

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

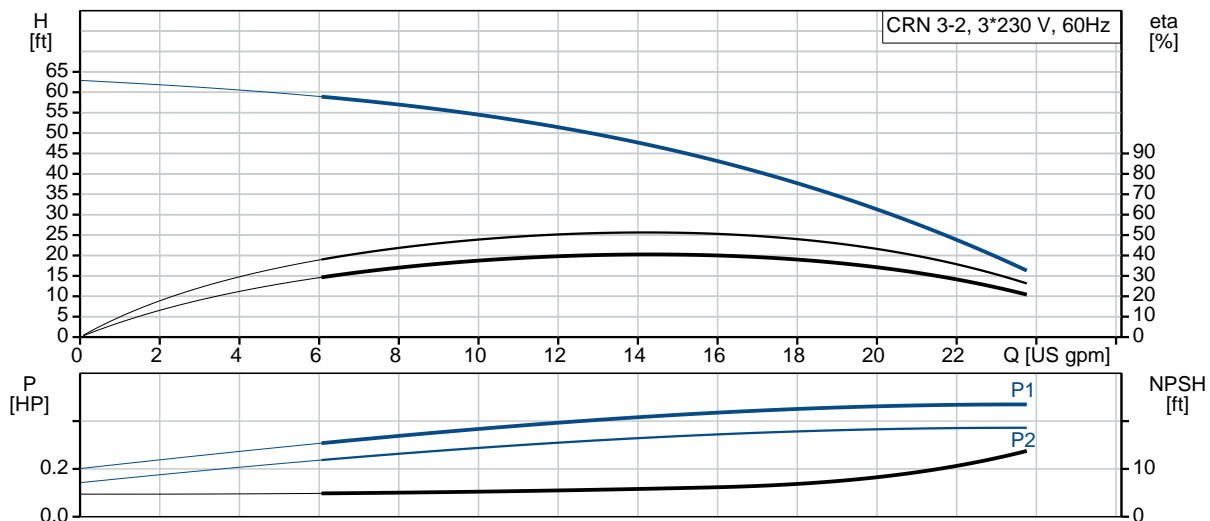


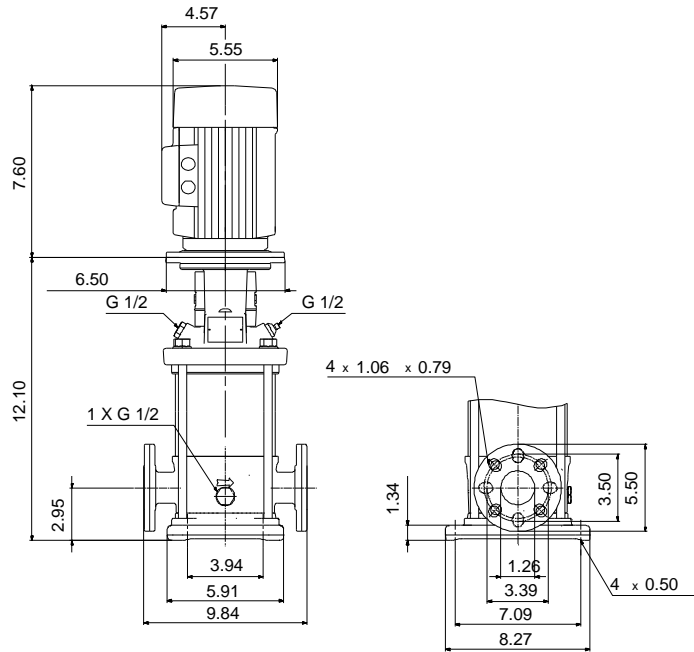
### CRN 3-2A-FGJ-A-E-HQQE

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)

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Max pressure at stated temperature: 363 psi / 250 °F	Rated power - P2: 0.33 HP
Head: _____	Liquid temperature range: -4 .. 248 °F	Rated voltage: 208-230YY/460Y V
Efficiency: _____	Maximum ambient temperature: 104 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: CURUS, NSF61	Enclosure class: 55 Dust/Jetting
Temperature: 68 °F	Shaft seal: HQQE	Insulation class: F
NPSH required: ft	Product number: On request	Motor protection: NONE
Viscosity: _____		Motor type: 71AA
Specific Gravity: 1.000		Motor_efficiency: 78.5 %






**Materials:**

Base: Stainless steel  
EN 1.4408  
AISI 316

Impeller: Stainless steel  
AISI 316  
EN 1.4401

Material code: A

Code for rubber: E

Count	Description
1	<p><b>CRN 3-2A-FGJ-A-E-HQQE</b></p>  <p>Product No.: On request Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p>The pump has the following characteristics:</p> <ul style="list-style-type: none"> <li>- Impellers, intermediate chambers and outer sleeve are made of</li> <li>- Pump head cover and base are made of</li> <li>- The shaft seal has assembly length according to EN 12756.</li> <li>- Power transmission is via cast iron split coupling.</li> </ul> <p>flanges/couplings.</p> <p>The motor is a 3-phase AC motor.</p> <p><b>Controls:</b> Frequency converter: NONE</p> <p><b>Liquid:</b> Pumped liquid: Water Liquid temperature range: -4 .. 248 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft<sup>3</sup></p> <p><b>Technical:</b> Rated pump speed: 3425 rpm Rated flow: 15.4 US gpm Rated head: 44.62 ft Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CURUS,NSF61 Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b> Base: Stainless steel EN 1.4408</p>



Company name:

Created by:

Phone:

Date:

5/14/2019

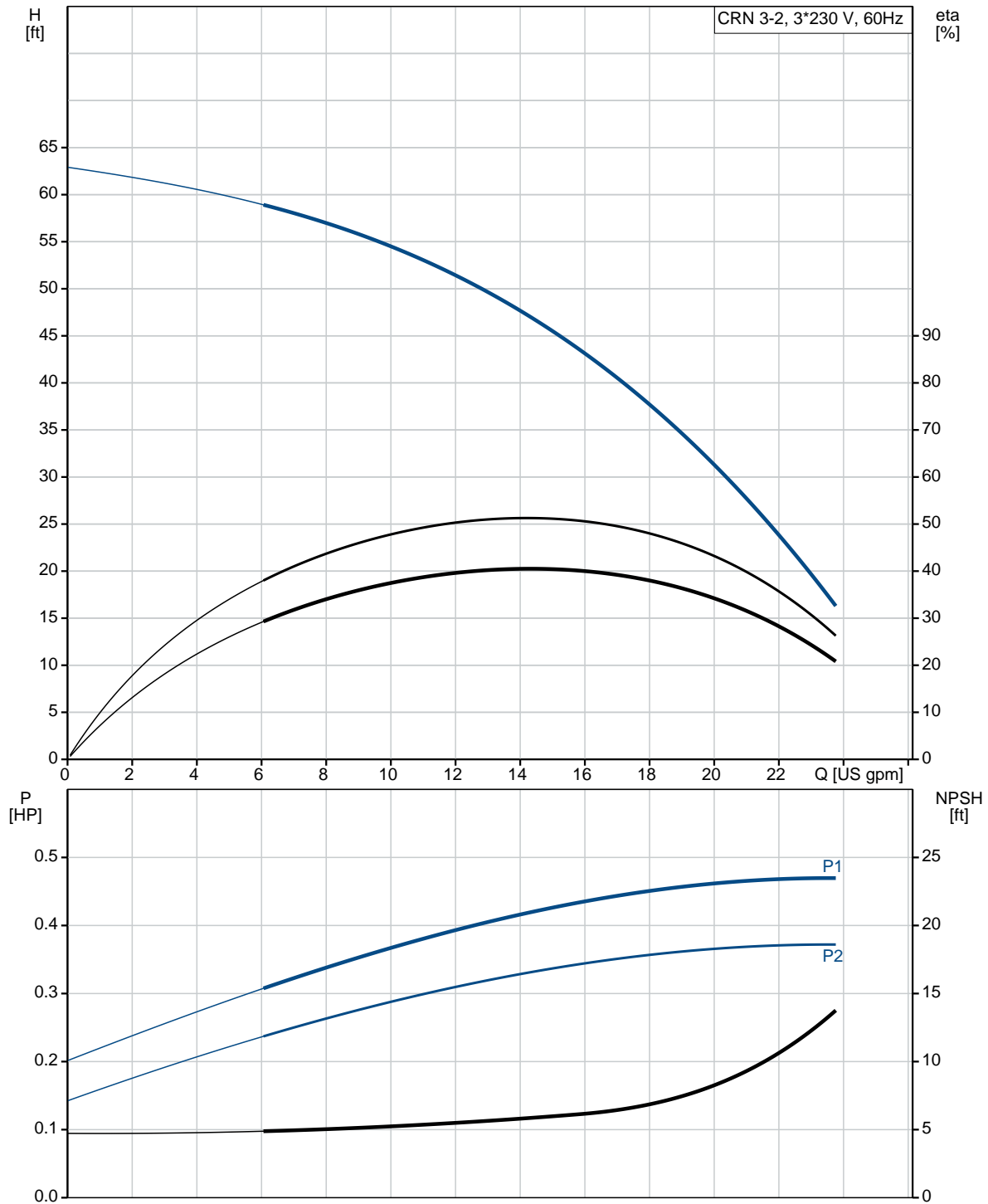
Count	Description
	<p>AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Bearing: SIC</p> <p><b>Installation:</b> Maximum ambient temperature: 104 °F Maximum operating pressure: 362.59 psi Max pressure at stated temperature: 363 psi / 250 °F 363 psi / -4 °F Type of connection: DIN / ANSI / JIS Size 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</p> <p><b>Electrical data:</b> Motor standard: NEMA Motor type: 71AA Rated power - P2: 0.33 HP Power (P2) required by pump: 0.33 HP Main frequency: 60 Hz Rated voltage: 3 x 208-230YY/460Y V Service factor: 1.35 Rated current: 1,12-1,10/0,55 A Starting current: 630-700 % Cos phi - power factor: 0.81-0.75 Rated speed: 3450-3480 rpm Motor efficiency at full load: 78.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor Number: 85900700</p> <p><b>Others:</b> Net weight: 50.5 lb Gross weight: 61.5 lb Shipping volume: 4.94 ft³ Country of origin: US Custom tariff no.: 8413.70.2040</p>



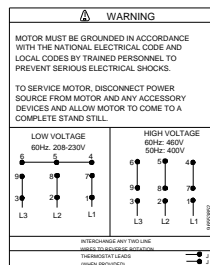
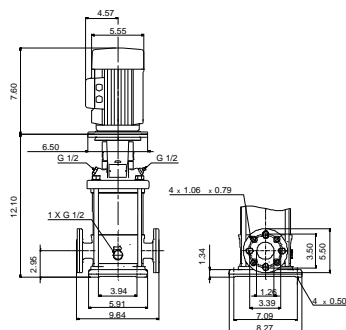
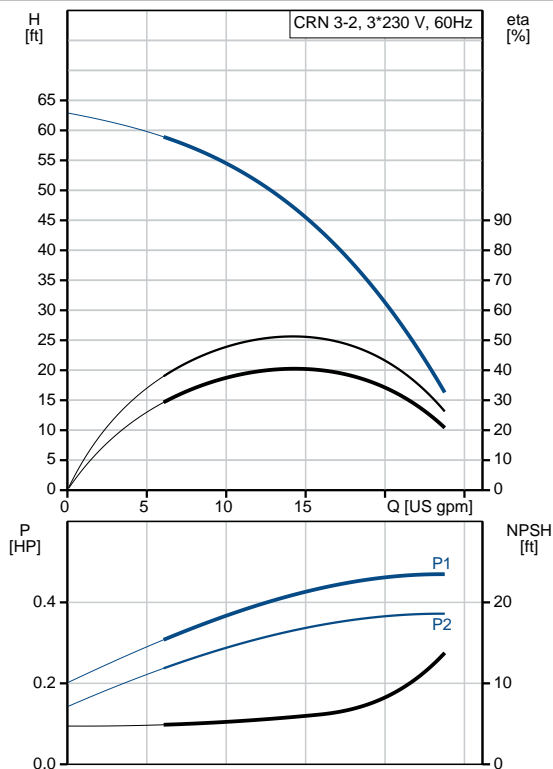
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Created by:  
Phone:

Date: 5/14/2019

## On request CRN 3-2A-FGJ-A-E-HQQE 60 Hz



Description	Value
<b>General information:</b>	
Product name:	CRN 3-2A-FGJ-A-E-HQQE
Product No.:	On request
EAN:	On request
<b>Technical:</b>	
Rated pump speed:	3425 rpm
Rated flow:	15.4 US gpm
Rated head:	44.62 ft
Head max:	63 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
<b>Materials:</b>	
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
	EN 1.4401
	AISI 316
Material code:	A
Code for rubber:	E
Bearing:	SIC
<b>Installation:</b>	
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
<b>Liquid:</b>	





Company name:

Created by:

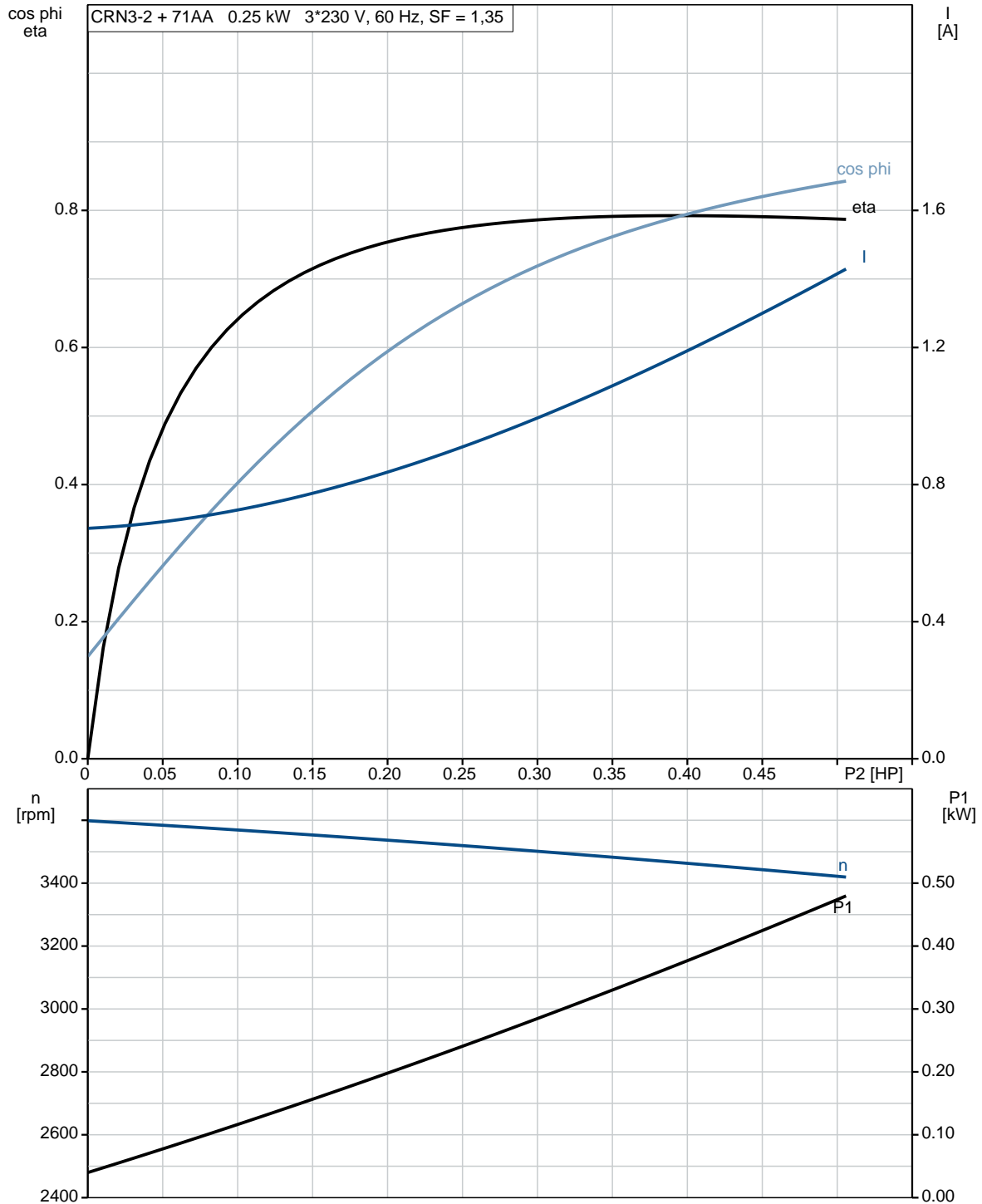
Phone:

Date:

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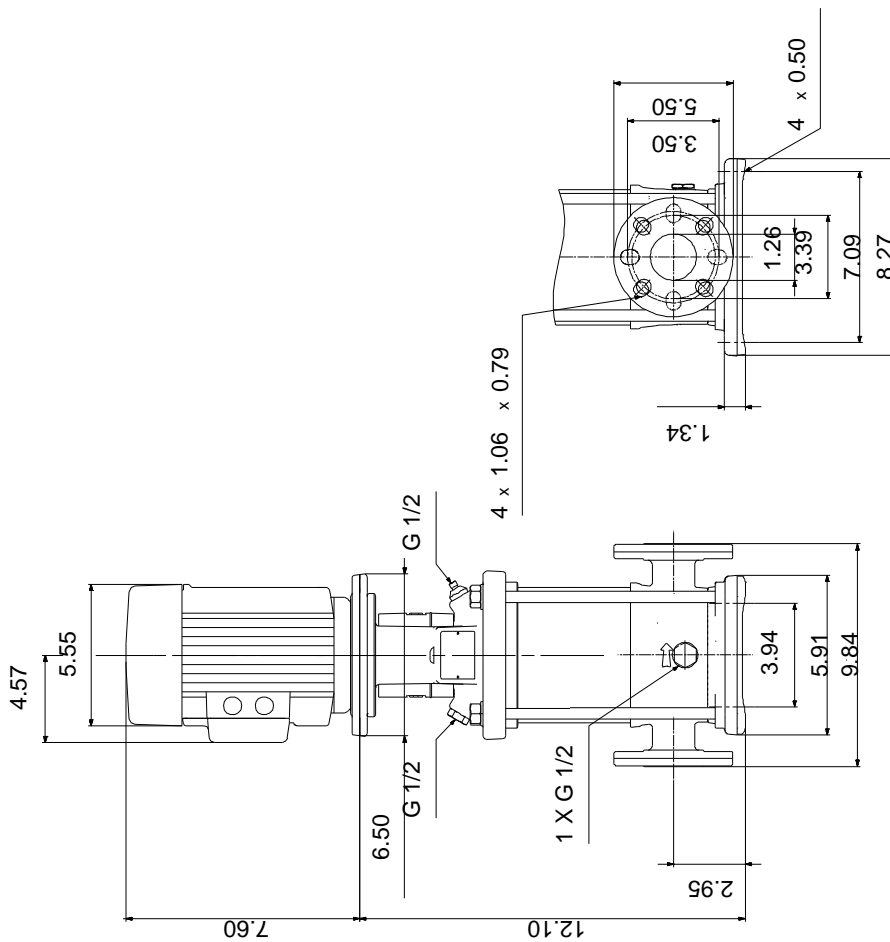
Description	Value
Pumped liquid:	Water
Liquid temperature range:	-4 .. 248 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
<b>Electrical data:</b>	
Motor standard:	NEMA
Motor type:	71AA
Rated power - P2:	0.33 HP
Power (P2) required by pump:	0.33 HP
Main frequency:	60 Hz
Rated voltage:	3 x 208-230YY/460Y V
Service factor:	1.35
Rated current:	1,12-1,10/0,55 A
Starting current:	630-700 %
Load current:	1,5-1,45/0,75 A
Cos phi - power factor:	0.81-0.75
Rated speed:	3450-3480 rpm
Motor efficiency at full load:	78.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900700
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Net weight:	50.5 lb
Gross weight:	61.5 lb
Shipping volume:	4.94 ft³
Country of origin:	US
Custom tariff no.:	8413.70.2040

## On request CRN 3-2A-FGJ-A-E-HQQE 60 Hz





## On request CRN 3-2A-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.

## On request CRN 3-2A-FGJ-A-E-HQQE 60 Hz

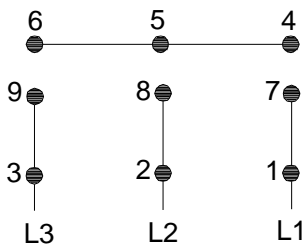


### WARNING

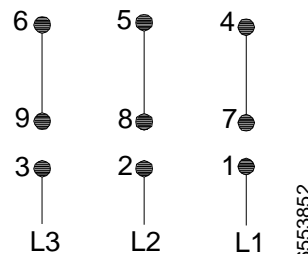
MOTOR MUST BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES BY TRAINED PERSONNEL TO PREVENT SERIOUS ELECTRICAL SHOCKS.

TO SERVICE MOTOR, DISCONNECT POWER SOURCE FROM MOTOR AND ANY ACCESSORY DEVICES AND ALLOW MOTOR TO COME TO A COMPLETE STAND STILL.

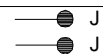
#### LOW VOLTAGE 60Hz. 208-230V



#### HIGH VOLTAGE 60Hz: 460V 50Hz: 400V



INTERCHANGE ANY TWO LINE  
WIRES TO REVERSE ROTATION  
THERMOSTAT LEADS  
(WHEN PROVIDED)



All units are [in] unless otherwise presented.