

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

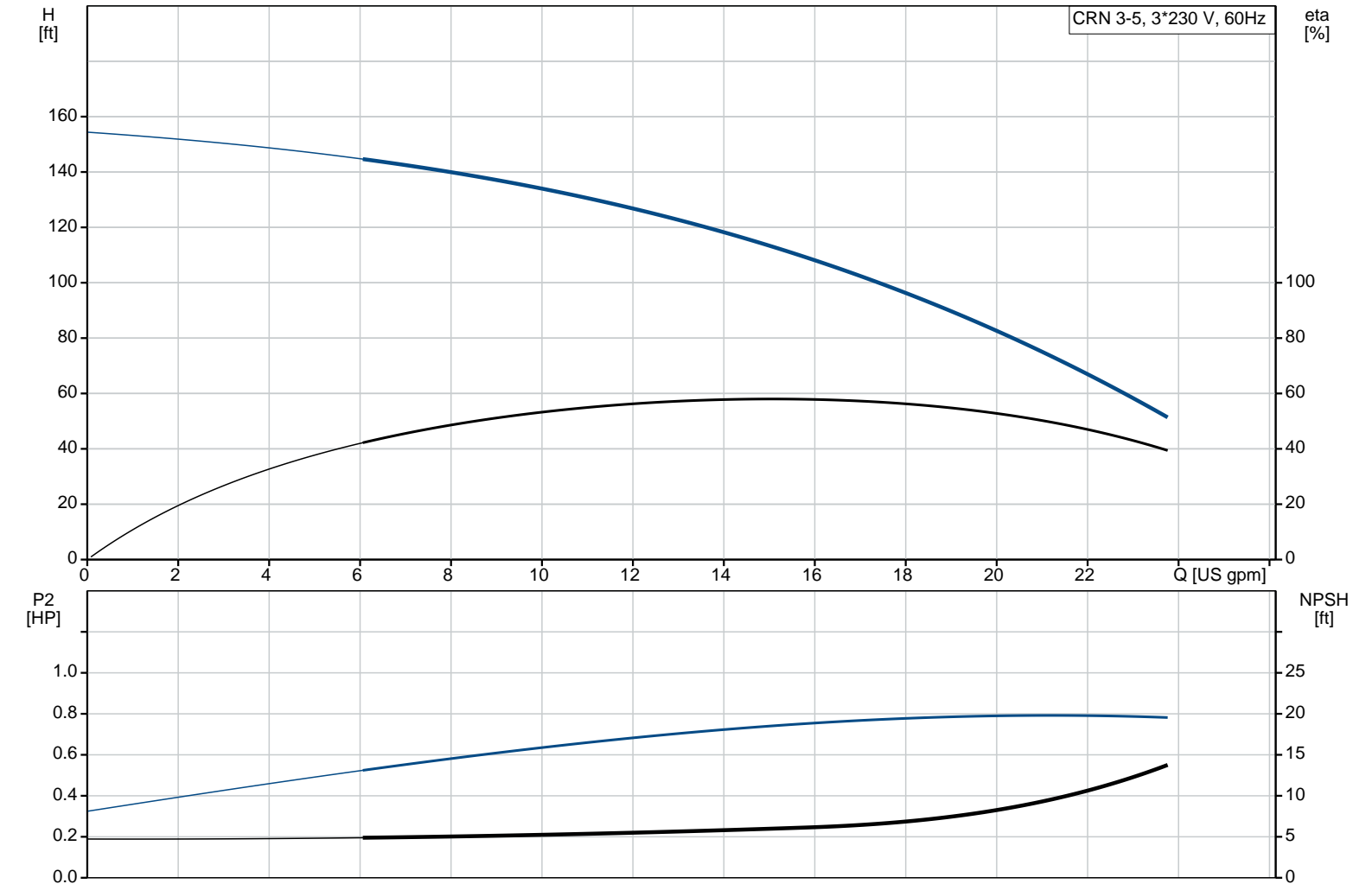


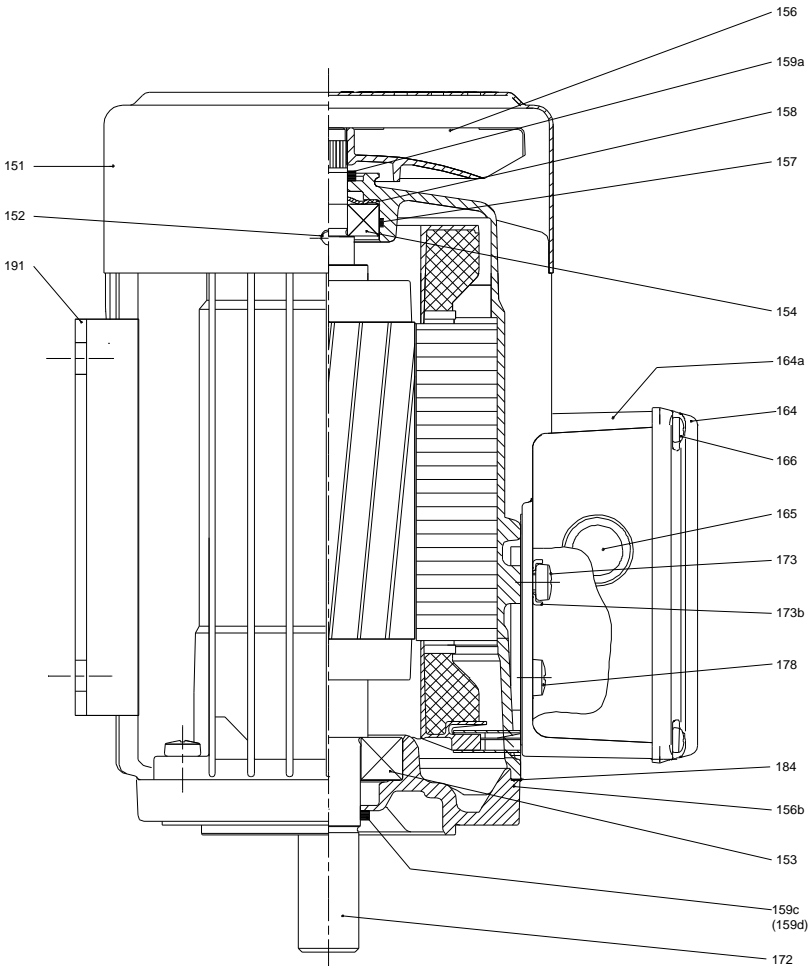
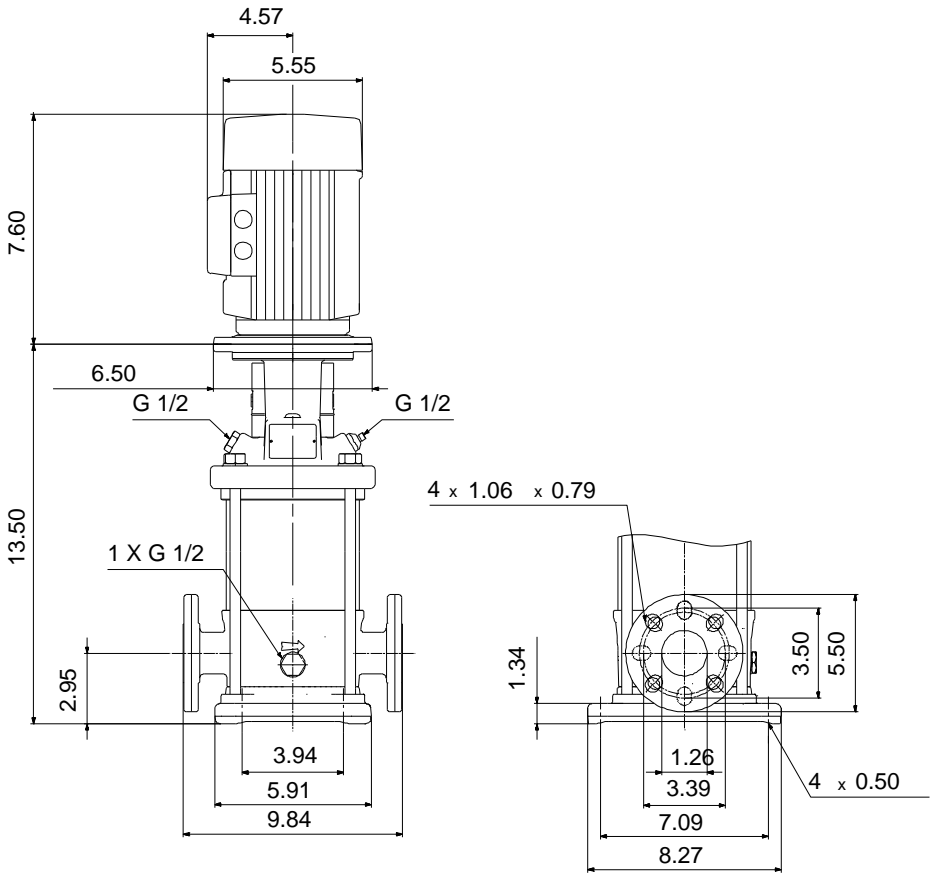
CRN 3-5A-FGJ-A-E-HQQE

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: 0.75 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: 96083926	Motor protection: NONE
Viscosity:		Motor type: 71BA
Specific Gravity: 1.000		Motor_efficiency: 79.0-80.0 %



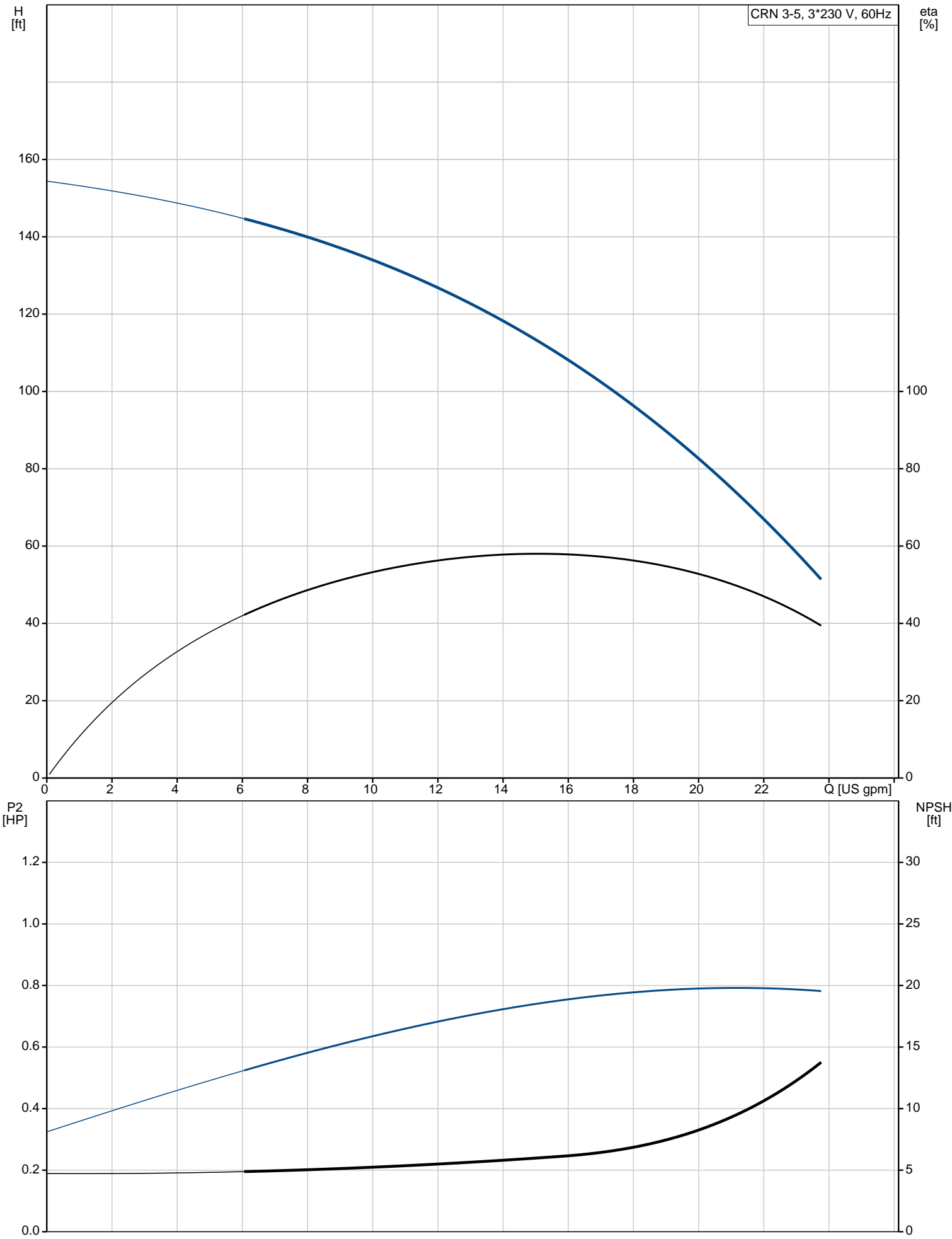


**Materials:**  
Base: Stainless steel  
EN 1.4408  
AISI 316  
Impeller: Stainless steel  
AISI 316  
EN 1.4401  
Material code: A  
Code for rubber: E

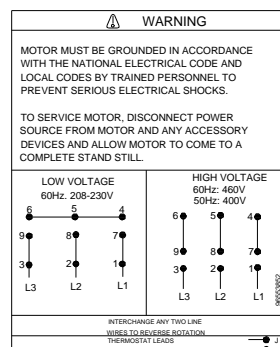
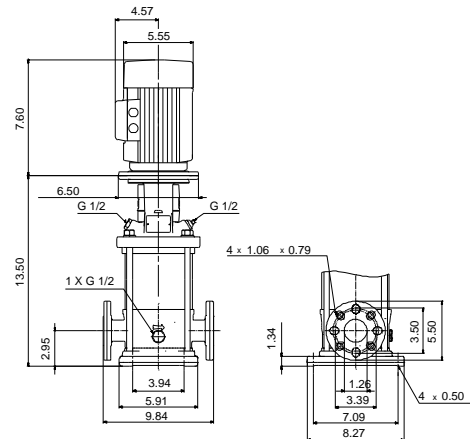
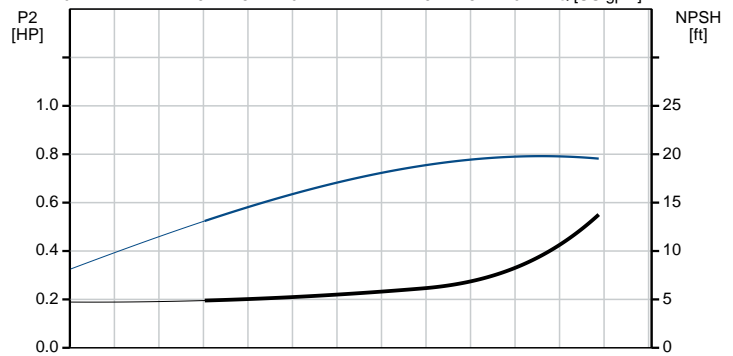
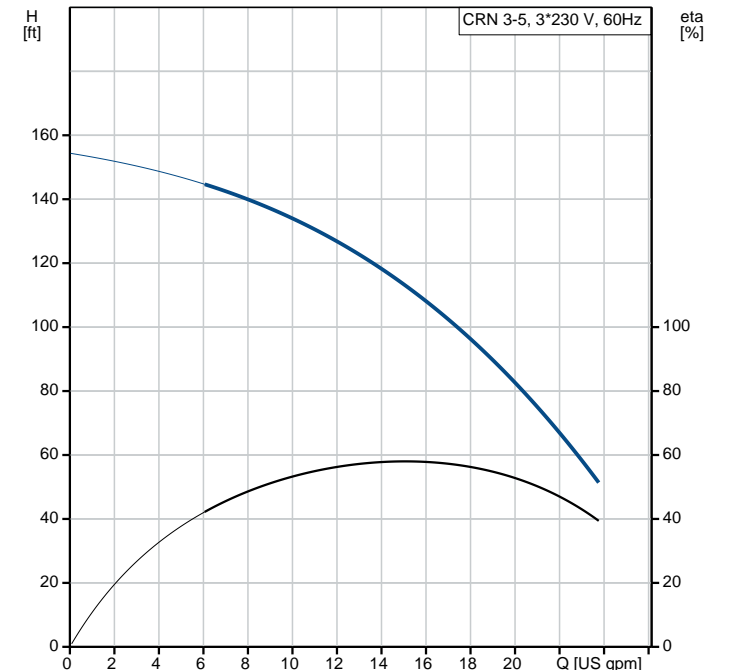
Count	Description
1	<p><b>CRN 3-5A-FGJ-A-E-HQQE</b></p>  <p>Product photo could vary from the actual product</p> <p>Product No.: <a href="#">96083926</a></p> <p>Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p>The 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></p> <p>Frequency converter: NONE</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -4 .. 248 °F</p> <p>Selected liquid temperature: 68 °F</p> <p>Density: 62.29 lb/ft³</p> <p><b>Technical:</b></p> <p>Rated pump speed: 3439 rpm</p> <p>Rated flow: 15.4 US gpm</p> <p>Rated head: 111.2 ft</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Code for shaft seal: HQQE</p> <p>Approvals on nameplate: CURUS,NSF61</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b></p> <p>Base: Stainless steel EN 1.4408 AISI 316</p> <p>Impeller: Stainless steel EN 1.4401 AISI 316</p> <p>Bearing: SIC</p> <p><b>Installation:</b></p> <p>Maximum ambient temperature: 104 °F</p> <p>Maximum operating pressure: 362.59 psi</p> <p>Max pressure at stated temperature: 363 psi / 250 °F 363 psi / -4 °F</p> <p>Type of connection: DIN / ANSI / JIS</p>

Count	Description
	<p>Size of inlet connection: DN 25/32</p> <p>Size of suction port: 1 1/4 inch</p> <p>Size of outlet connection: DN 25/32</p> <p>Size of outlet port: 1 1/4 inch</p> <p>Pressure rating for pipe connection: PN 25</p> <p>Flange rating inlet: 300 lb</p> <p>Flange size for motor: 56C</p> <p><b>Electrical data:</b></p> <p>Motor standard: NEMA</p> <p>Motor type: 71BA</p> <p>Rated power - P2: 0.75 HP</p> <p>Power (P2) required by pump: 0.75 HP</p> <p>Main frequency: 60 Hz</p> <p>Rated voltage: 3 x 208-230YY/460Y V</p> <p>Service factor: 1.25</p> <p>Rated current: 2,40-2,30/1,20 A</p> <p>Starting current: 590-650 %</p> <p>Cos phi - power factor: 0.84-0.78</p> <p>Rated speed: 3430-3460 rpm</p> <p>Motor efficiency at full load: 79.0-80.0 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Motor Number: 85900702</p> <p><b>Others:</b></p> <p>Net weight: 53.4 lb</p> <p>Gross weight: 64.4 lb</p> <p>Shipping volume: 4.94 ft<sup>3</sup></p> <p>Country of origin: US</p> <p>Custom tariff no.: 8413.70.2040</p>

**96083926 CRN 3-5A-FGJ-A-E-HQQE 60 Hz**



Description	Value
<b>General information:</b>	
Product name:	CRN 3-5A-FGJ-A-E-HQQE
Product No.:	96083926
EAN:	5700395180442
<b>Technical:</b>	
Rated pump speed:	3439 rpm
Rated flow:	15.4 US gpm
Rated head:	111.2 ft
Head max:	154.5 ft
Stages:	5
Impellers:	5
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>	
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:	71BA
Rated power - P2:	0.75 HP
Power (P2) required by pump:	0.75 HP
Main frequency:	60 Hz
Rated voltage:	3 x 208-230Y/460Y V
Service factor:	1.25
Rated current:	2,40-2,30/1,20 A
Starting current:	590-650 %
Load current:	2,9-2,75/1,4 A
Cos phi - power factor:	0.84-0.78
Rated speed:	3430-3460 rpm
Motor efficiency at full load:	79.0-80.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting



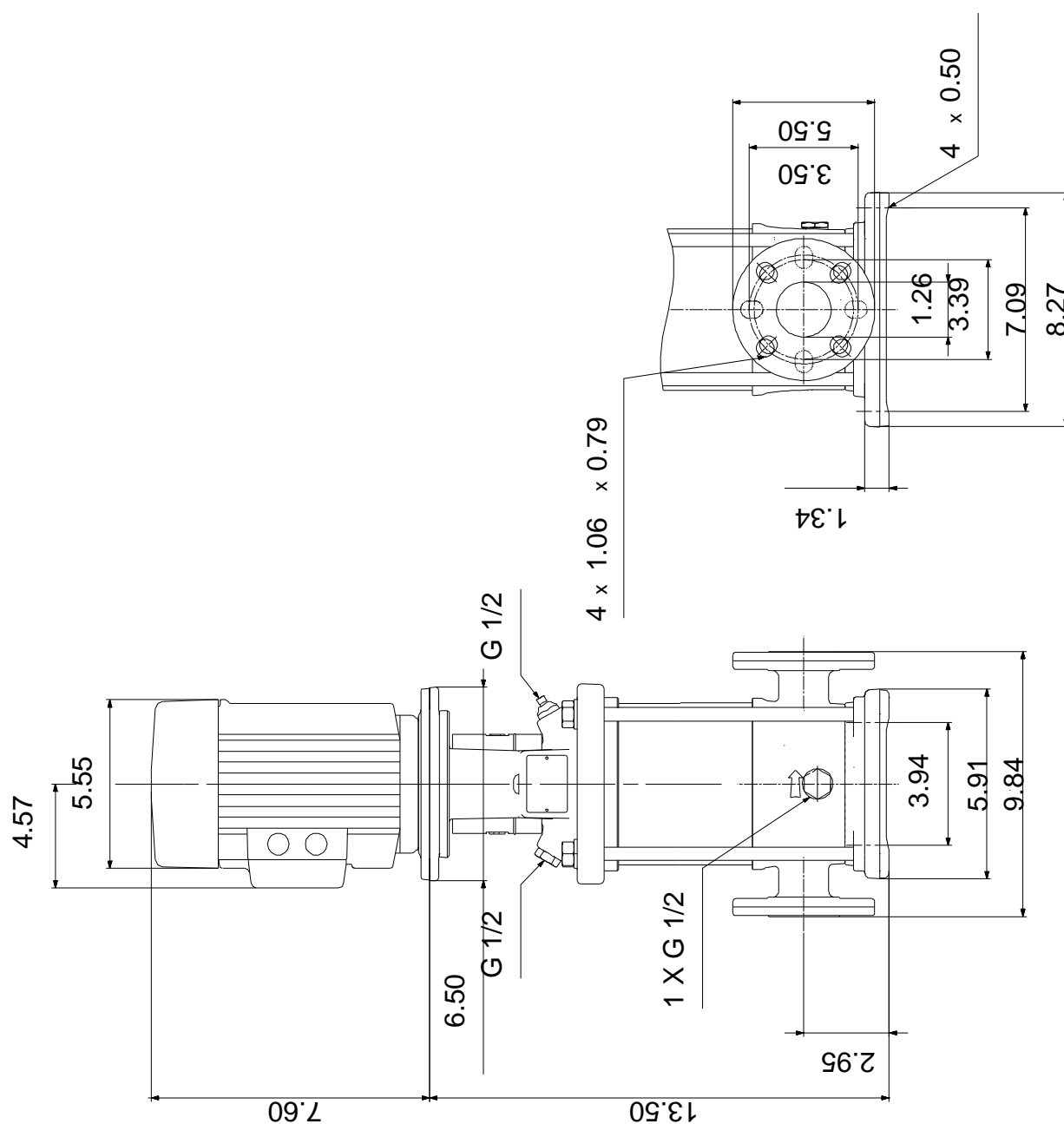


Company name:  
Created by:  
Phone:

Date: 5/15/2019


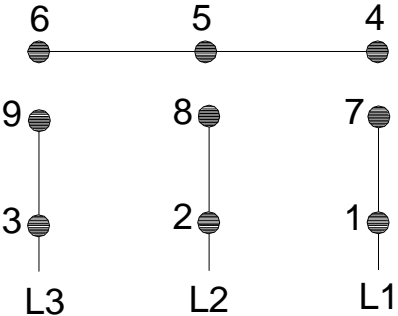
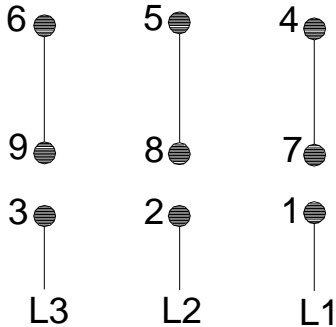
Description	Value
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900702
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	53.4 lb
Gross weight:	64.4 lb
Shipping volume:	4.94 ft³
Country of origin:	US
Custom tariff no.:	8413.70.2040

## 96083926 CRN 3-5A-FGJ-A-E-HQQE 60 Hz





**96083926 CRN 3-5A-FGJ-A-E-HQQE 60 Hz**

 <b>WARNING</b>	
<p>MOTOR MUST BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES BY TRAINED PERSONNEL TO PREVENT SERIOUS ELECTRICAL SHOCKS.</p> <p>TO SERVICE MOTOR, DISCONNECT POWER SOURCE FROM MOTOR AND ANY ACCESSORY DEVICES AND ALLOW MOTOR TO COME TO A COMPLETE STAND STILL.</p>	
<p style="text-align: center;"><b>LOW VOLTAGE</b> 60Hz. 208-230V</p> 	<p style="text-align: center;"><b>HIGH VOLTAGE</b> 60Hz: 460V 50Hz: 400V</p> 
<p>INTERCHANGE ANY TWO LINE WIRES TO REVERSE ROTATION</p>	
<p>THERMOSTAT LEADS (WHEN PROVIDED)</p> <div style="display: flex; justify-content: flex-end; align-items: center;"><div style="width: 20px; height: 10px; background-color: black; border-radius: 5px; margin-right: 5px;"></div>J</div> <div style="display: flex; justify-content: flex-end; align-items: center;"><div style="width: 20px; height: 10px; background-color: black; border-radius: 5px; margin-right: 5px;"></div>J</div>	