

Date: 3/14/2019

Count | Description

1 CRN 5-10 A-FGJ-A-E-HQQE



Product photo could vary from the actual product

Product No.: 97766476

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 .. 248 °F
Liquid temperature during operation: 68 °F
Density: 62.29 lb/ft³

Technical:

Rated pump speed: 3457 rpm
Rated flow: 30.4 US gpm
Rated head: 241.2 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 SIC

Bearing:



Date: 3/14/2019

Count | Description

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:

Size of inlet connection:

DIN / ANSI / JIS

DN 25/32

Size of suction port:

1 1/4 inch

DN 25/32

Size of outlet connection:

DN 25/32

1 1/4 inch

Pressure rating for pipe connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: 182TC

Electrical data:

Motor standard: NEMA
Motor type: Baldor
Rated power - P2: 5 HP
Power (P2) required by pump: 5 HP
Main frequency: 60 Hz

Rated voltage: 1 x 208-230 V

Service factor: 1.15
Rated current: 24.0-22.0 A
Rated speed: 3450 rpm

Number of poles: 2

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

Insulation class (IEC 85): F

Others:

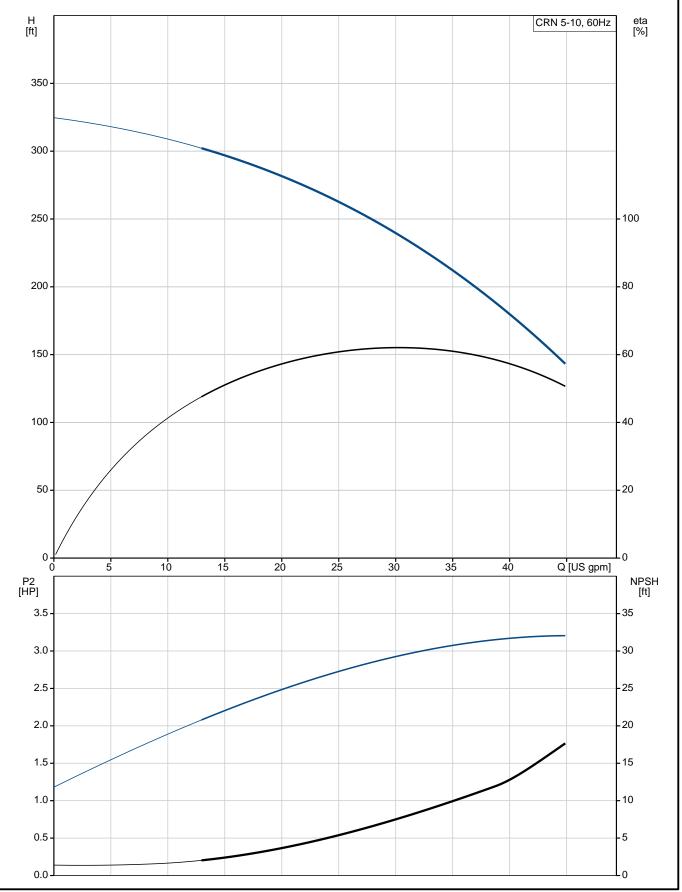
Net weight: 149 lb
Gross weight: 164 lb
Shipping volume: 8.26 ft³
Country of origin: US

Custom tariff no.: 8413.70.2040



Date: 3/14/2019

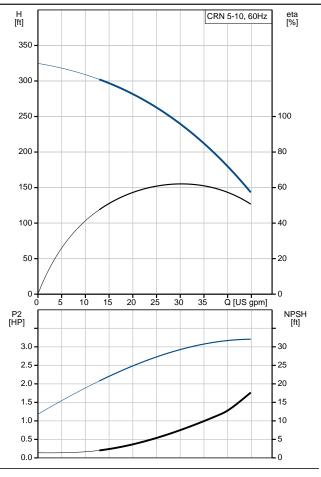
97766476 CRN 5-10 A-FGJ-A-E-HQQE 60 Hz

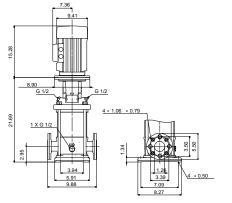


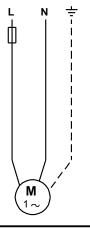


Date: 3/14/2019

Description	Value
General information:	
Product name:	CRN 5-10
	A-FGJ-A-E-HQQE
Product No.:	97766476
EAN:	5710624013601
Technical:	
Rated pump speed:	3457 rpm
Rated flow:	30.4 US gpm
Rated head:	241.2 ft
Head max:	326.1 ft
Stages:	10
Impellers:	10
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:	TEFC
Base:	Stainless steel
base.	EN 1.4408
Impollor	AISI 316
Impeller:	Stainless steel EN 1.4401
	·
Matarial anda.	AISI 316
Material code:	A
O- d- (d- b	
Code for rubber:	E
Bearing:	E SIC
Bearing: Installation:	SIC
Bearing: Installation: Maximum ambient temperature:	SIC 104 °F
Bearing: Installation: Maximum ambient temperature: Maximum operating pressure:	SIC 104 °F 363 psi
Bearing: Installation: Maximum ambient temperature:	SIC 104 °F 363 psi 363 psi / 250 °F
Bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temperature:	SIC 104 °F 363 psi 363 psi / 250 °F 363 psi / -4 °F
Bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temperature: Type of connection:	SIC 104 °F 363 psi 363 psi / 250 °F 363 psi / -4 °F DIN / ANSI / JIS
Bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection:	SIC 104 °F 363 psi 363 psi / 250 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32
Bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port:	SIC 104 °F 363 psi 363 psi / 250 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch
Bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temperature: Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection:	SIC 104 °F 363 psi 363 psi / 250 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32
Bearing: Installation: Maximum ambient temperature: 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:	SIC 104 °F 363 psi 363 psi / 250 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch
Bearing: Installation: Maximum ambient temperature: 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:	SIC 104 °F 363 psi 363 psi / 250 °F 363 psi / -4 °F DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch PN 25
Bearing: Installation: Maximum ambient temperature: 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:	SIC 104 °F 363 psi 363 psi / 250 °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
Bearing: Installation: Maximum ambient temperature: 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:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC
Bearing: Installation: Maximum ambient temperature: 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:	SIC 104 °F 363 psi 363 psi / 250 °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
Bearing: Installation: Maximum ambient temperature: 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:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ
Bearing: Installation: Maximum ambient temperature: 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:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water
Bearing: Installation: Maximum ambient temperature: 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:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F
Bearing: Installation: Maximum ambient temperature: 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: Liquid temperature during operation:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F 68 °F
Bearing: Installation: Maximum ambient temperature: 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: Liquid temperature during operation: Density:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F
Bearing: Installation: Maximum ambient temperature: 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: Liquid temperature during operation: Density: Electrical data:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F 68 °F 62.29 lb/ft³
Bearing: Installation: Maximum ambient temperature: 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: Liquid temperature during operation: Density: Electrical data: Motor standard:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F 68 °F 62.29 lb/ft³ NEMA
Bearing: Installation: Maximum ambient temperature: 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: Liquid temperature during operation: Density: Electrical data:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F 68 °F 62.29 lb/ft³
Bearing: Installation: Maximum ambient temperature: 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: Liquid temperature during operation: Density: Electrical data: Motor standard:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F 68 °F 62.29 lb/ft³ NEMA
Bearing: Installation: Maximum ambient temperature: 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: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor type:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F 68 °F 62.29 lb/ft³ NEMA Baldor
Bearing: Installation: Maximum ambient temperature: 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: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor type: Rated power - P2:	SIC 104 °F 363 psi 363 psi / 250 °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 182TC FGJ Water -4 248 °F 68 °F 62.29 lb/ft³ NEMA Baldor 5 HP









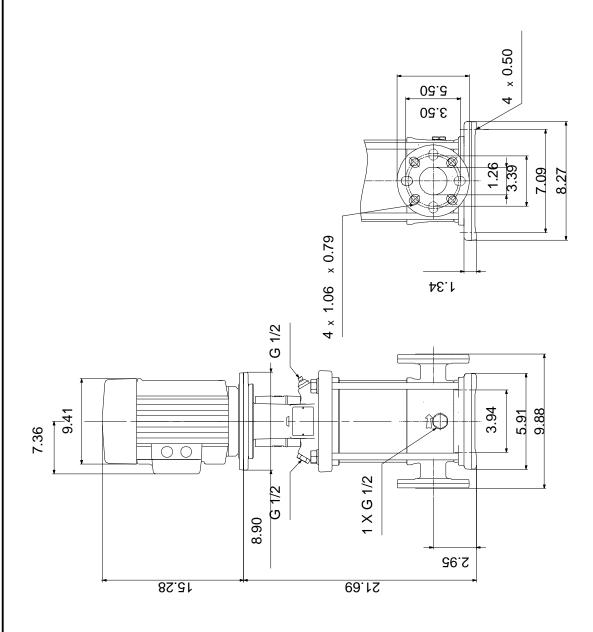
Date: 3/14/2019

Description	Value
Service factor:	1.15
Rated current:	24.0-22.0 A
Load current:	27.0-25.0 A
Rated speed:	3450 rpm
Number of poles:	2
Enclosure class (IEC 34-5):	54 Dust/Splashing
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85700012
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	149 lb
Gross weight:	164 lb
Shipping volume:	8.26 ft ³
Country of origin:	US
Custom tariff no.:	8413.70.2040



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97766476 CRN 5-10 A-FGJ-A-E-HQQE 60 Hz

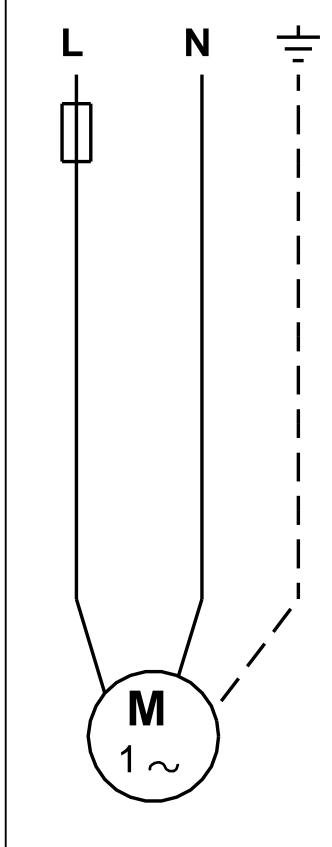


Note! All units are in [mm] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



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97766476 CRN 5-10 A-FGJ-A-E-HQQE 60 Hz



All units are [mm] unless otherwise presented.