

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

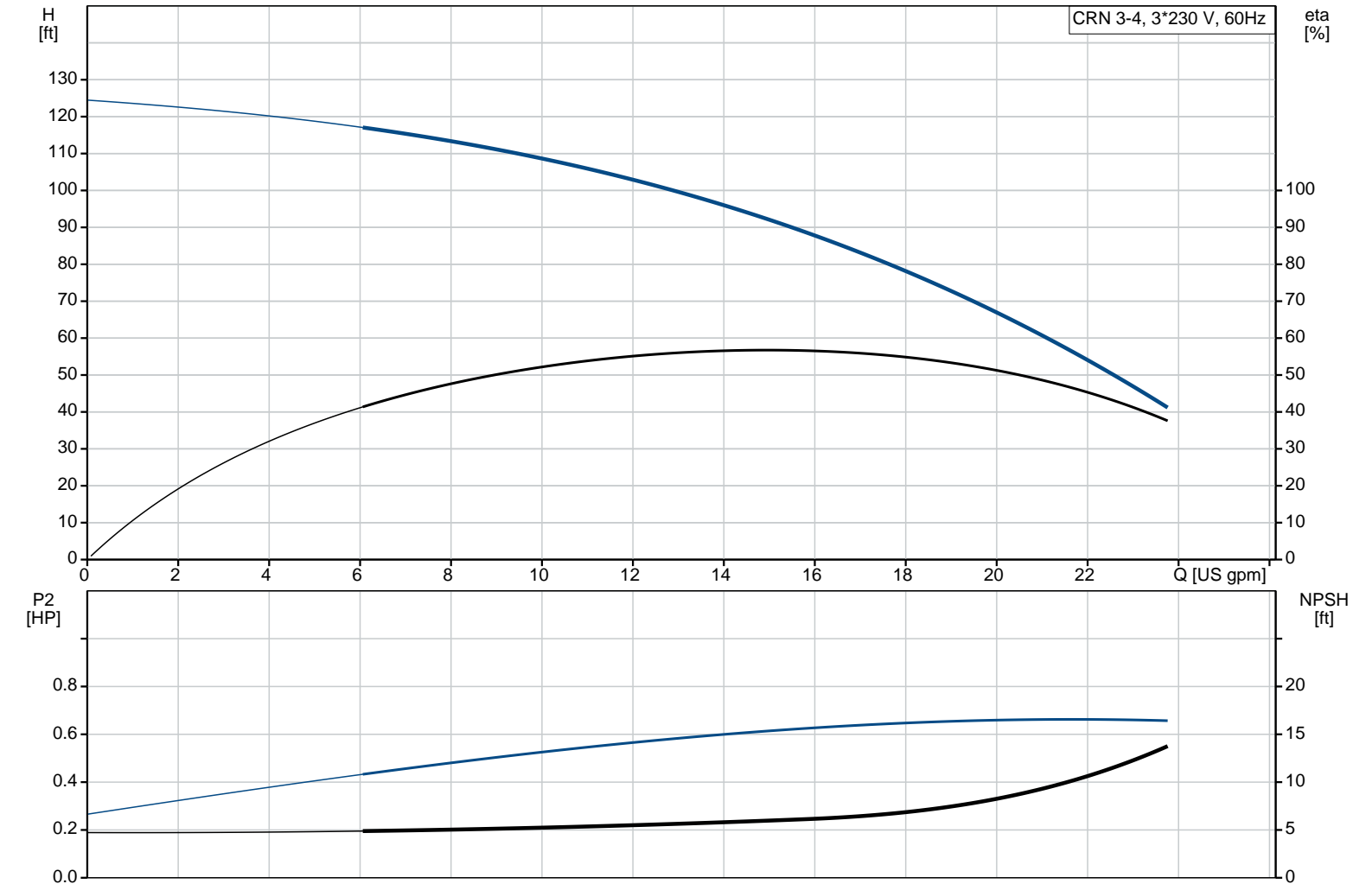


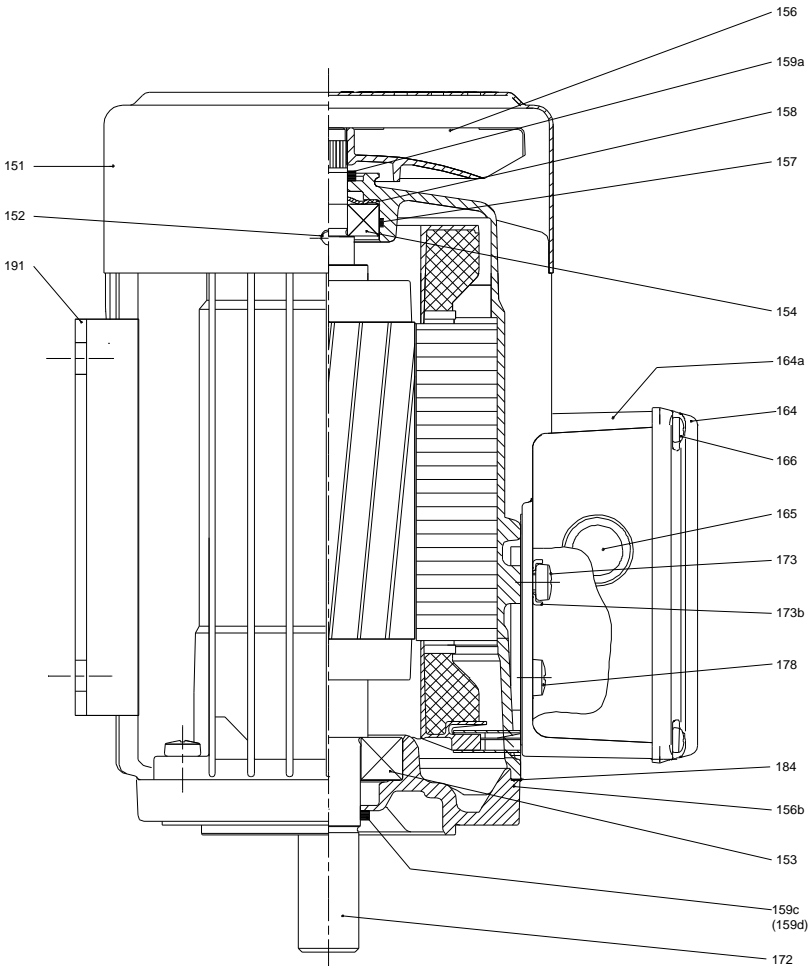
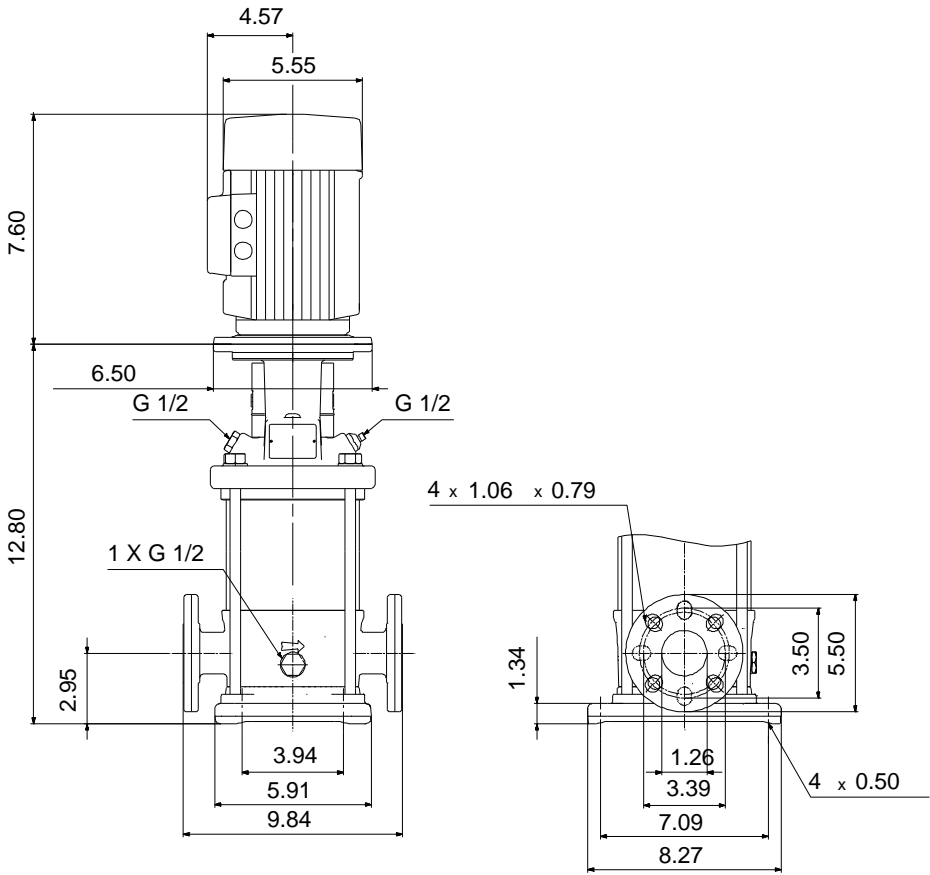
CRN 3-4A-FGJ-A-V-HQQV

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 / 194 °F	Rated power - P2: 0.75 HP
Head: _____	Liquid temperature range: -4 .. 194 °F	Rated voltage: 208-230YY/460Y V
Efficiency: _____	Maximum ambient temperature: 104 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: CURUS	Enclosure class: 55 Dust/Jetting
Temperature: 68 °F	Shaft seal: HQQV	Insulation class: F
NPSH required: ft	Product number: 96084014	Motor protection: NONE
Viscosity: _____		Motor type: 71BA
Specific Gravity: 1.000		Motor_efficiency: 79.0-80.0 %



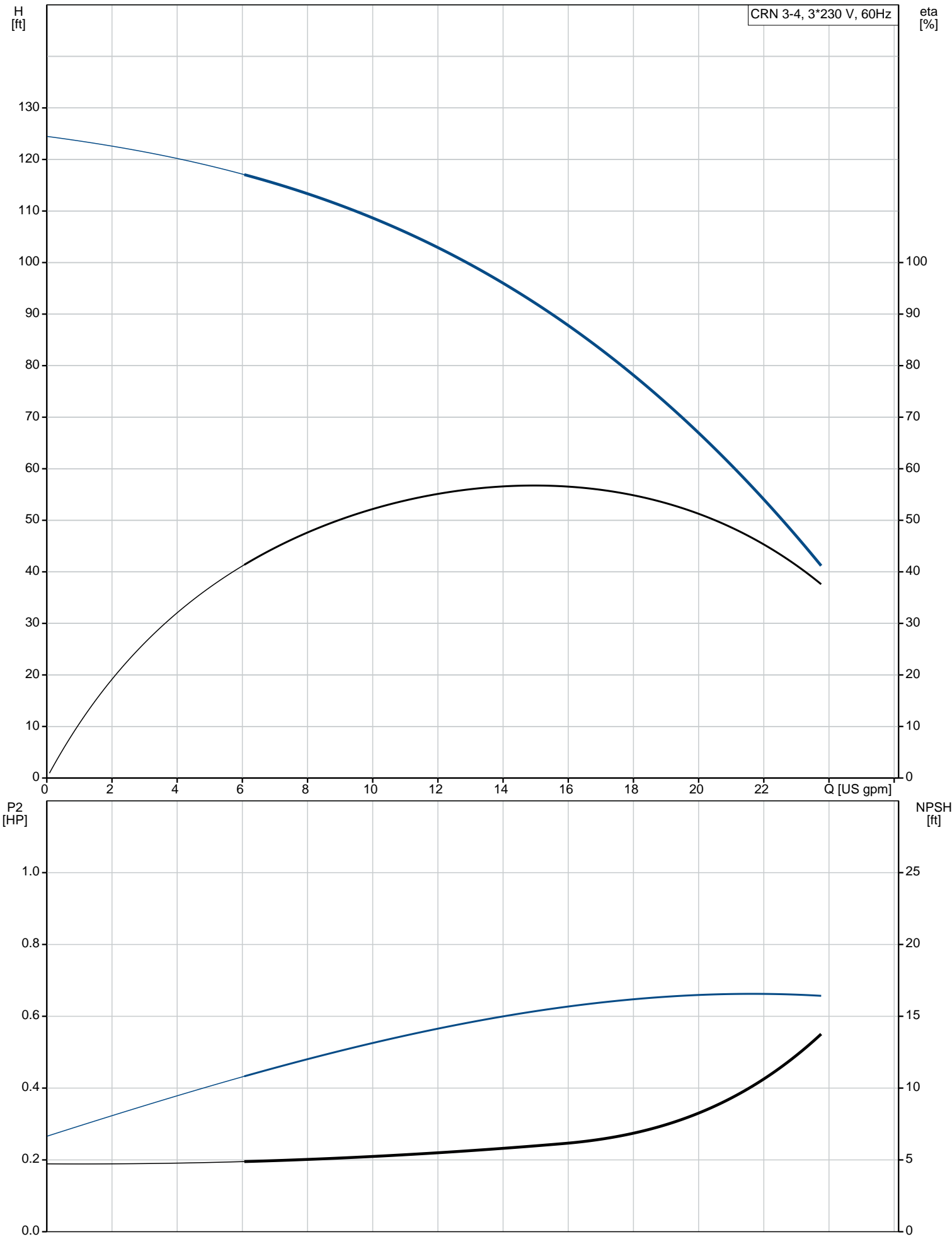


Materials:
Base: Stainless steel
EN 1.4408
AISI 316
Impeller: Stainless steel
AISI 316
EN 1.4401
Material code: A
Code for rubber: V

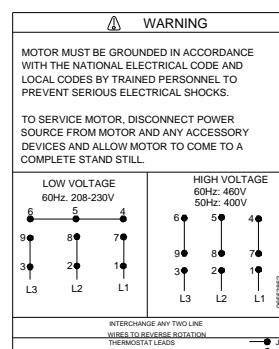
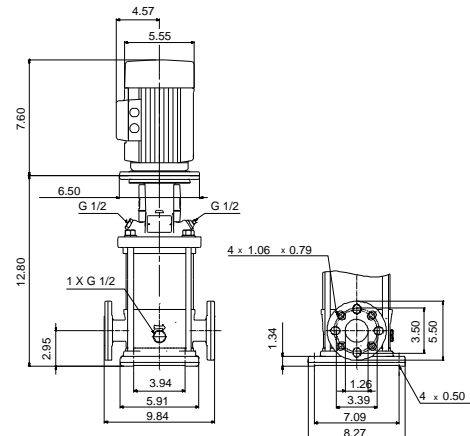
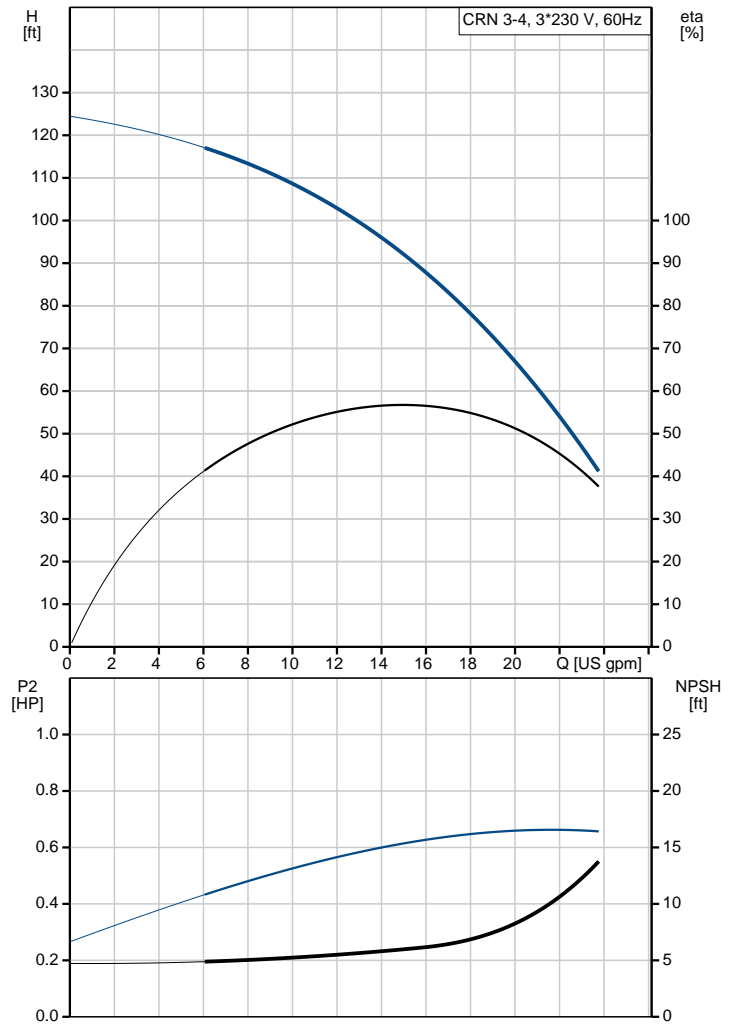
Count	Description
1	<p>CRN 3-4A-FGJ-A-V-HQQV</p>  <p>Product photo could vary from the actual product</p> <p>Product No.: 96084014</p> <p>Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p>The pump has the following characteristics:</p> <ul style="list-style-type: none"> - 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. <p>flanges/couplings.</p> <p>The motor is a 3-phase AC motor.</p> <p>Controls:</p> <p>Frequency converter: NONE</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -4 .. 194 °F</p> <p>Selected liquid temperature: 68 °F</p> <p>Density: 62.29 lb/ft³</p> <p>Technical:</p> <p>Rated pump speed: 3439 rpm</p> <p>Rated flow: 15.4 US gpm</p> <p>Rated head: 90.56 ft</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Code for shaft seal: HQQV</p> <p>Approvals on nameplate: CURUS</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</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>Installation:</p> <p>Maximum ambient temperature: 104 °F</p> <p>Maximum operating pressure: 362.59 psi</p> <p>Max pressure at stated temperature: 363 psi / 194 °F 363 psi / -4 °F</p> <p>Type of connection: DIN / ANSI / JIS</p>

Count	Description
	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: 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 208-230YY/460Y V Service factor: 1.25 Rated current: 2,40-2,30/1,20 A Starting current: 590-650 % 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 Insulation class (IEC 85): F Motor Number: 85900702 Others: Net weight: 52.5 lb Gross weight: 63.5 lb Shipping volume: 4.94 ft ³ Country of origin: US Custom tariff no.: 8413.70.2040

96084014 CRN 3-4A-FGJ-A-V-HQQV 60 Hz



Description	Value
General information:	
Product name:	CRN 3-4A-FGJ-A-V-HQQV
Product No.:	96084014
EAN:	5700395181425
Technical:	
Rated pump speed:	3439 rpm
Rated flow:	15.4 US gpm
Rated head:	90.56 ft
Head max:	124.3 ft
Stages:	4
Impellers:	4
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	CURUS
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:	V
Bearing:	SIC
Installation:	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	362.59 psi
Max pressure at stated temperature:	363 psi / 194 °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:	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 194 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
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



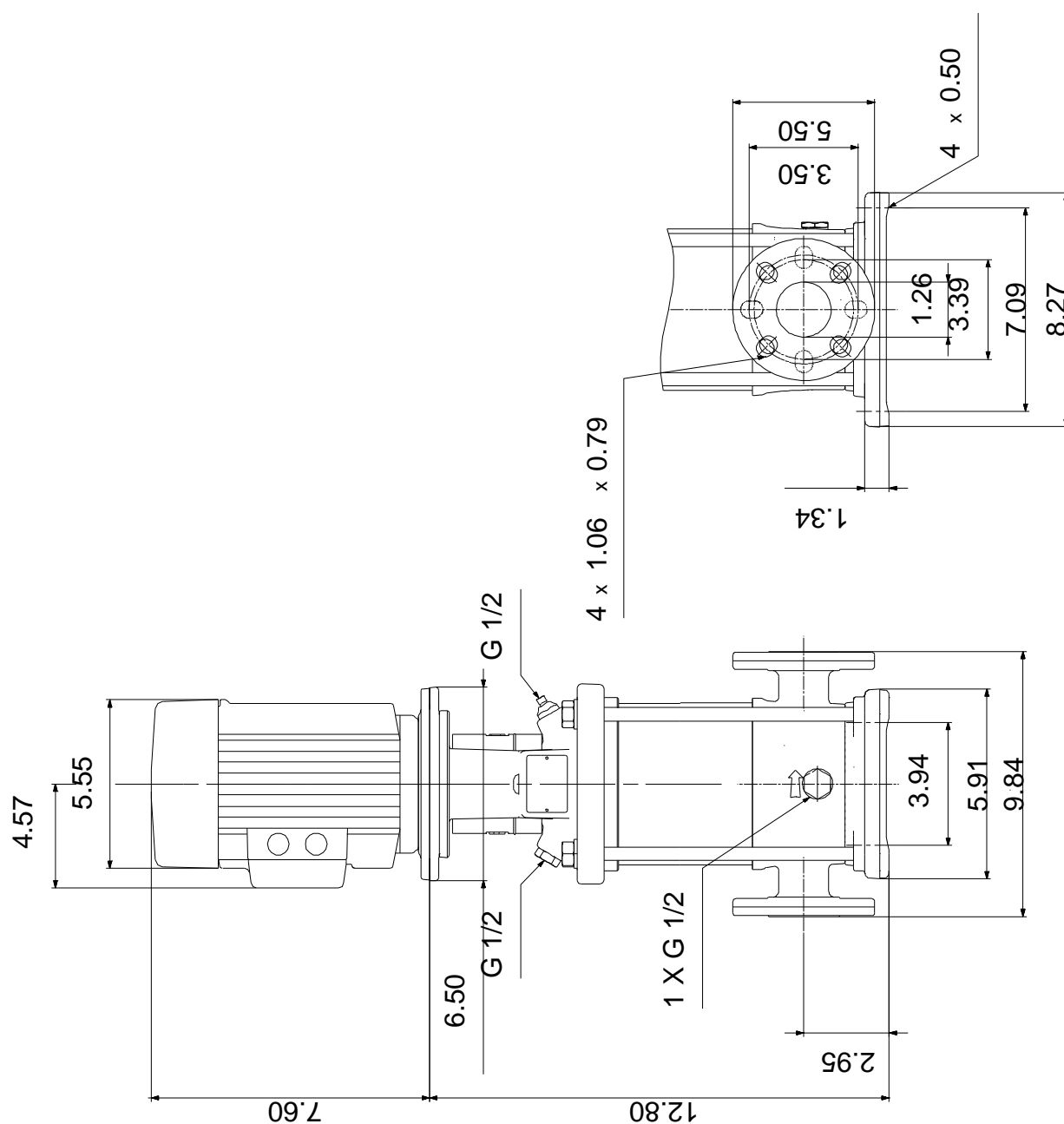


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Created by:
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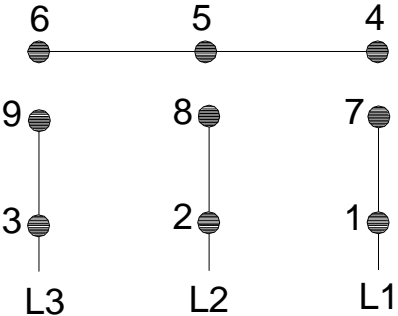
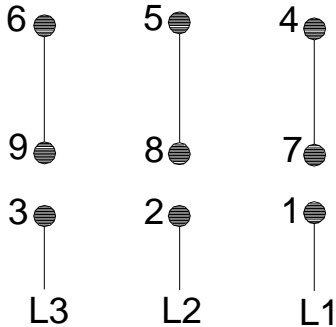
Date: 5/15/2019

Description	Value
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900702
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	52.5 lb
Gross weight:	63.5 lb
Shipping volume:	4.94 ft³
Country of origin:	US
Custom tariff no.:	8413.70.2040

96084014 CRN 3-4A-FGJ-A-V-HQQV 60 Hz



96084014 CRN 3-4A-FGJ-A-V-HQQV 60 Hz

 WARNING	
<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;">LOW VOLTAGE 60Hz. 208-230V</p> 	<p style="text-align: center;">HIGH VOLTAGE 60Hz: 460V 50Hz: 400V</p>  <p style="text-align: right; transform: rotate(-90deg);">96553852</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>	