

### Submittal Data

PROJECT:		UNIT TAG:	QUANTITY:	
		TYPE OF SERVICE:	-	
REPRESENTATIVE:		SUBMITTED BY:	DATE:	
ENGINEER:		APPROVED BY:	DATE:	
CONTRACTOR:		ORDER NO.:	DATE:	

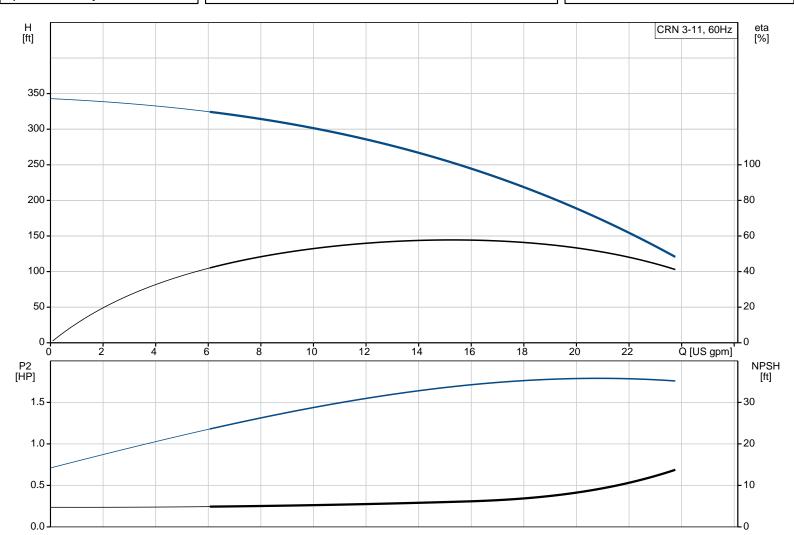


Product photo could vary from the actual product

### CRN 3-11 A-FGJ-A-V-HQQV

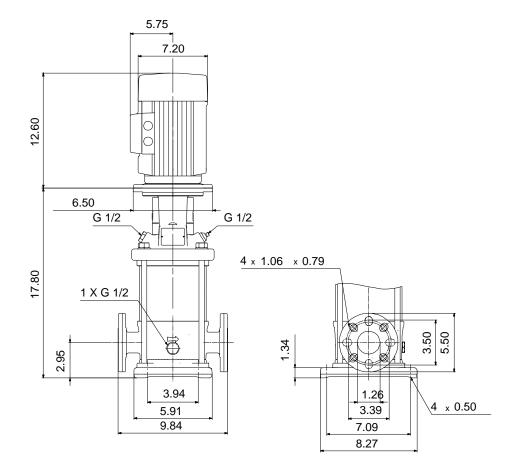
Vertical, multistage centrifugal pump with suction and discharge ports on same the level. Pump materials in contact with the liquid are in high-grade stainless steel (EN 1.4401) (AISI 316)

Conditions of Service		Pump Data		Motor Data	
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	Water 68 °F ft 1.000	Max pressure at stated temperature: Liquid temperature range: Maximum ambient temperature: Approvals: Shaft seal: Product number:	363 psi / 194 °F -4 194 °F 104 °F CURUS HQQV 96084027	Rated power - P2: Rated voltage: Main frequency: Insulation class: Motor protection: Motor type:	2 HP 115/208-230 V 60 Hz F NONE Baldor



# **GRUNDFOS**

### Submittal Data



Materials: Base:

Impeller:

Stainless steel EN 1.4408 AISI 316 Stainless steel AISI 316 EN 1.4401 A

Material code: A Code for rubber: V



Date:

5/22/2019

#### Count | Description

1 CRN 3-11 A-FGJ-A-V-HQQV



Product photo could vary from the actual product

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DIN / ANSI / JIS

Product No.: 96084027 Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.

The pump has the following characteristics: - Impellers, intermediate chambers and outer

- Impellers, intermediate chambers and outer sleeve are made of
  - Pump head cover and base are made of
  - The shaft seal has assembly length

according to EN 12756.

- Power transmission is via cast iron split coupling.

flanges/couplings.

The motor is a 1-phase AC motor.

#### Controls:

Frequency converter:

NONE

Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-4 194 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft <sup>3</sup>

#### Technical:

roominoun.	
Rated pump speed:	3499 rpm
Rated flow:	15.4 US gpm
Rated head:	251.7 ft
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	CURUS
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:	404 %
Maximum ambient temperature:	
Maximum operating pressure:	
Max pressure at stated temperat	•
	363 psi /  -4 °F

Type of connection:



Count | Description

Date:

5/22/2019

Size of inlet connection:	DN 25/32
Size of suction port:	1 1/4 inch
Size of outlet connection:	DN 25/32
Size of outlet port:	1 1/4 inch
Pressure rating for pipe connect	ion: PN 25
Flange rating inlet:	300 lb
Flange size for motor:	56C
Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Service factor: Rated current: Rated current: Rated speed: Number of poles: Insulation class (IEC 85): Motor Number:	NEMA Baldor 2 HP 2 HP 60 Hz 1 x 115/208-230 V 1.15 23,0/12,7-11,5 A 3450 rpm 2 F 84Z04010

#### Others:

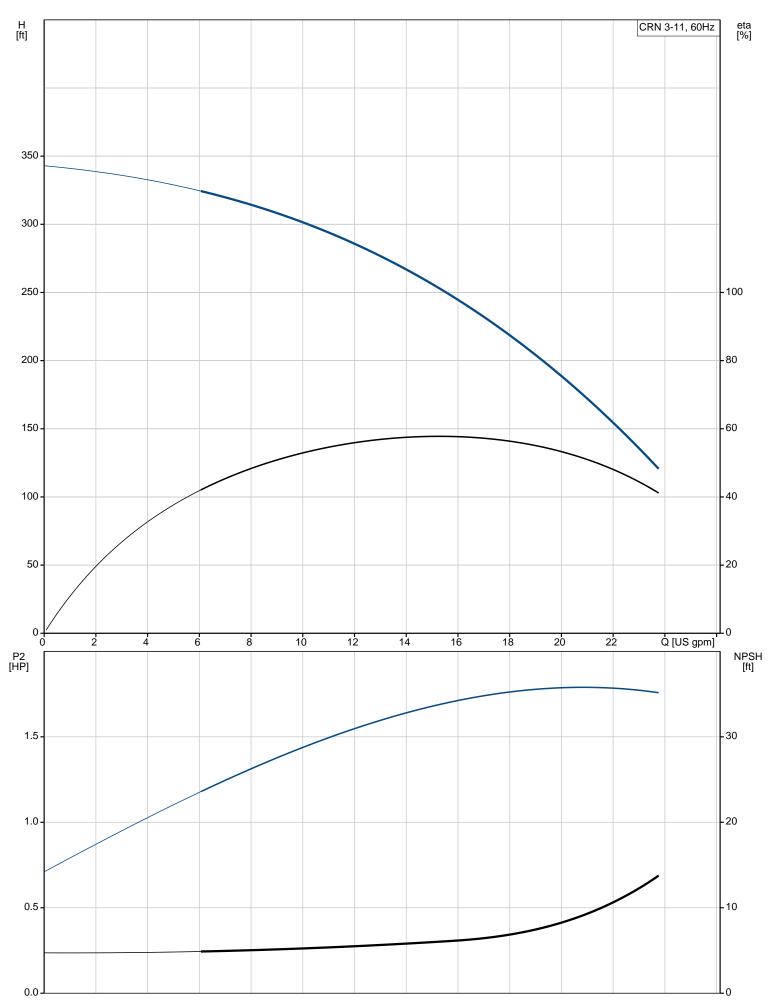
Net weight:	91.3 lb
Gross weight:	106 lb
Shipping volume:	8.26 ft <sup>3</sup>
Country of origin:	US
Custom tariff no .:	8413.70.2040



Date:

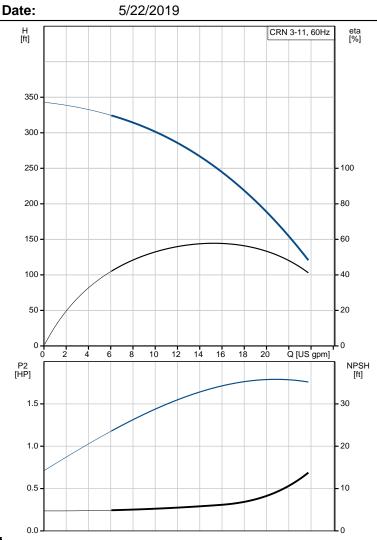
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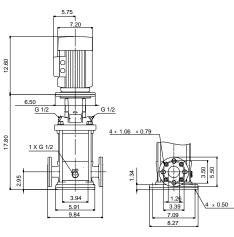
### 96084027 CRN 3-11 A-FGJ-A-V-HQQV 60 Hz





		Date:
Description	Value	H [ft]
General information:		
Product name:	CRN 3-11 A-FGJ-A-V-HQQV	
Product No.:	96084027	
EAN:	5700395181555	350 -
Technical:		
Rated pump speed:	3499 rpm	300 -
Rated flow:	15.4 US gpm	
Rated head:	251.7 ft	250 -
Head max:	342.9 ft 11	
Stages: Impellers:	11	200 -
Number of reduced-diameter impellers:	0	
Low NPSH:	N	—
Pump orientation:	Vertical	150 -
Shaft seal arrangement:	Single	
Code for shaft seal:	HQQV	100 -
Approvals on nameplate:	CURUS	
Curve tolerance:	ISO9906:2012 3B	50 -
Pump version:	A	
Model:	A	
Cooling:	TEFC	o
Materials:		P2 [HP]
Base:	Stainless steel	
	EN 1.4408	1.5 -
	AISI 316	
Impeller:	Stainless steel	
	EN 1.4401	1.0 -
	AISI 316	_ /
Material code:	A	0.5 -
Code for rubber:	V	0.0
Bearing:	SIC	
Installation:	104 °F	0.0
Maximum ambient temperature:	104 °F	
Maximum operating pressure: Max pressure at stated temperature:	362.59 psi 363 psi / 194 °F	
Max pressure at stated temperature.	363 psi / -4 °F	
Type of connection:	DIN / ANSI / JIS	
Size of inlet connection:	DN 25/32	12.60
Size of suction port:	1 1/4 inch	
Size of outlet connection:	DN 25/32	
Size of outlet port:	1 1/4 inch	
Pressure rating for pipe connection:	PN 25	
Flange rating inlet:	300 lb	17.80
Flange size for motor:	56C	
Connect code:	FGJ	
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	-4 194 °F	
Selected liquid temperature:	68 °F	
Density:	62.29 lb/ft <sup>3</sup>	
Electrical data:		L
Motor standard:	NEMA	— Н
Motor type:	Baldor	Ψ
Rated power - P2:	2 HP	
Power (P2) required by pump:	2 HP	
Main frequency:	60 Hz	_
Rated voltage: Service factor:	1 x 115/208-230 V 1.15	_
Rated current:		_
Load current:	23,0/12,7-11,5 A 25.4/12.7 A	_
Rated speed:	3450 rpm	
Number of poles:	2	
Insulation class (IEC 85):	F	- \
Motor protection:	NONE	$ \searrow$
Motor Number:	84Z04010	— (M
Controls:		— <u> </u> [1~
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Date:

5/22/2019

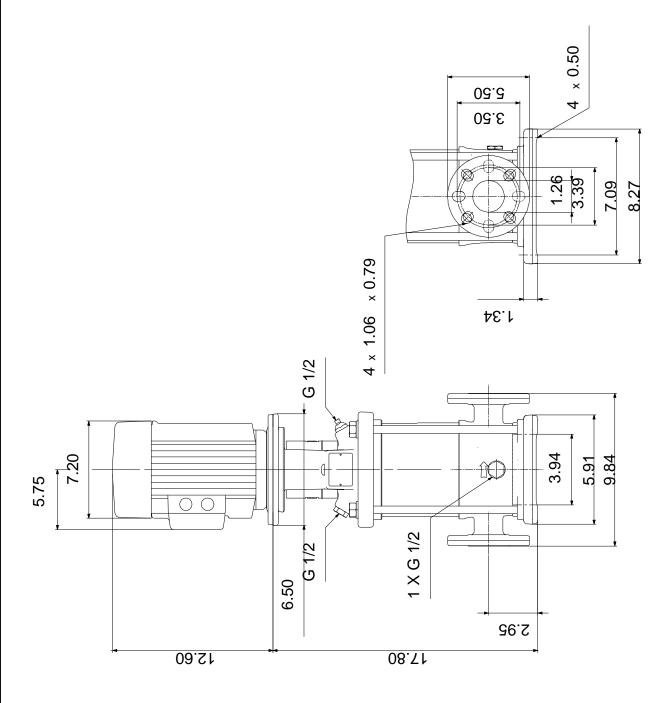
Description Value Frequency converter: NONE Others: Net weight: 91.3 lb Gross weight: 106 lb Shipping volume: 8.26 ft<sup>3</sup> Country of origin: US Custom tariff no .: 8413.70.2040



Date:

5/22/2019

### 96084027 CRN 3-11 A-FGJ-A-V-HQQV 60 Hz



Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



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## 96084027 CRN 3-11 A-FGJ-A-V-HQQV 60 Hz

