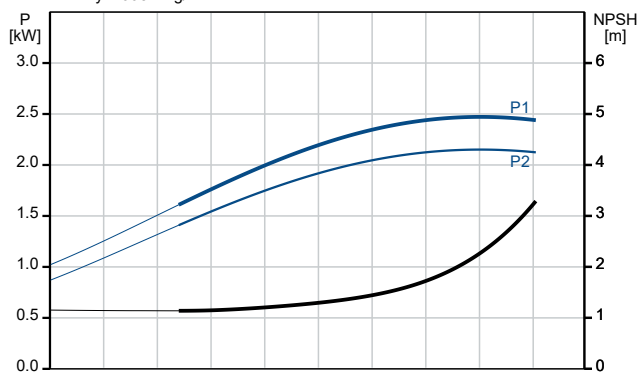
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CRN 3-29 A-FGJ-A-E-HQQE
Product No:	96516845
EAN number:	5700396750880
Technical:	
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:	HQQE
Approvals:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
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
Installation:	
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 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
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
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



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
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

