

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

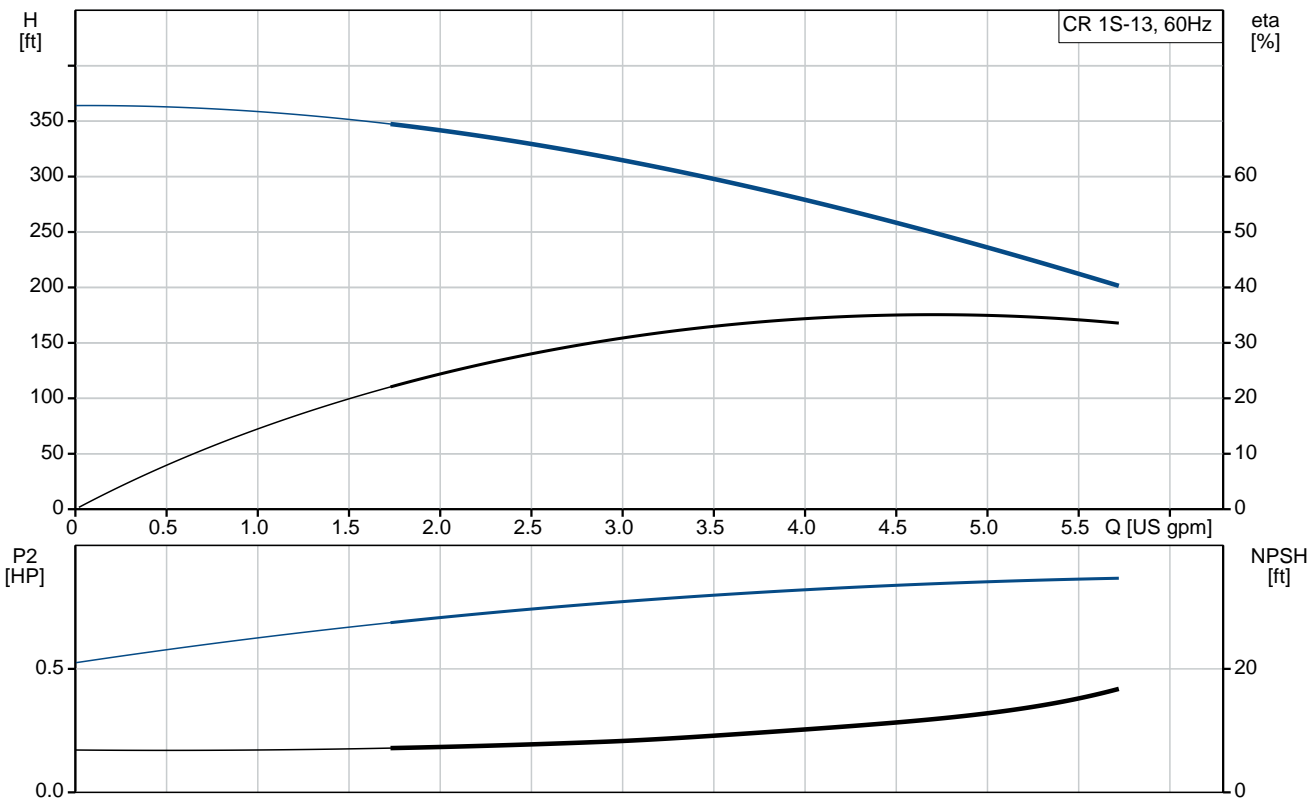


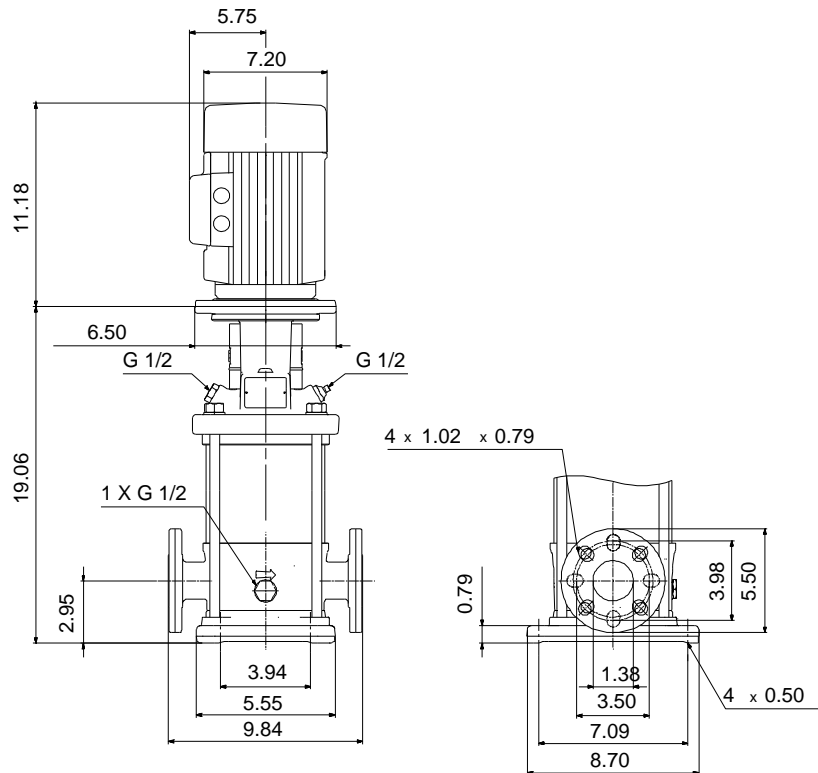
CR 1S-13 A-FGJ-A-E-HQQE

Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron. All other wetted parts are in stainless steel (EN 1.4301)(AISI 304)

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: 1 HP
Head: _____	Liquid temperature range: -4 .. 248 °F	Rated voltage: 115/230 V
Efficiency: _____	Maximum ambient temperature: 104 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: CURUS,NSF61	Insulation class: B
Temperature: 68 °F	Shaft seal: HQQE	Motor protection: NONE
NPSH required: ft	Product number: 96081042	Motor type: Baldor
Viscosity: _____		
Specific Gravity: 1.000		






**Materials:**

Base: Cast iron  
EN 1561 EN-GJL-200  
ASTM A48-25B

Impeller: Stainless steel  
AISI 304  
EN 1.4301

Material code: A

Code for rubber: E

Count	Description
1	<p><b>CR 1S-13 A-FGJ-A-E-HQQE</b></p>  <p>Product No.: <a href="#">96081042</a>            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 and intermediate chambers 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>The motor is a 1-phase AC motor.</p> <p>Controls:            Frequency converter: NONE</p> <p><b>Liquid:</b>            Pumped liquid: Water            Liquid temperature range: -4 .. 248 °F            Liquid temperature during operation: 68 °F            Density: 62.29 lb/ft³</p> <p><b>Technical:</b>            Rated pump speed: 3450 rpm            Rated flow: 4.84 US gpm            Rated head: 242.8 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: Cast iron                      EN 1561 EN-GJL-200                      ASTM A48-25B            Impeller: Stainless steel                      EN 1.4301                      AISI 304            Bearing: SIC</p> <p><b>Installation:</b>            Maximum ambient temperature: 104 °F            Maximum operating pressure: 363 psi            Max pressure at stated temperature: 363 psi / 250 °F              363 psi / -4 °F            Type of connection: DIN / ANSI / JIS</p>



Company name:

Created by:

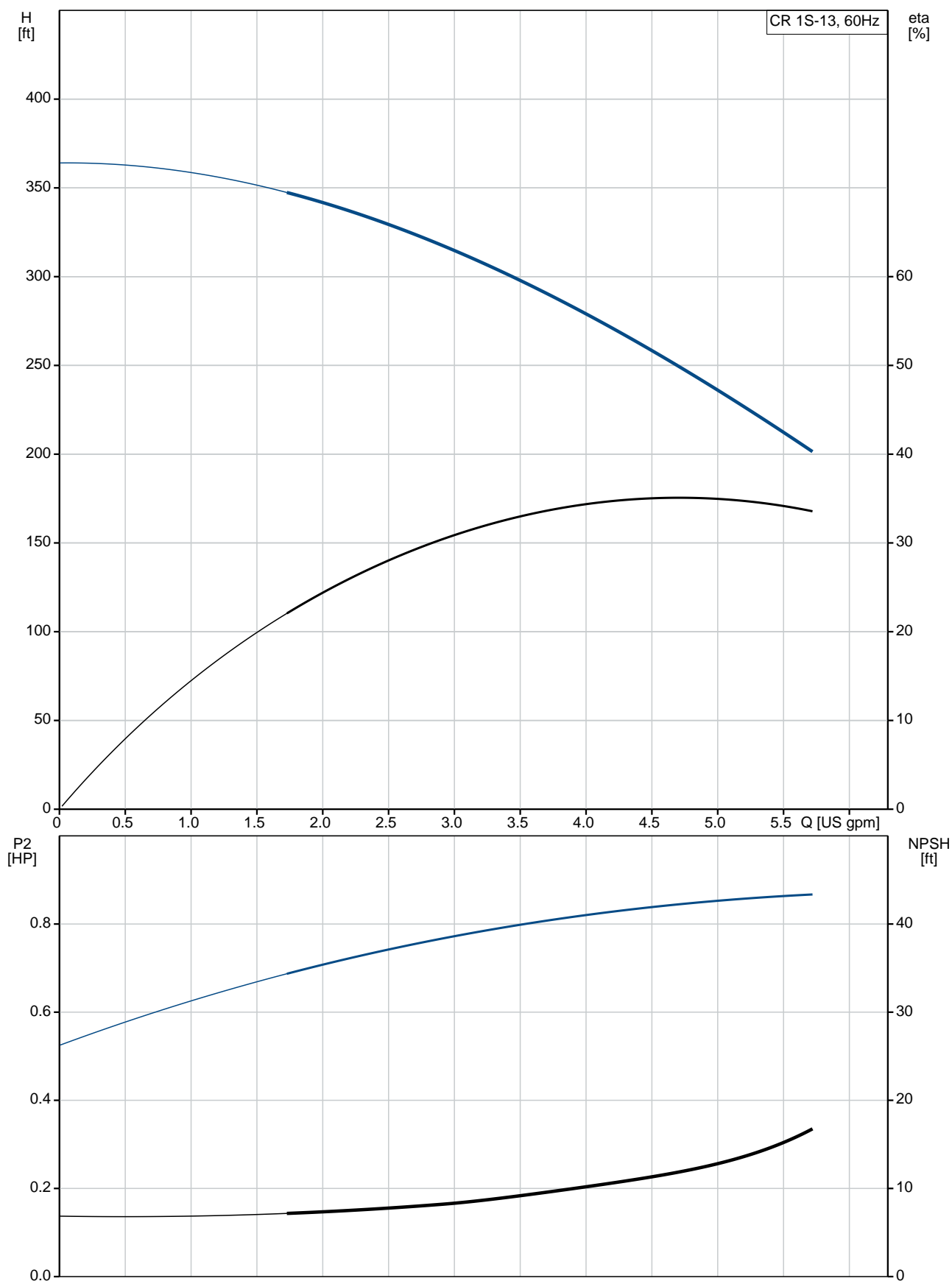
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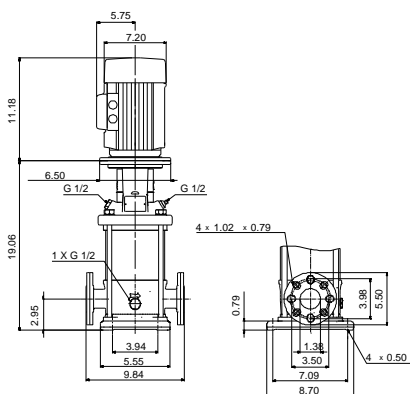
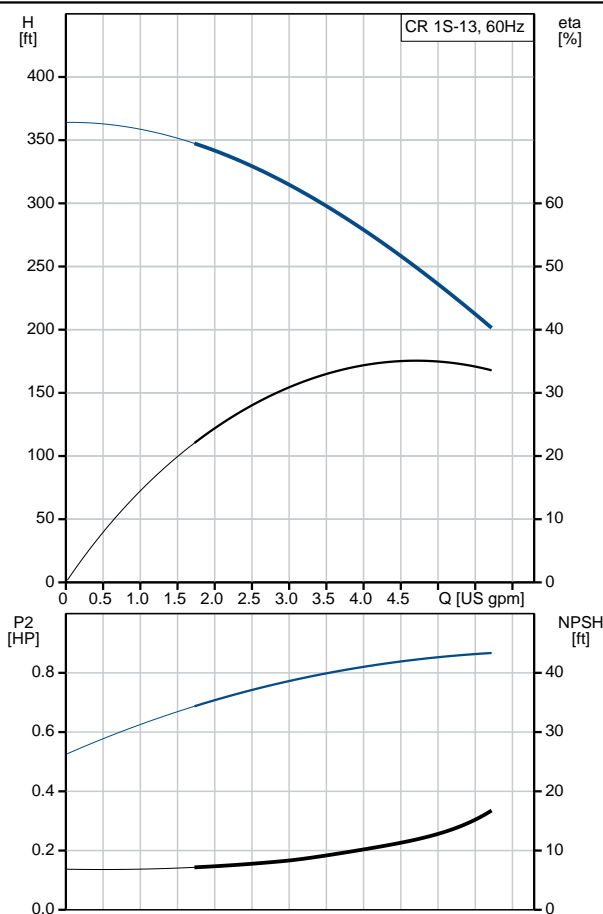
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Count	Description
	<p>Size of inlet connection: DN 25/32 Size of suction port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 250 lb Flange size for motor: 56C</p> <p><b>Electrical data:</b> Motor standard: NEMA Motor type: Baldor Rated power - P2: 1 HP Power (P2) required by pump: 1 HP Main frequency: 60 Hz Rated voltage: 1 x 115/230 V Service factor: 1.25 Rated current: 12/6 A Rated speed: 3450 rpm Number of poles: 2 Insulation class (IEC 85): B</p> <p><b>Others:</b> Net weight: 84.6 lb Gross weight: 99.1 lb Shipping volume: 8.26 ft<sup>3</sup> Country of origin: US Custom tariff no.: 8413.70.2040</p>

## 96081042 CR 1S-13 A-FGJ-A-E-HQQE 60 Hz



Description	Value
<b>General information:</b>	
Product name:	CR 1S-13 A-FGJ-A-E-HQQE
Product No.:	96081042
EAN:	5700395154993
<b>Technical:</b>	
Rated pump speed:	3450 rpm
Rated flow:	4.84 US gpm
Rated head:	242.8 ft
Head max:	364.5 ft
Stages:	13
Impellers:	13
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:	Cast iron EN 1561 EN-GJL-200 ASTM A48-25B
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	363 psi
Max pressure at stated temperature:	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:	250 lb
Flange size for motor:	56C
Connect code:	FGJ
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 248 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft³
<b>Electrical data:</b>	
Motor standard:	NEMA
Motor type:	Baldor
Rated power - P2:	1 HP
Power (P2) required by pump:	1 HP
Main frequency:	60 Hz
Rated voltage:	1 x 115/230 V





Company name:

Created by:

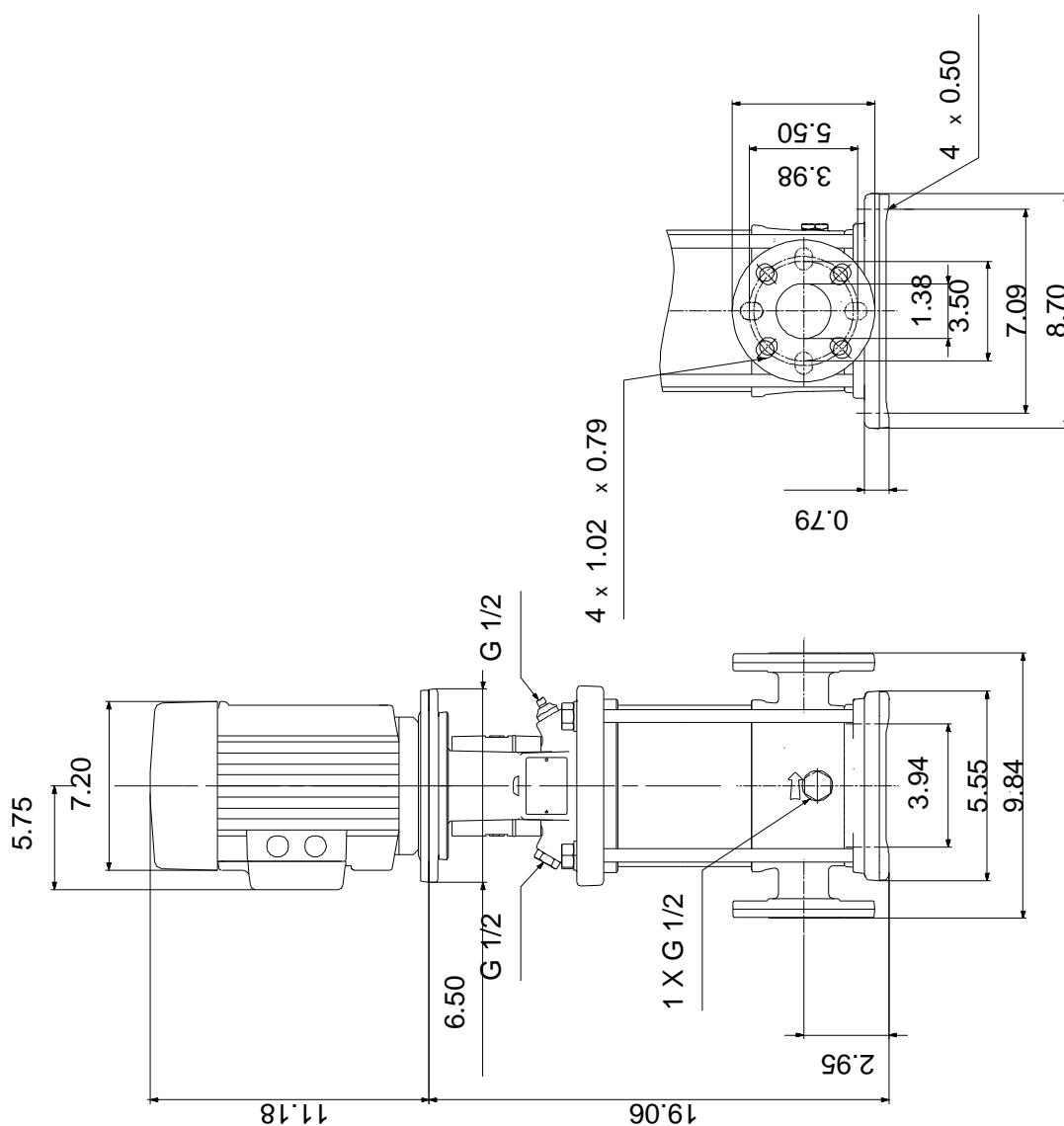
Phone:

Date:

2/25/2019

Description	Value
Service factor:	1.25
Rated current:	12/6 A
Load current:	14.4/7.2 A
Rated speed:	3450 rpm
Number of poles:	2
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	84Z04004
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Net weight:	84.6 lb
Gross weight:	99.1 lb
Shipping volume:	8.26 ft <sup>3</sup>
Country of origin:	US
Custom tariff no.:	8413.70.2040

## 96081042 CR 1S-13 A-FGJ-A-E-HQQE 60 Hz



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



**96081042 CR 1S-13 A-FGJ-A-E-HQQE 60 Hz**



All units are [mm] unless otherwise presented.