

Submittal Data

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

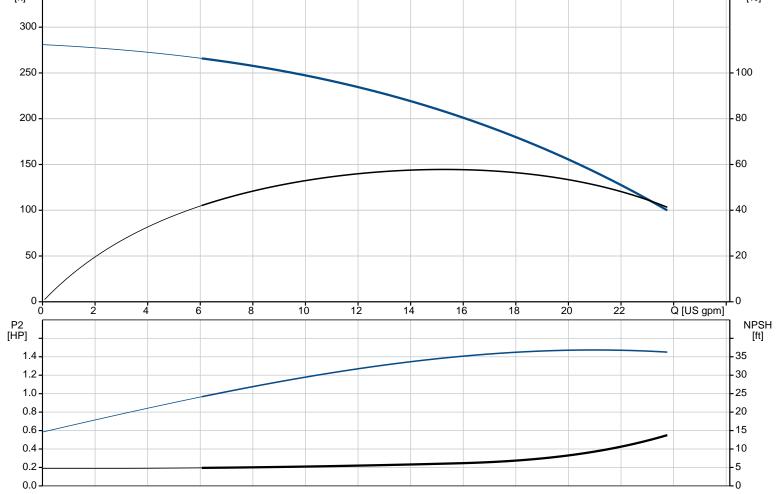


Product photo could vary from the actual product

CRN 3-9 A-FGJ-A-E-HQQE

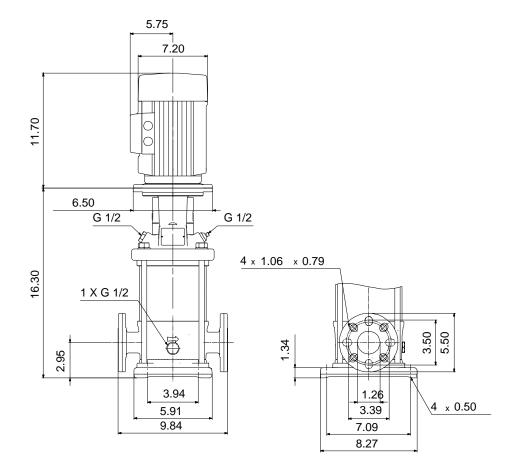
Vertical, multistage centrifugal pump with suction and discharge ports on same the level. Pump materials in contact with the liquid are in high-grade stainless steel (EN 1.4401) (AISI 316)

I					
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 / 250 °F -4 248 °F 104 °F CURUS,NSF61 HQQE 96083933	Rated power - P2: Rated voltage: Main frequency: Insulation class: Motor protection: Motor type:	1.5 HP 115/208-230 V 60 Hz B NONE Baldor
H [ft] 300 -				CRN	3-9, 60Hz eta [%]



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: E



Date:

5/21/2019

Count Description

> 1 **CRN 3-9 A-FGJ-A-E-HQQE**



Product photo could vary from the actual product

Product No.: 96083933 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

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

363 psi / -4 °F

DIN / ANSI / JIS

Water
-4 248 °F
68 °F
62.29 lb/ft ³

Technical:

Type of connection:

Rated pump speed: Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance:	3450 rpm 15.4 US gpm 206.7 ft Vertical Single HQQE CURUS,NSF61 ISO9906:2012 3B
Materials: Base:	Stainless steel
Impeller:	EN 1.4408 AISI 316 Stainless steel EN 1.4401
Bearing:	AISI 316 SIC
Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated tempera	362.59 psi



Count | Description

Date:

5/21/2019

Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connect	DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch
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 fraguency:	NEMA Baldor 1.5 HP 1.5 HP 60 Hz
Main frequency: Rated voltage:	1 x 115/208-230 V
Service factor:	1.30
Rated current: Rated speed: Number of poles: Insulation class (IEC 85):	17/9,50-8,60 A 3450 rpm 2 B

Others:

Motor Number:

Net weight:	82.6 lb
Gross weight:	93.6 lb
Shipping volume:	6.11 ft ³
Country of origin:	US
Custom tariff no .:	8413.70.2040

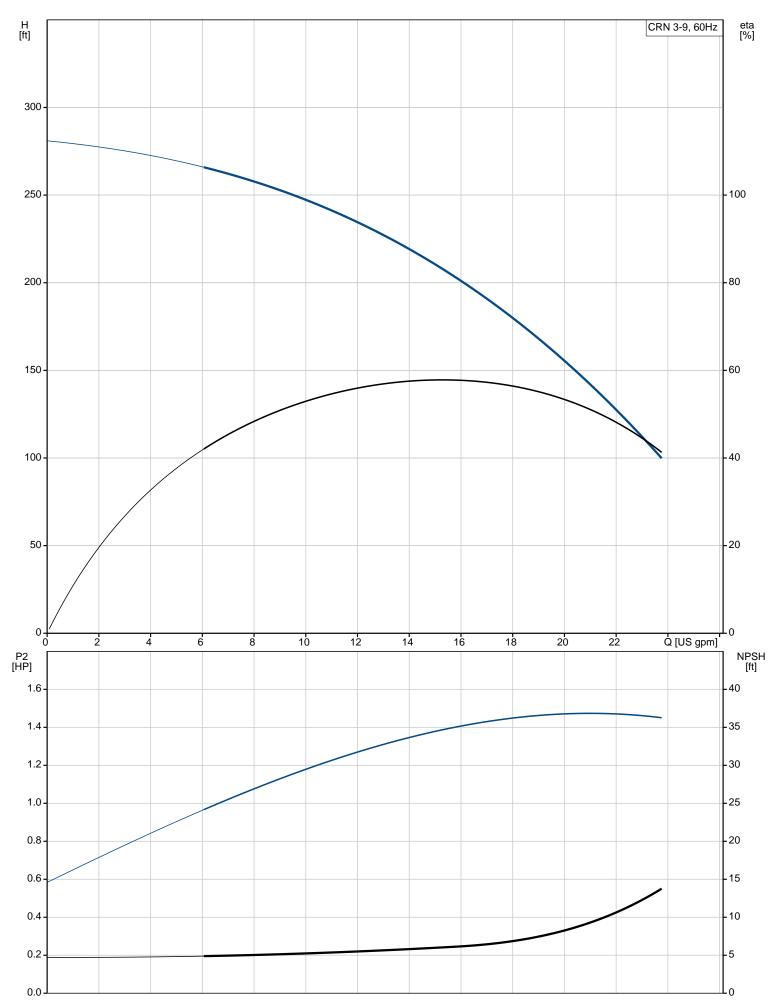
84Z04007



Date:

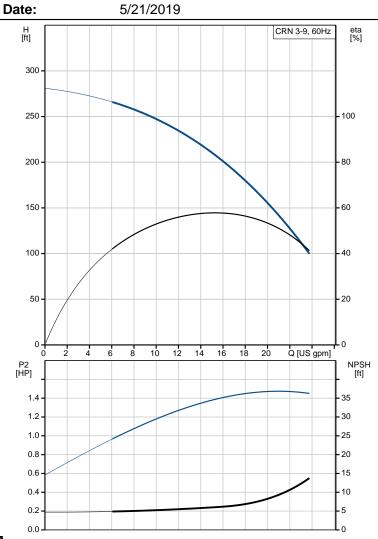
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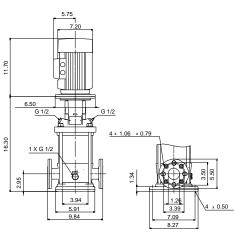
96083933 CRN 3-9 A-FGJ-A-E-HQQE 60 Hz

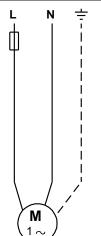




		Date:
Description	Value	H [ft]
General information:		
Product name:	CRN 3-9 A-FGJ-A-E-HQQE	300 -
Product No.:	96083933	
EAN:	5700395180510	
Technical:		250 -
Rated pump speed:	3450 rpm	
Rated flow:	15.4 US gpm	
Rated head:	206.7 ft	200 -
Head max:	280.9 ft	
Stages:	9	
Impellers: Number of reduced-diameter impellers:	9 0	150 -
Low NPSH:	N	
Pump orientation:	Vertical	
Shaft seal arrangement:	Single	100 -
Code for shaft seal:	HQQE	
Approvals on nameplate:	CURUS,NSF61	50 -
Curve tolerance:	ISO9906:2012 3B	
Pump version:	A	
Model:	Α	o
Cooling:	TEFC	ó
Materials:		P2 [HP]
Base:	Stainless steel	
	EN 1.4408	1.4 -
loss alla s	AISI 316	1.2 -
Impeller:	Stainless steel	1.0 -
	EN 1.4401 AISI 316	0.8 -
Material code:	AISI 510	0.6 -
Code for rubber:	E	0.4 -
Bearing:	SIC	
Installation:		0.2 -
Maximum ambient temperature:	104 °F	0.0
Maximum operating pressure:	362.59 psi	
Max pressure at stated temperature:	363 psi / 250 °F	
	363 psi / -4 °F	
Type of connection:	DIN / ANSI / JIS	2
Size of inlet connection:	DN 25/32	11.70
Size of suction port:	1 1/4 inch	
Size of outlet connection:	DN 25/32 1 1/4 inch	
Size of outlet port: Pressure rating for pipe connection:	PN 25	
Flange rating inlet:	300 lb	16.30
Flange size for motor:	56C	
Connect code:	FGJ	
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	-4 248 °F	
Selected liquid temperature:	68 °F	
Density:	62.29 lb/ft ³	
Electrical data:		L
Motor standard:	NEMA	н
Motor type:	Baldor	Ψ
Rated power - P2:	1.5 HP	
Power (P2) required by pump:	1.5 HP	
Main frequency:	60 Hz 1 x 115/208-230 V	
Rated voltage: Service factor:	1.30	
Rated current:	17/9,50-8,60 A	—
Load current:	20,4/11,3-10,2 A	—
Rated speed:	3450 rpm	
Number of poles:	2	—
Insulation class (IEC 85):	B	- \
Motor protection:	NONE	
Motor Number:	84Z04007	— (M
Controls:		- (1 -









Description

Gross weight:

Shipping volume:

Country of origin:

Custom tariff no .:

Others: Net weight: Company name: Created by: Phone:

Date: Value Frequency converter: NONE 82.6 lb 93.6 lb

8413.70.2040

6.11 ft³

US

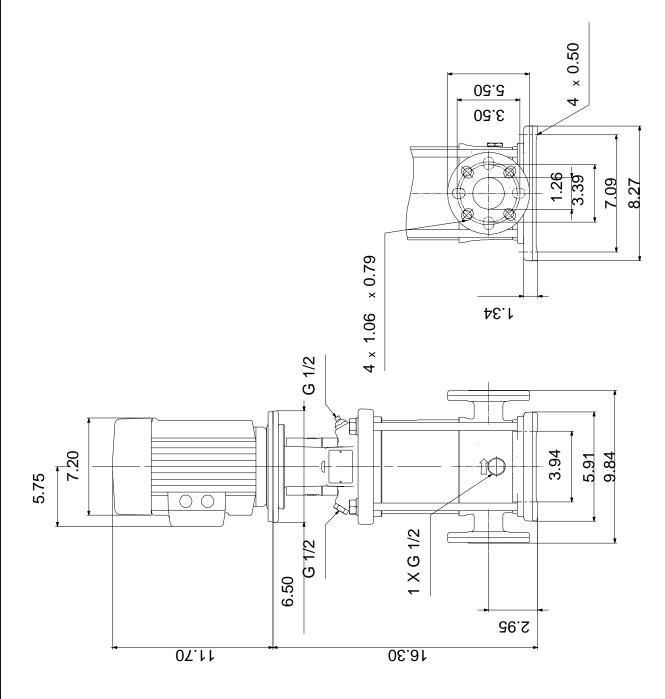
5/21/2019



Date:

5/21/2019

96083933 CRN 3-9 A-FGJ-A-E-HQQE 60 Hz



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



Date:

5/21/2019

96083933 CRN 3-9 A-FGJ-A-E-HQQE 60 Hz

