

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

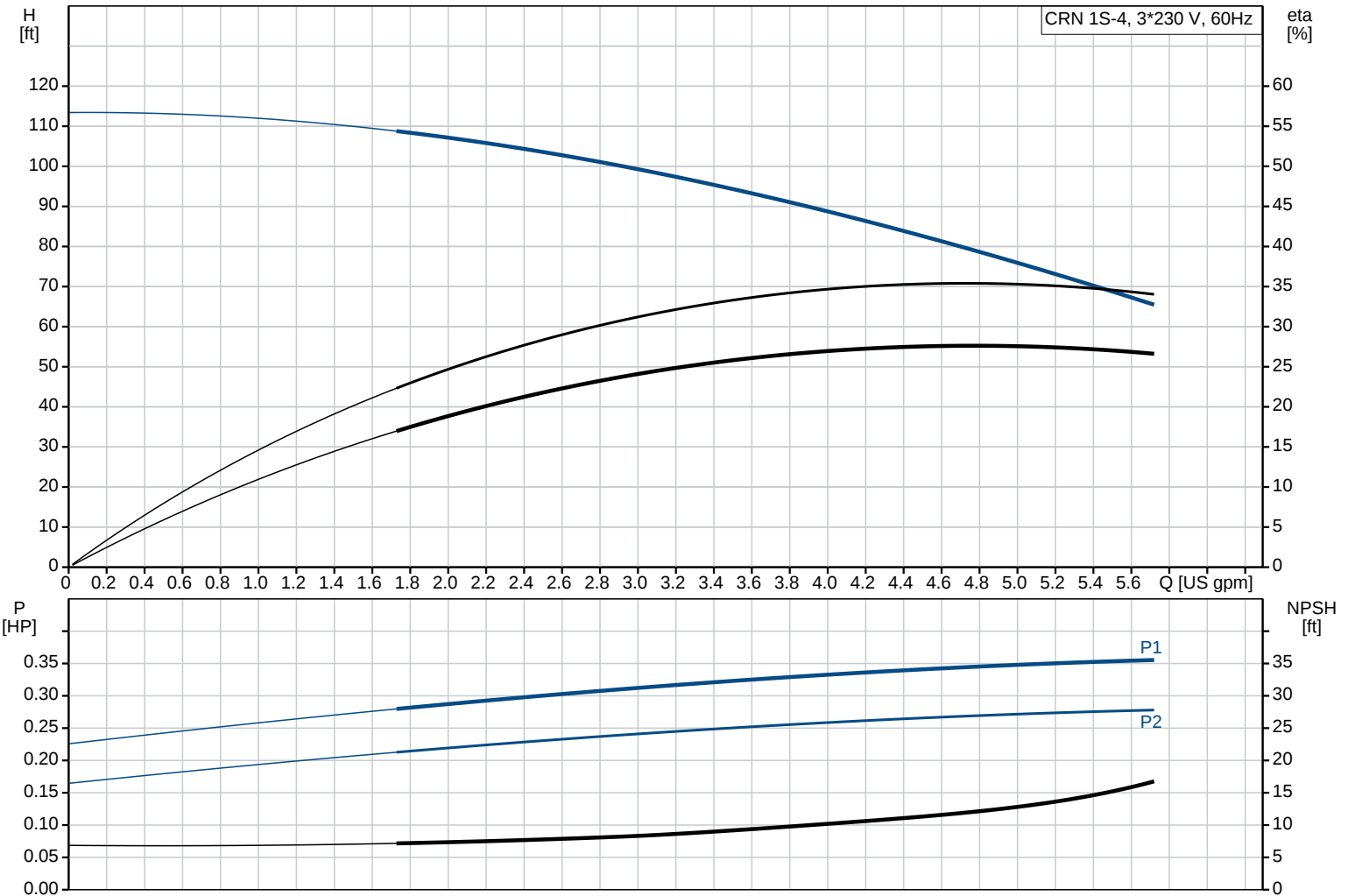


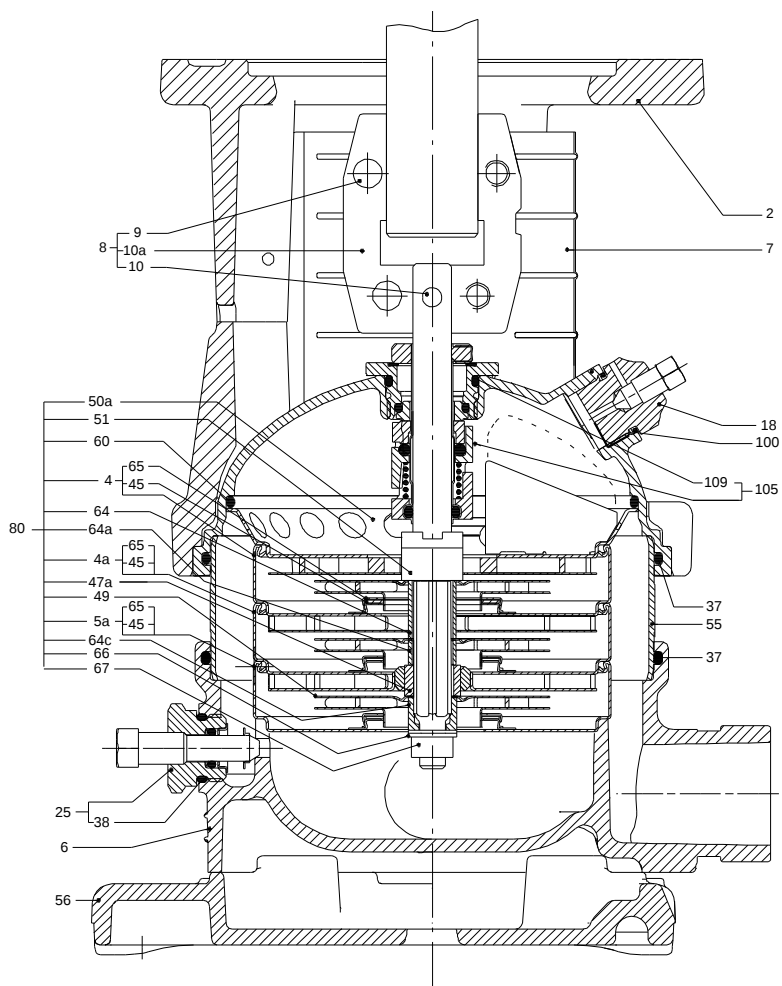
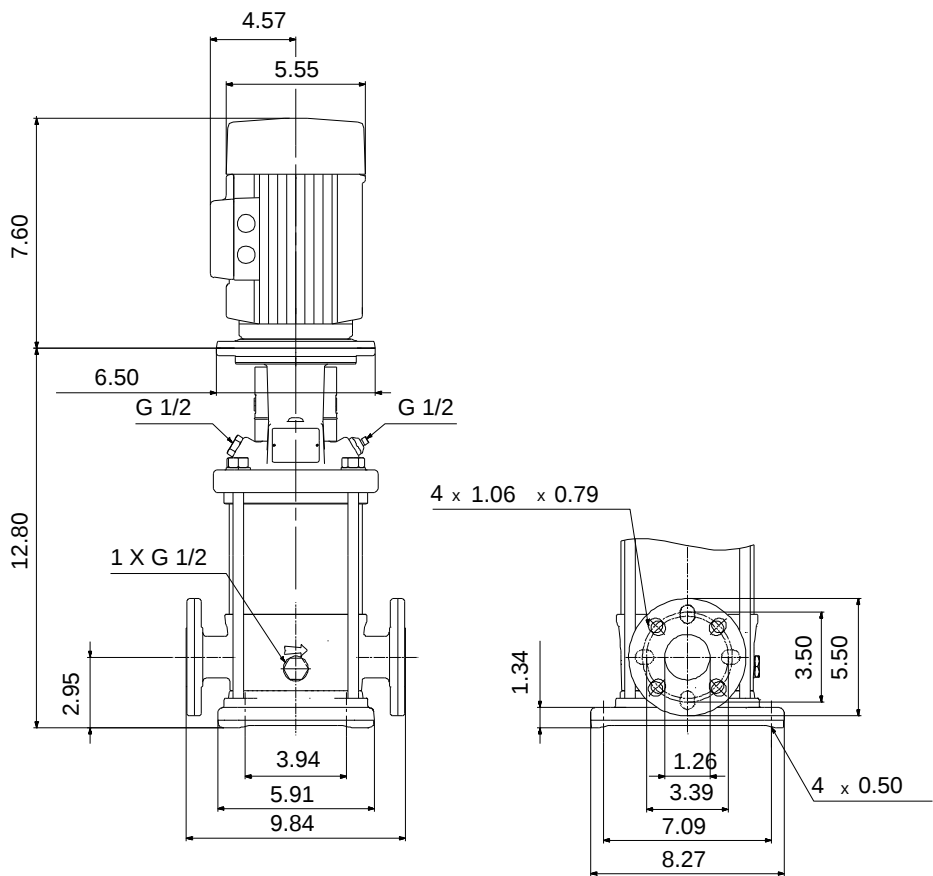
CRN 1S-4 A-FGJ-A-E-HQQE

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: 96081785	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

Position	Count	Description
	1	CRN 1S-4 A-FGJ-A-E-HQQE  Product No.: 96081785 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 3-phase AC motor. Controls: Frequency converter: NONE Liquid: Pumped liquid: Water Liquid temperature range: -4 .. 248 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Technical: Rated flow: 4.84 US gpm Rated head: 77.1 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 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Bearing: SIC Installation: 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 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

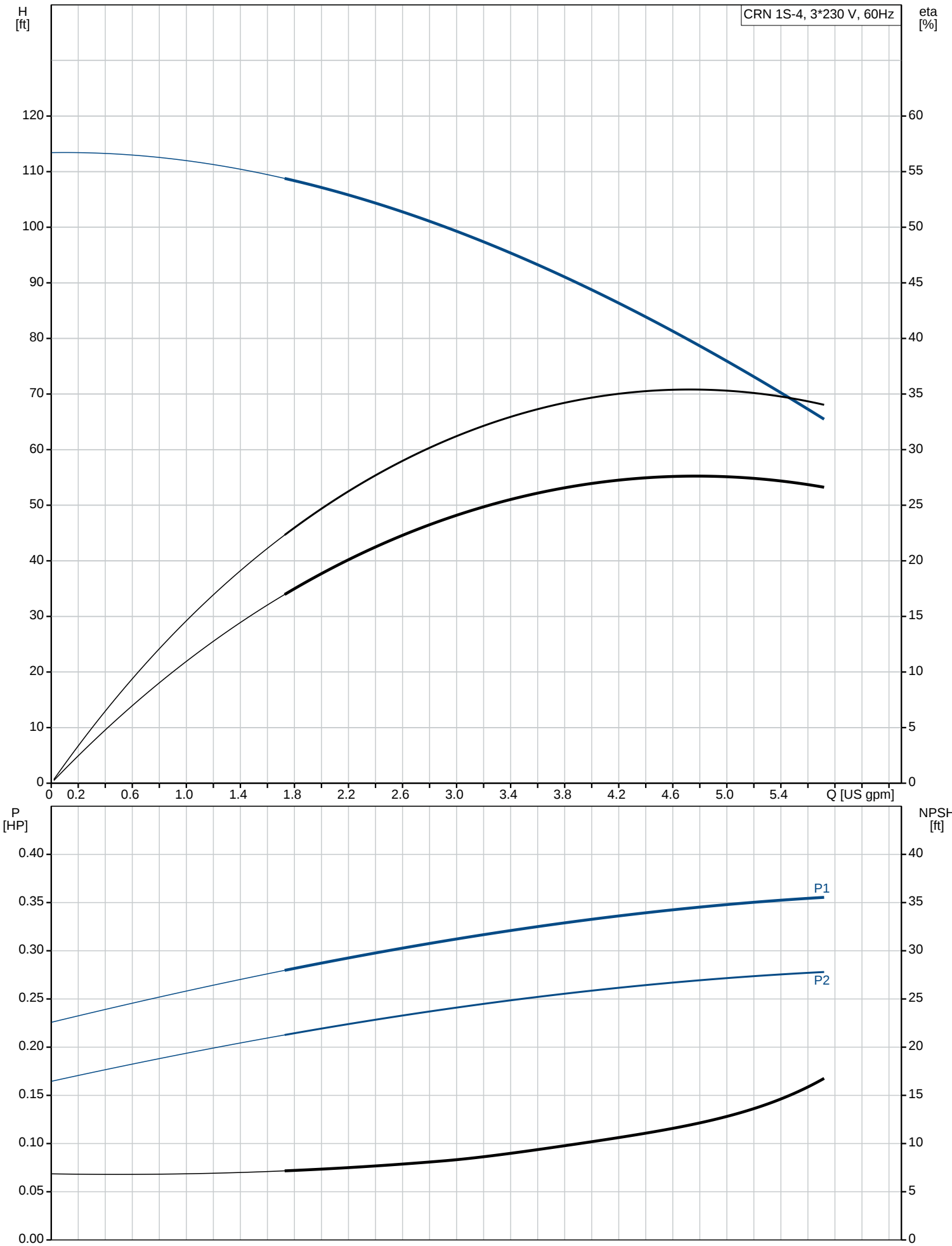


Company name:
Created by:
Phone:

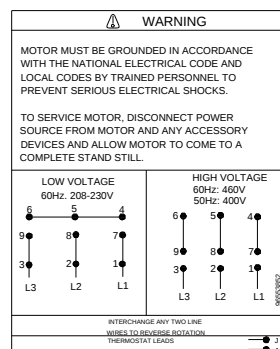
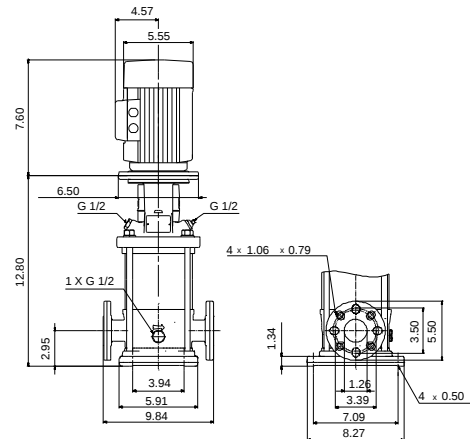
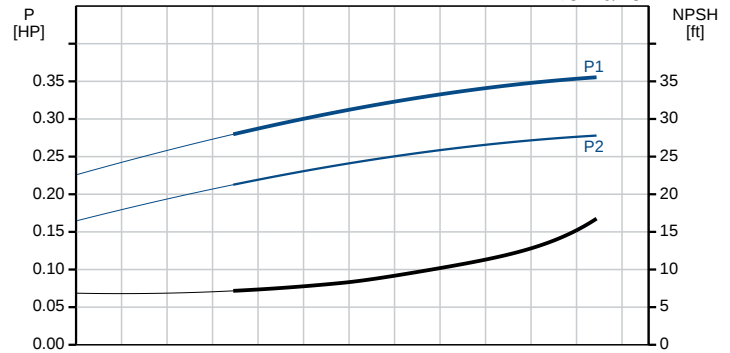
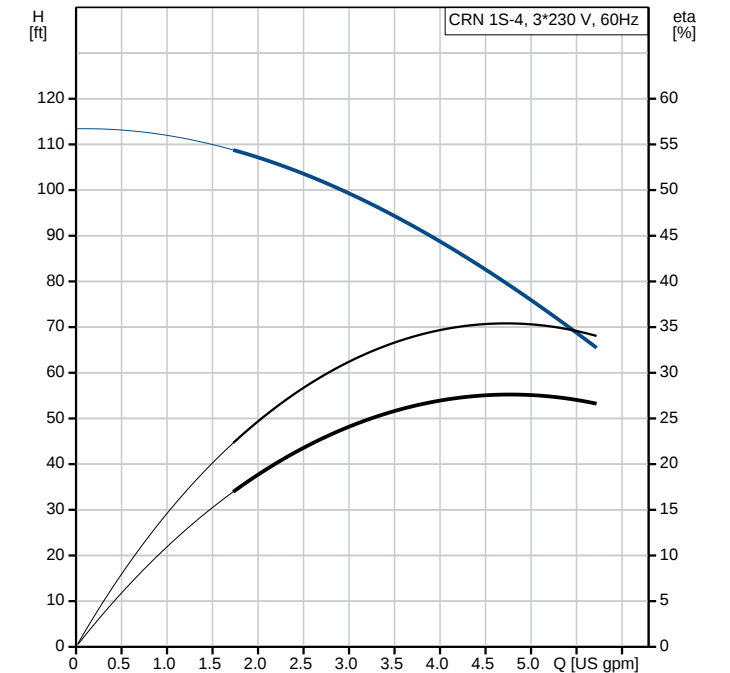
Date: 10/25/2018

Position	Count	Description
		Flange size for motor: 56C
		Electrical data:
		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
		Others:
		Net weight: 51.8 lb
		Gross weight: 62.8 lb
		Shipping volume: 4.94 ft³
		Country of origin: US
		Custom tariff no.: 8413.70.2040

96081785 CRN 1S-4 A-FGJ-A-E-HQQE 60 Hz



Description	Value
General information:	
Product name:	CRN 1S-4 A-FGJ-A-E-HQQE
Product No.:	96081785
EAN:	5700395162394
Technical:	
Rated flow:	4.84 US gpm
Rated head:	77.1 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:	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:	E
Bearing:	SIC
Installation:	
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
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 .. 248 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft ³
Electrical data:	
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



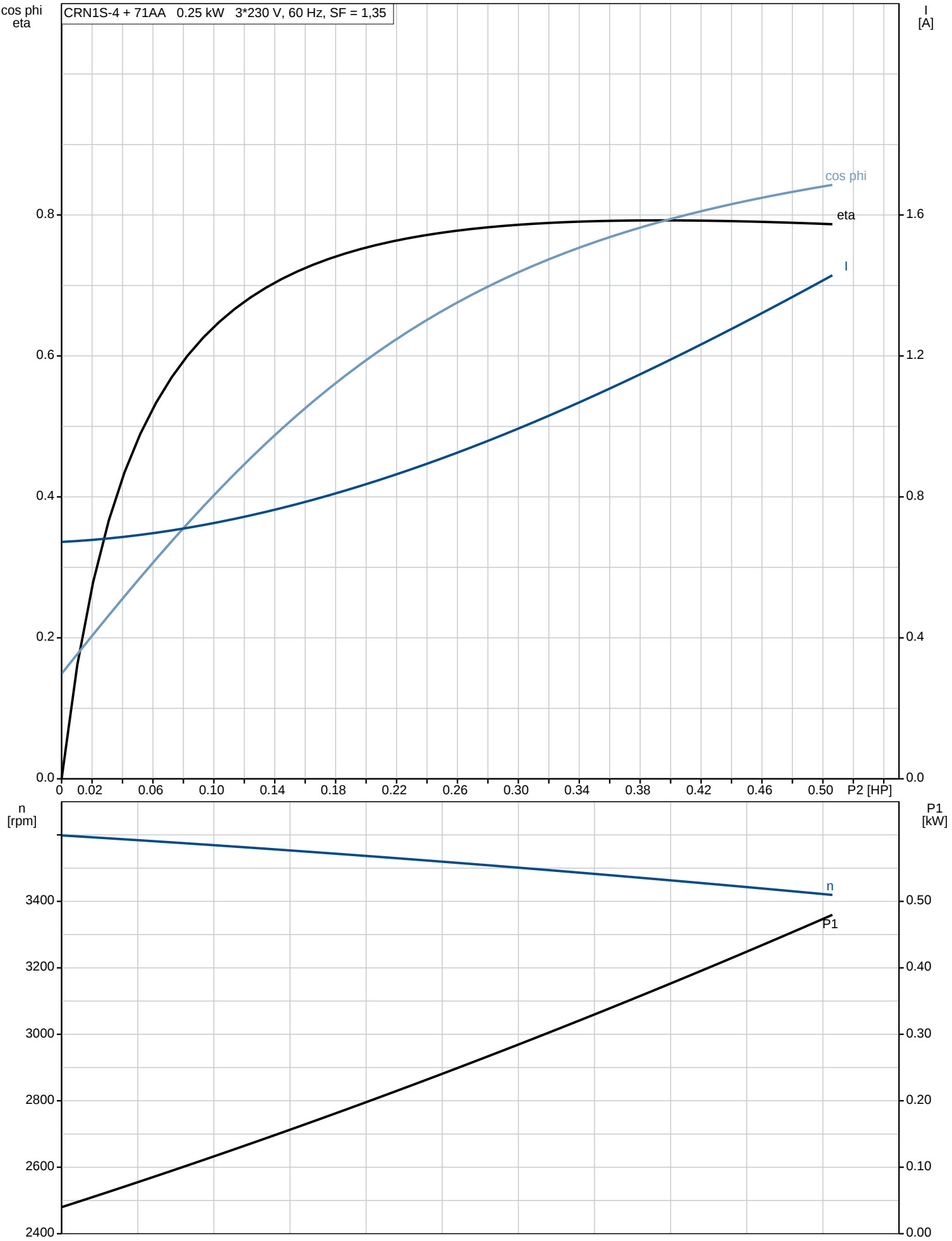


Company name:
Created by:
Phone:

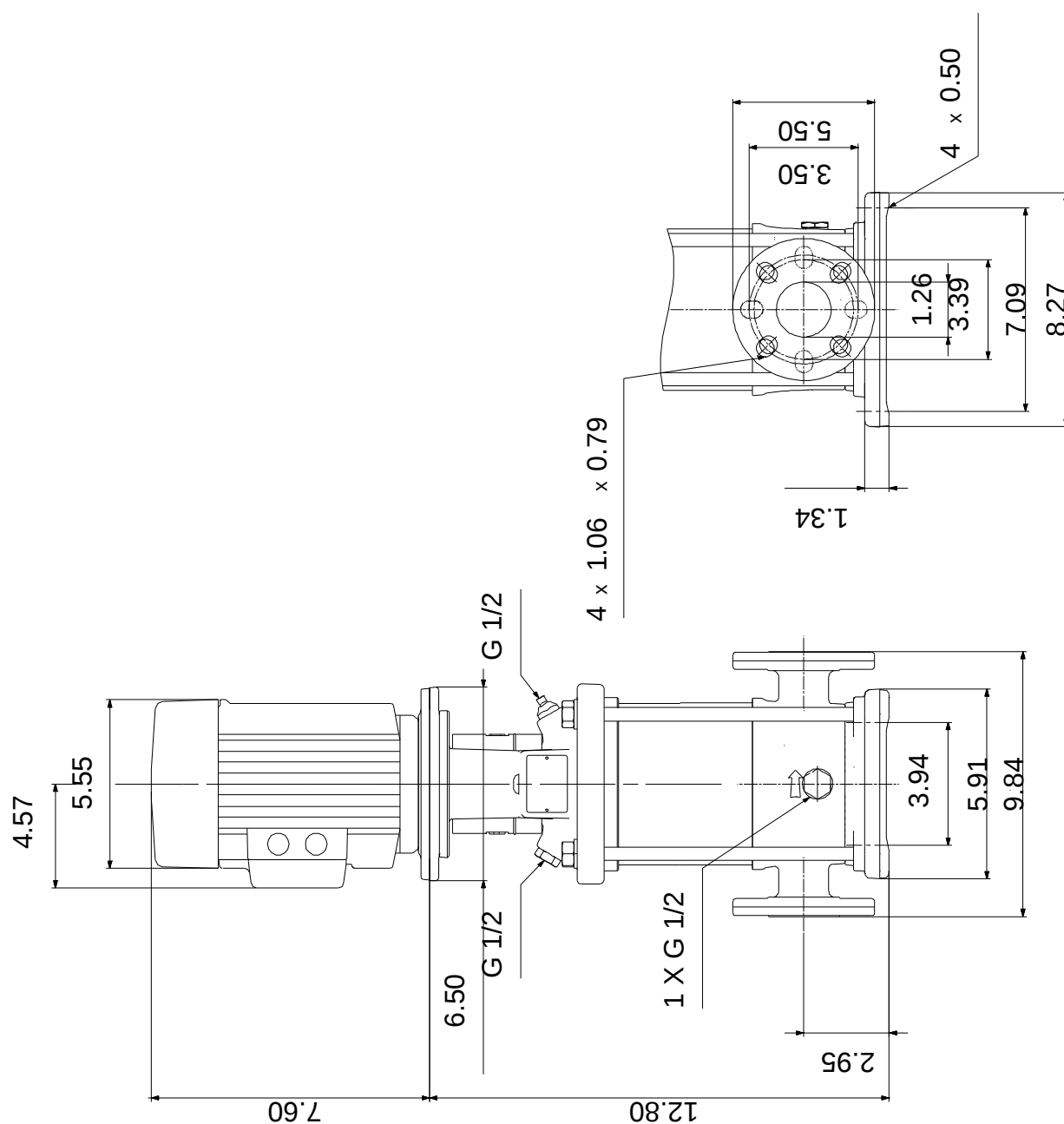
Date: 10/25/2018

Description	Value
Motor Number:	85900700
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	51.8 lb
Gross weight:	62.8 lb
Shipping volume:	4.94 ft³
Country of origin:	US
Custom tariff no.:	8413.70.2040

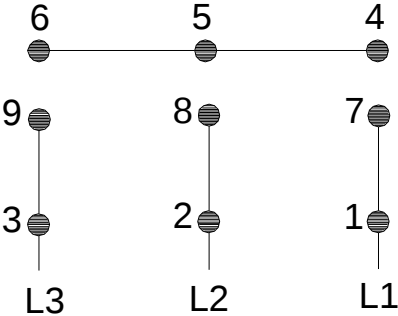
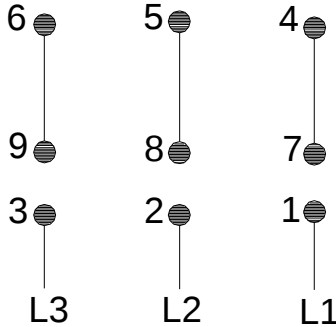
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 WARNING	
MOTOR MUST BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES BY TRAINED PERSONNEL TO PREVENT SERIOUS ELECTRICAL SHOCKS. TO SERVICE MOTOR, DISCONNECT POWER SOURCE FROM MOTOR AND ANY ACCESSORY DEVICES AND ALLOW MOTOR TO COME TO A COMPLETE STAND STILL.	
LOW VOLTAGE 60Hz. 208-230V 	HIGH VOLTAGE 60Hz: 460V 50Hz: 400V  96553852
INTERCHANGE ANY TWO LINE WIRES TO REVERSE ROTATION	
THERMOSTAT LEADS (WHEN PROVIDED) J J	