

### 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

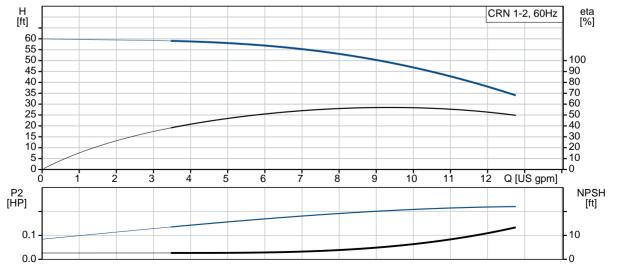
## CRN 1-2A-FGJ-A-E-HQQE

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)

Conditions of Service	
Flow:	
Head:	
Efficiency:	
Liquid:	Water
Temperature:	68 °F
NPSH required:	ft
Viscosity:	
Specific Gravity:	1.000

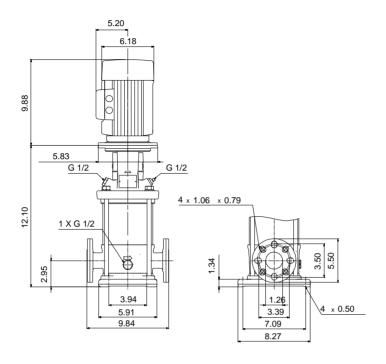
Pump Data	
Max pressure at stated temperature:	363 psi / 250 °F
Liquid temperature range:	-4 248 °F
Maximum ambient temperature:	104 °F
Approvals:	CURUS,NSF61
Shaft seal:	HQQE
Product number:	96082870

Motor Da	ata
Rated power - P2:	0.33 HP
Rated voltage:	115/230 V
Main frequency:	60 Hz
Insulation class:	В
Motor type:	Baldor





# Submittal Data



#### Materials:

Base: Stainless steel

EN 1.4408

**AISI 316** 

Impeller: Stainless steel

**AISI 316** 

EN 1.4401

Material code: A Code for rubber: E



**Date:** 4/22/2019

Count | Description

CRN 1-2A-FGJ-A-E-HQQE



Product No.: 96082870

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

Liquid:

Pumped liquid: Water
Liquid temperature range: -4 .. 248 °F
Selected liquid temperature: 68 °F
Density: 62.29 lb/ft³

Technical:

Rated pump speed: 3436 rpm
Rated flow: 9.69 US gpm
Rated head: 45.28 ft
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQE

Approvals on nameplate: CURUS,NSF61 Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel

EN 1.4408



4/22/2019 Date:

Count   Describition	Count	Description
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**AISI 316** 

Impeller: Stainless steel

EN 1.4401 **AISI 316** 

Bearing: SIC

Installation:

Maximum ambient temperature: 104 °F 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

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 connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: 56C

**Electrical data:** 

**NEMA** Motor standard: Motor type: Baldor Rated power - P2: 0.33 HP Power (P2) required by pump: 0.33 HP Main frequency: 60 Hz

Rated voltage: 1 x 115/230 V

Service factor: 1.35 6.00/3.00 A Rated current: Rated speed: 3450 rpm

Number of poles: 2 Insulation class (IEC 85): В

Motor Number: 85680001

Others:

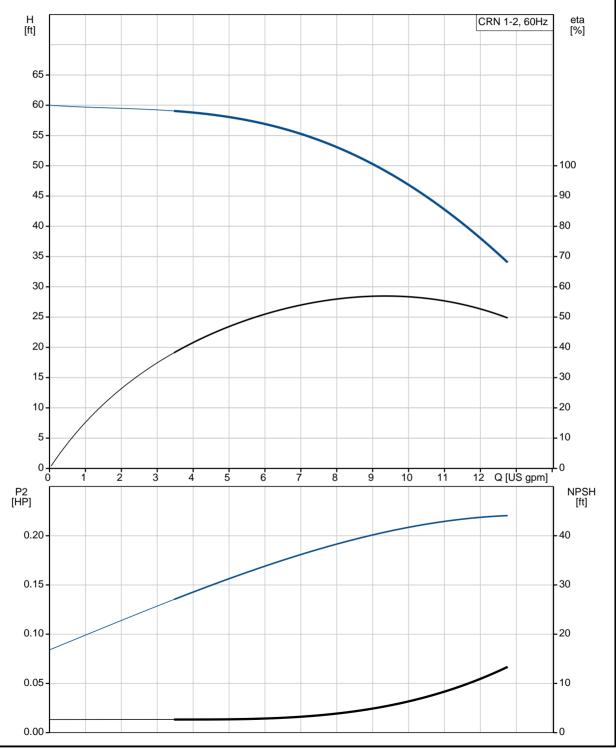
Net weight: 52.5 lb Gross weight: 63.5 lb Shipping volume: 4.94 ft<sup>3</sup> Country of origin: US

Custom tariff no.: 8413.70.2040



**Date:** 4/22/2019

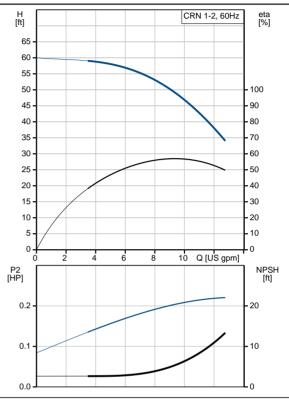
### 96082870 CRN 1-2A-FGJ-A-E-HQQE 60 Hz

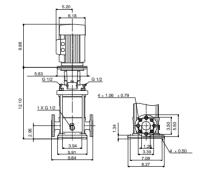


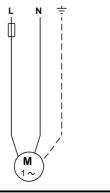


**Date:** 4/22/2019

Description	Value
General information:	1 3.140
Product name:	CRN 1-2A-FGJ-A-E-HQQE
Product No.:	96082870
EAN:	5700395176087
Technical:	
Rated pump speed:	3436 rpm
Rated flow:	9.69 US gpm
Rated head:	45.28 ft
Head max:	59.39 ft
Stages:	3
Impellers:	2
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals on nameplate:	CURUS,NSF61
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
	EN 1.4401
	AISI 316
Material code:	A
Code for rubber:	Е
Bearing:	SIC
Installation:	
Maximum ambient temperature:	104 °F
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
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 connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	56C
Connect code:	FGJ
Liquid:	









**Date:** 4/22/2019

DescriptionValuePumped liquid:WaterLiquid temperature range:-4 248 °FSelected liquid temperature:68 °FDensity:62.29 lb/ft³Electrical data:NEMAMotor standard:NEMAMotor type:BaldorRated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated current:6.00/3.00 ALoad current:6.8/3.4 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BMotor Number:85680001Controls:Frequency converter:NONEOthers:NONENet weight:52.5 lbGross weight:63.5 lbShipping volume:4.94 ft³		
Liquid temperature range:  Selected liquid temperature:  68 °F  Density:  Electrical data:  Motor standard:  Motor type:  Rated power - P2:  Power (P2) required by pump:  Main frequency:  Rated voltage:  1 x 115/230 V  Service factor:  Rated current:  6.00/3.00 A  Load current:  6.8/3.4 A  Rated speed:  Nated speed:  Number of poles:  Insulation class (IEC 85):  Motor Number:  Service factor:  NONE  Others:  Net weight:  Goss weight:  Shipping volume:  4.248 °F  6.8° F  Rec.  A. 248 °F  6.2.29 lb/ft³  Fighting  A. 2.29 lb/ft³	•	Value
Selected liquid temperature:       68 °F         Density:       62.29 lb/ft³         Electrical data:       NEMA         Motor standard:       NEMA         Motor type:       Baldor         Rated power - P2:       0.33 HP         Power (P2) required by pump:       0.33 HP         Main frequency:       60 Hz         Rated voltage:       1 x 115/230 V         Service factor:       1.35         Rated current:       6.00/3.00 A         Load current:       6.8/3.4 A         Rated speed:       3450 rpm         Number of poles:       2         Insulation class (IEC 85):       B         Motor Number:       85680001         Controls:       Frequency converter:       NONE         Others:       NONE         Net weight:       52.5 lb         Gross weight:       63.5 lb         Shipping volume:       4.94 ft³	Pumped liquid:	Water
Density:         62.29 lb/ft³           Electrical data:         Motor standard:           Motor standard:         NEMA           Motor type:         Baldor           Rated power - P2:         0.33 HP           Power (P2) required by pump:         0.33 HP           Main frequency:         60 Hz           Rated voltage:         1 x 115/230 V           Service factor:         1.35           Rated current:         6.00/3.00 A           Load current:         6.8/3.4 A           Rated speed:         3450 rpm           Number of poles:         2           Insulation class (IEC 85):         B           Motor Number:         85680001           Controls:         Frequency converter:         NONE           Others:         NONE           Net weight:         52.5 lb           Gross weight:         63.5 lb           Shipping volume:         4.94 ft³	Liquid temperature range:	-4 248 °F
Electrical data:           Motor standard:         NEMA           Motor type:         Baldor           Rated power - P2:         0.33 HP           Power (P2) required by pump:         0.33 HP           Main frequency:         60 Hz           Rated voltage:         1 x 115/230 V           Service factor:         1.35           Rated current:         6.00/3.00 A           Load current:         6.8/3.4 A           Rated speed:         3450 rpm           Number of poles:         2           Insulation class (IEC 85):         B           Motor Number:         85680001           Controls:         Frequency converter:         NONE           Others:         NONE           Others:         52.5 lb           Gross weight:         63.5 lb           Shipping volume:         4.94 ft³	Selected liquid temperature:	68 °F
Motor standard:         NEMA           Motor type:         Baldor           Rated power - P2:         0.33 HP           Power (P2) required by pump:         0.33 HP           Main frequency:         60 Hz           Rated voltage:         1 x 115/230 V           Service factor:         1.35           Rated current:         6.00/3.00 A           Load current:         6.8/3.4 A           Rated speed:         3450 rpm           Number of poles:         2           Insulation class (IEC 85):         B           Motor Number:         85680001           Controls:         Frequency converter:         NONE           Others:         NONE           Others:         52.5 lb           Gross weight:         63.5 lb           Shipping volume:         4.94 ft³	Density:	62.29 lb/ft <sup>3</sup>
Motor type: Baldor Rated power - P2: 0.33 HP Power (P2) required by pump: 0.33 HP Main frequency: 60 Hz Rated voltage: 1 x 115/230 V Service factor: 1.35 Rated current: 6.00/3.00 A Load current: 6.8/3.4 A Rated speed: 3450 rpm Number of poles: 2 Insulation class (IEC 85): B Motor Number: 85680001  Controls: Frequency converter: NONE Others: Net weight: 52.5 lb Gross weight: 63.5 lb Shipping volume: 4.94 ft³	Electrical data:	
Rated power - P2: 0.33 HP  Power (P2) required by pump: 0.33 HP  Main frequency: 60 Hz  Rated voltage: 1 x 115/230 V  Service factor: 1.35  Rated current: 6.00/3.00 A  Load current: 6.8/3.4 A  Rated speed: 3450 rpm  Number of poles: 2  Insulation class (IEC 85): B  Motor Number: 85680001  Controls:  Frequency converter: NONE  Others:  Net weight: 52.5 lb  Gross weight: 63.5 lb  Shipping volume: 4.94 ft³	Motor standard:	NEMA
Power (P2) required by pump: 0.33 HP  Main frequency: 60 Hz  Rated voltage: 1 x 115/230 V  Service factor: 1.35  Rated current: 6.00/3.00 A  Load current: 6.8/3.4 A  Rated speed: 3450 rpm  Number of poles: 2  Insulation class (IEC 85): B  Motor Number: 85680001  Controls:  Frequency converter: NONE  Others:  Net weight: 52.5 lb  Gross weight: 63.5 lb  Shipping volume: 4.94 ft³	Motor type:	Baldor
Main frequency:       60 Hz         Rated voltage:       1 x 115/230 V         Service factor:       1.35         Rated current:       6.00/3.00 A         Load current:       6.8/3.4 A         Rated speed:       3450 rpm         Number of poles:       2         Insulation class (IEC 85):       B         Motor Number:       85680001         Controls:         Frequency converter:       NONE         Others:         Net weight:       52.5 lb         Gross weight:       63.5 lb         Shipping volume:       4.94 ft³	Rated power - P2:	0.33 HP
Rated voltage:       1 x 115/230 V         Service factor:       1.35         Rated current:       6.00/3.00 A         Load current:       6.8/3.4 A         Rated speed:       3450 rpm         Number of poles:       2         Insulation class (IEC 85):       B         Motor Number:       85680001         Controls:       Frequency converter:       NONE         Others:       NONE         Net weight:       52.5 lb         Gross weight:       63.5 lb         Shipping volume:       4.94 ft³	Power (P2) required by pump:	0.33 HP
Service factor:       1.35         Rated current:       6.00/3.00 A         Load current:       6.8/3.4 A         Rated speed:       3450 rpm         Number of poles:       2         Insulation class (IEC 85):       B         Motor Number:       85680001         Controls:       Frequency converter:       NONE         Others:       None         Net weight:       52.5 lb         Gross weight:       63.5 lb         Shipping volume:       4.94 ft³	Main frequency:	60 Hz
Rated current:       6.00/3.00 A         Load current:       6.8/3.4 A         Rated speed:       3450 rpm         Number of poles:       2         Insulation class (IEC 85):       B         Motor Number:       85680001         Controls:       Frequency converter:       NONE         Others:       None         Net weight:       52.5 lb         Gross weight:       63.5 lb         Shipping volume:       4.94 ft³	Rated voltage:	1 x 115/230 V
Load current: 6.8/3.4 A  Rated speed: 3450 rpm  Number of poles: 2  Insulation class (IEC 85): B  Motor Number: 85680001  Controls:  Frequency converter: NONE  Others:  Net weight: 52.5 lb  Gross weight: 63.5 lb  Shipping volume: 4.94 ft³	Service factor:	1.35
Rated speed:       3450 rpm         Number of poles:       2         Insulation class (IEC 85):       B         Motor Number:       85680001         Controls:       Frequency converter:         NONE       NONE         Others:       Net weight:         Gross weight:       63.5 lb         Shipping volume:       4.94 ft³	Rated current:	6.00/3.00 A
Number of poles: 2 Insulation class (IEC 85): B Motor Number: 85680001  Controls: Frequency converter: NONE  Others: Net weight: 52.5 lb Gross weight: 63.5 lb Shipping volume: 4.94 ft³	Load current:	6.8/3.4 A
Insulation class (IEC 85): B  Motor Number: 85680001  Controls: Frequency converter: NONE  Others: Net weight: 52.5 lb  Gross weight: 63.5 lb  Shipping volume: 4.94 ft³	Rated speed:	3450 rpm
Motor Number: 85680001  Controls: Frequency converter: NONE  Others: Net weight: 52.5 lb Gross weight: 63.5 lb Shipping volume: 4.94 ft³	Number of poles:	2
Controls: Frequency converter:  Others:  Net weight: Gross weight: Shipping volume:  NONE  52.5 lb  63.5 lb  4.94 ft³	Insulation class (IEC 85):	В
Frequency converter: NONE  Others:  Net weight: 52.5 lb  Gross weight: 63.5 lb  Shipping volume: 4.94 ft³	Motor Number:	85680001
Others:  Net weight: 52.5 lb  Gross weight: 63.5 lb  Shipping volume: 4.94 ft³	Controls:	
Net weight: 52.5 lb Gross weight: 63.5 lb Shipping volume: 4.94 ft <sup>3</sup>	Frequency converter:	NONE
Gross weight: 63.5 lb Shipping volume: 4.94 ft <sup>3</sup>	Others:	
Shipping volume: 4.94 ft <sup>3</sup>	Net weight:	52.5 lb
11 0	Gross weight:	63.5 lb
	Shipping volume:	4.94 ft <sup>3</sup>
Country of origin: US	Country of origin:	US
Custom tariff no.: 8413.70.2040	Custom tariff no.:	8413.70.2040

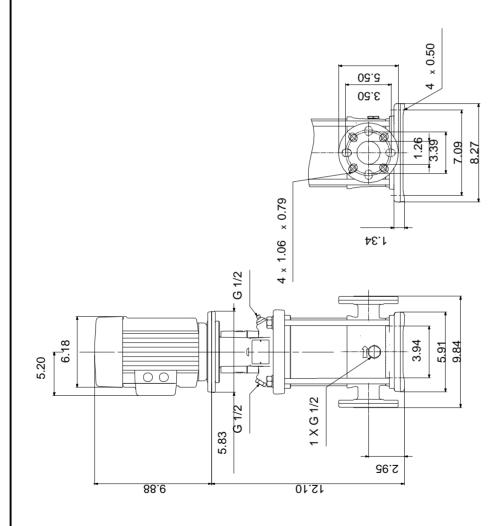


Company name: Created by:

Phone:

**Date:** 4/22/2019

### 96082870 CRN 1-2A-FGJ-A-E-HQQE 60 Hz



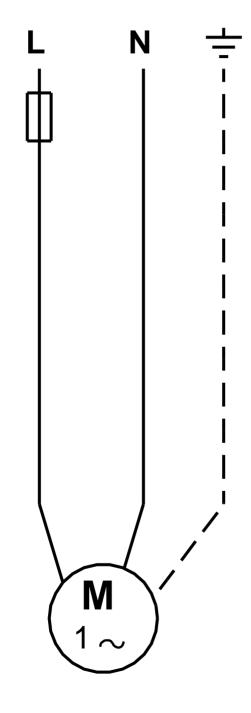
Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



Date:

4/22/2019

# 96082870 CRN 1-2A-FGJ-A-E-HQQE 60 Hz



All units are [in] unless otherwise presented.