

Submittal Data

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



Product photo could vary from the actual product

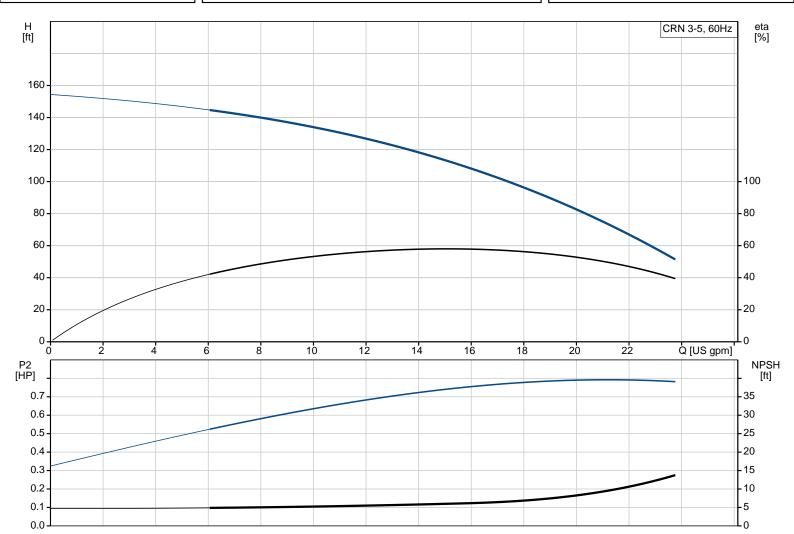
CRN 3-5A-FGJ-A-V-HQQV

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)

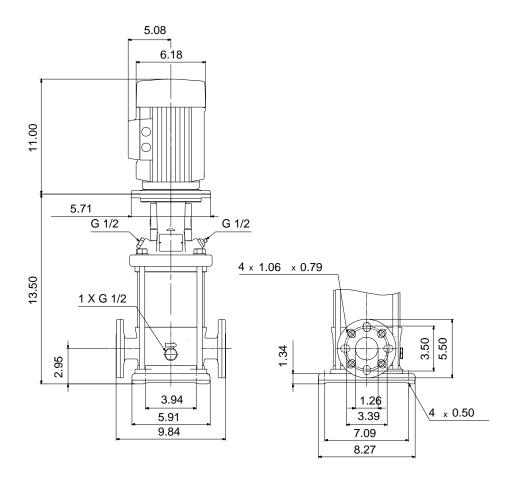
Conditions of Service			
Flow:			
Head:			
Efficiency:			
Liquid:	Water		
Temperature:	68 °F		
NPSH required:	ft		
Viscosity:			
Specific Gravity:	1.000		

Pump Data	
Max pressure at stated temperature:	363 psi / 194 °F
Liquid temperature range:	-4 194 °F
Maximum ambient temperature:	104 °F
Approvals:	CURUS
Shaft seal:	HQQV
Product number:	96084015

Motor Data			
Rated power - P2:	0.75 HP		
Rated voltage:	115/208-230 V		
Main frequency:	60 Hz		
Enclosure class:	54 Dust/Splashing		
Insulation class:	В		
Motor protection:	NONE		
Motor type:	Baldor		







Materials:

Base: Stainless steel

EN 1.4408

AISI 316

Impeller: Stainless steel

AISI 316

EN 1.4401

Material code: A Code for rubber: V



Date: 5/16/2019

Count | Description

1

CRN 3-5A-FGJ-A-V-HQQV



Product No.: 96084015

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 1-phase AC motor.

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water
Liquid temperature range: -4 .. 194 °F
Selected liquid temperature: 68 °F
Density: 62.29 lb/ft³

Technical:

Rated pump speed: 3464 rpm
Rated flow: 15.4 US gpm
Rated head: 111.2 ft
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQV
Approvals on nameplate: CURUS

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: 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



Date: 5/16/2019

Count | Description

Flange rating inlet: 300 lb Flange size for motor: 56C

Electrical data:

Motor standard: NEMA
Motor type: Baldor
Rated power - P2: 0.75 HP
Power (P2) required by pump: 0.75 HP
Main frequency: 60 Hz

Rated voltage: 1 x 115/208-230 V

Service factor: 1.25

Rated current: 9,60/5,00-4,80 A Rated speed: 3450 rpm

Number of poles: 2

Enclosure class (IEC 34-5): 54 Dust/Splashing

Insulation class (IEC 85): B

Motor Number: 84Z04001

Others:

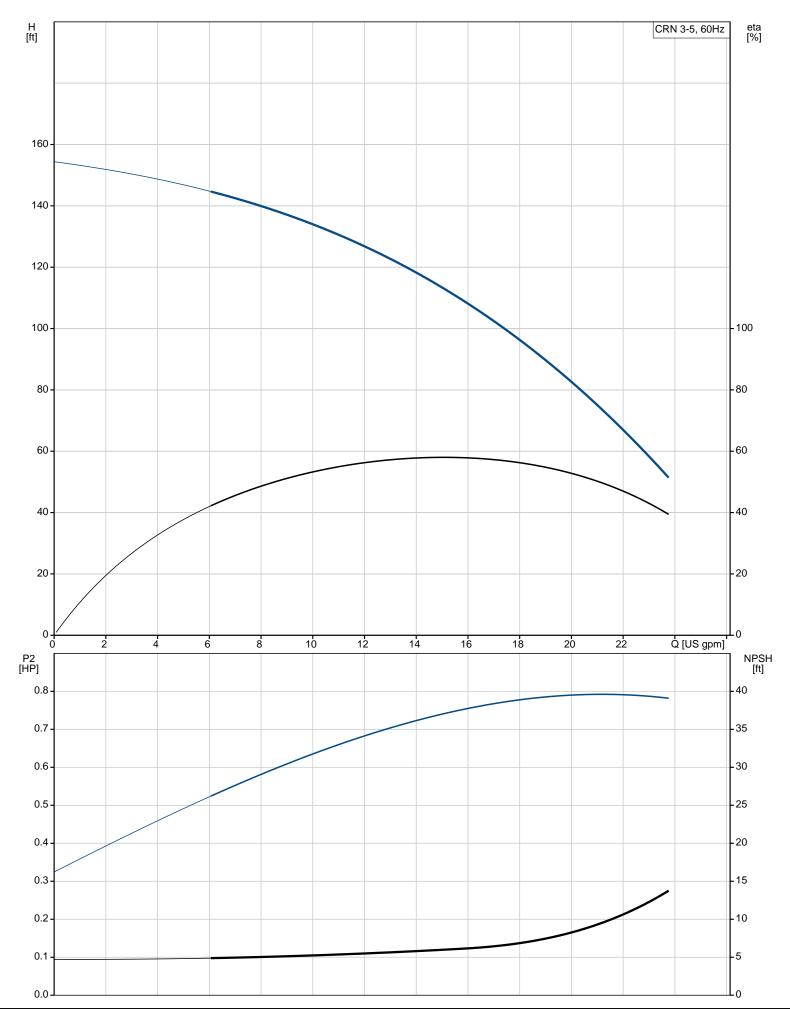
Net weight: 62 lb
Gross weight: 73 lb
Shipping volume: 4.94 ft³
Country of origin: US

Custom tariff no.: 8413.70.2040



Date: 5/16/2019

96084015 CRN 3-5A-FGJ-A-V-HQQV 60 Hz





Date:	5/16/2019

Description	Value
General information:	14.00
Product name:	CRN 3-5A-FGJ-A-V-HQQV
Product No.:	96084015
EAN:	5700395181432
Technical:	0.00000.0.101
Rated pump speed:	3464 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:	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 A
Code for rubber:	V
Bearing:	SIC
Installation:	
	10105
Maximum ambient temperature:	104 °F
Maximum operating pressure:	362.59 psi
	362.59 psi 363 psi / 194 °F
Maximum operating pressure:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F
Maximum operating pressure:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS
Maximum operating pressure: Max pressure at stated temperature:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F
Maximum operating pressure: Max pressure at stated temperature: Type of connection:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 0.75 HP
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 0.75 HP
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 0.75 HP 0.75 HP
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 0.75 HP 0.75 HP 60 Hz
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 0.75 HP 0.75 HP 60 Hz 1 x 115/208-230 V
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Service factor:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 0.75 HP 0.75 HP 60 Hz 1 x 115/208-230 V 1.25
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Service factor: Rated current: Load current:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 0.75 HP 0.75 HP 0.75 HP 60 Hz 1 x 115/208-230 V 1.25 9,60/5,00-4,80 A 11.4/6.0-5.7 A
Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of outlet connection: Size of outlet port: Pressure rating for pipe connection: Flange rating inlet: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Service factor: Rated current:	362.59 psi 363 psi / 194 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25 300 lb 56C FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 0.75 HP 0.75 HP 60 Hz 1 x 115/208-230 V 1.25 9,60/5,00-4,80 A

54 Dust/Splashing

В

NONE

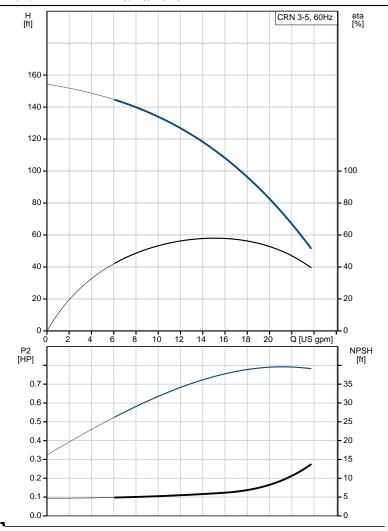
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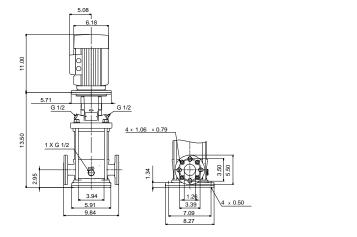
Enclosure class (IEC 34-5):

Insulation class (IEC 85):

Motor protection:

Motor Number:









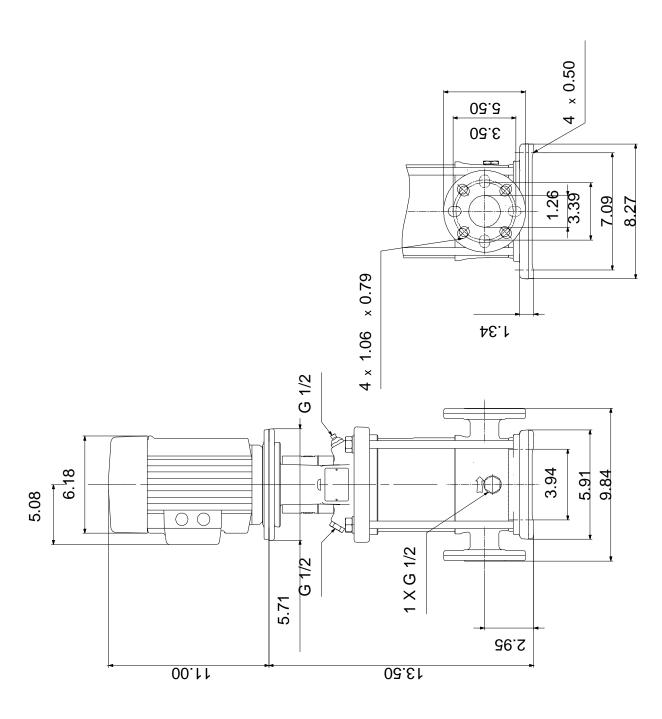
Date: 5/16/2019

Value
NONE
62 lb
73 lb
4.94 ft ³
US
8413.70.2040



Date: 5/16/2019

96084015 CRN 3-5A-FGJ-A-V-HQQV 60 Hz





Date: 5/16/2019

96084015 CRN 3-5A-FGJ-A-V-HQQV 60 Hz

