

## Submittal Data

0

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

0.0-

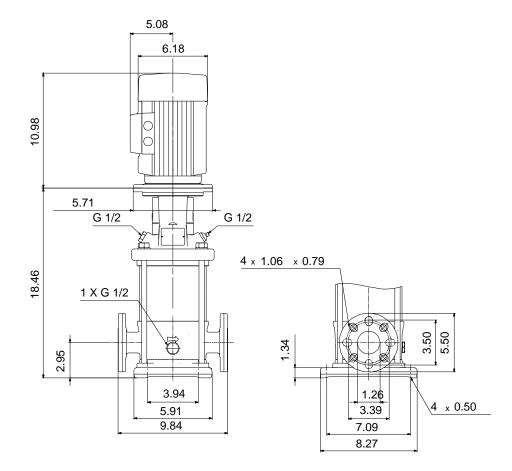
### CRN 1S-12 A-FGJ-A-V-HQQV

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		Pump Data		Moto	or Data
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	Water 68 °F ft 1.000	Liquid tempe	re at stated temperature: erature range: mbient temperature: nber:	<ul> <li>363 psi / 194 °F</li> <li>-4 194 °F</li> <li>104 °F</li> <li>CURUS</li> <li>HQQV</li> <li>96081895</li> </ul>	Rated power - P2: Rated voltage: Main frequency: Enclosure class: Insulation class: Motor protection: Motor type:	0.75 HP 115/208-230 V 60 Hz 54 Dust/Splashing B NONE Baldor
H [ft] 350-						eta [%]
300 -						-60
250-						
200-						40
150-						
100 -						-20
50-						
	0.6 0.8 1.0 1.2	1.4 1.6 1.8 2.0	2.2 2.4 2.6 2.8 3.0 3.2 3	3.4 3.6 3.8 4.0 4.2 4.4	4.6 4.8 5.0 5.2 5.4 5.0	
P2 [HP]						NPSH
0.7- 0.6- 0.5-						- 35 - 30 - 25
0.4 - 0.3 -						- 20
0.2 - 0.1 -						-10

# 

# Submittal Data



Materials: Base:

Impeller:

Stainless steel EN 1.4408 AISI 316 Stainless steel AISI 316 EN 1.4401 A

Material code: A Code for rubber: V



Count | Description

1 CRN 1S-12 A-FGJ-A-V-HQQV



Product No.: 96081895 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:WaterLiquid temperature range:-4 .. 194 °FLiquid temperature during operation:68 °FDensity:62.29 lb/ft³

#### Technical:

rechinical.		
Rated pump speed:	3464 rpm	
Rated flow:	4.84 US gpm	
Rated head:	215.9 ft	
Pump orientation:	Vertical	
Shaft seal arrangement:	Single	
Code for shaft seal:	HQQV	
Approvals on nameplate:	CURUS	
Curve tolerance:	ISO9906:2012 3B	
Materials:	0	
Base:	Stainless steel	
	EN 1.4408	
lasa allasi	AISI 316	
Impeller:	Stainless steel	
	EN 1.4401 AISI 316	
Bearing:	SIC	
bearing.	510	
Installation:		
Maximum ambient temperature:	104 °F	
Maximum operating pressure:		
Max pressure at stated temperat		
	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:

12/14/2018



Count | Description

Flange rating inlet:300 lbFlange size for motor:56CElectrical data:NEMA

Motor Standard.	NEWA
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):	В

#### Others:

Net weight:	67.9 lb
Gross weight:	82.4 lb
Shipping volume:	8.26 ft <sup>3</sup>
Country of origin:	US
Custom tariff no .:	8413.70.2040

#### Date:

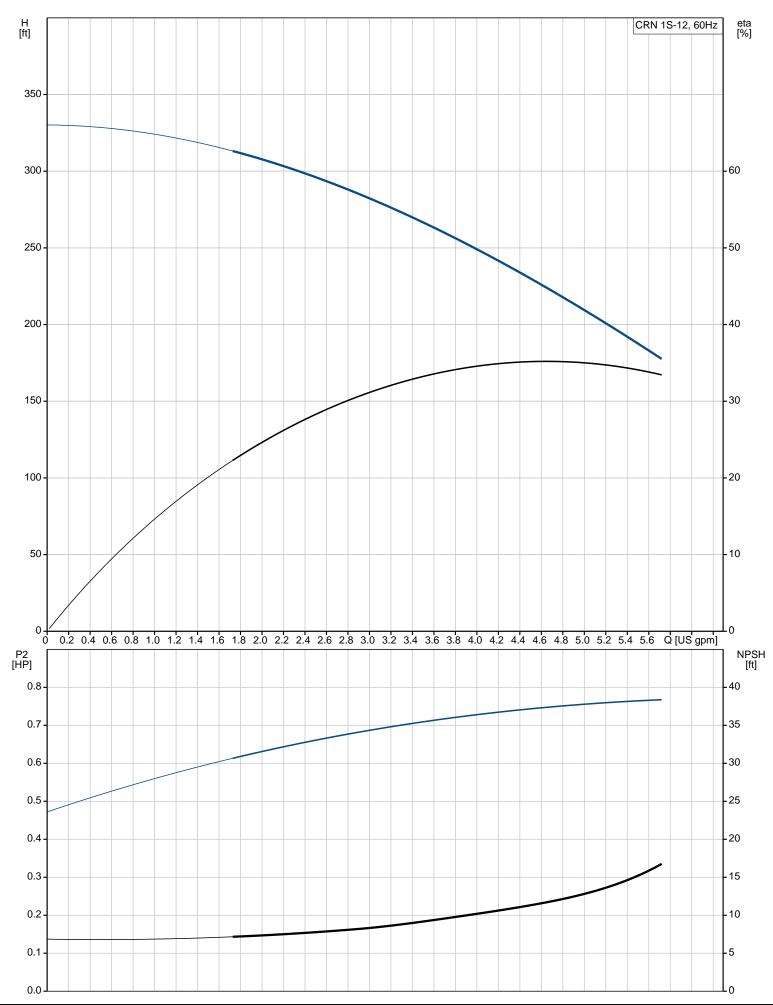
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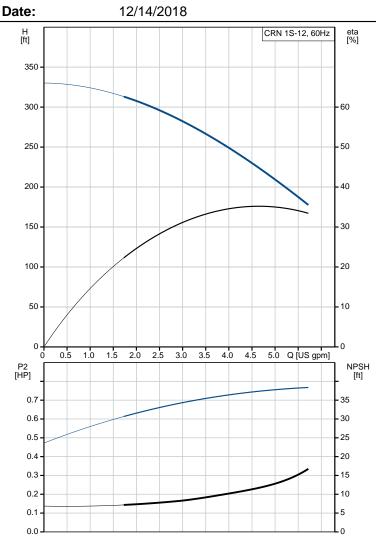
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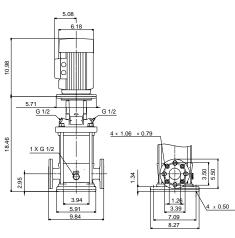






		Date:
Description	Value	H [ft]
General information:		
Product name:	CRN 1S-12 A-FGJ-A-V-HQQV	350 -
Product No.:	96081895	_
EAN:	5700395163490	
Technical:		300 -
Rated pump speed:	3464 rpm	
Rated flow:	4.84 US gpm	250 -
Rated head:	215.9 ft	200-
Head max:	328.8 ft	
Stages:	12	200 -
Impellers:	12	
Number of reduced-diameter impellers:	0	
Low NPSH:	No	150 -
Pump orientation:	Vertical	
Shaft seal arrangement:	Single	100 -
Code for shaft seal:	HQQV	
Approvals on nameplate:	CURUS	50 -
Curve tolerance:	ISO9906:2012 3B	_
Pump version:	A	
Model:	A	0 <del> </del>
Cooling:	TEFC	0 0.5 P2
Materials:		[HP]
Base:	Stainless steel	
	EN 1.4408	0.7 -
	AISI 316	0.6 -
Impeller:	Stainless steel	0.5
	EN 1.4401	
	AISI 316	0.4 -
Material code:	A	0.3 -
Code for rubber:	V	0.2
Bearing:	SIC	
Installation:	010	0.1 -
Maximum ambient temperature:	104 °F	0.0
Maximum operating pressure:	363 psi	
Max pressure at stated temperature:		
Max pressure at stated temperature.	363 psi / 194 °F	
Turne of example the	363 psi / -4 °F	
Type of connection:	DIN / ANSI / JIS	0.98
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	97 80 1 X G 1
Flange size for motor:	56C	
Connect code:	FGJ	2.95
Liquid:		8
Pumped liquid:	Water	
Liquid temperature range:	-4 194 °F	
Liquid temperature during operation:	68 °F	
Density:	62.29 lb/ft <sup>3</sup>	
Electrical data:		
Motor standard:	NEMA	
Motor type:	Baldor	
Rated power - P2:	0.75 HP	— Ψ
Power (P2) required by pump:	0.75 HP	_
	60 Hz	_
Main frequency:		_
Rated voltage:	1 x 115/208-230 V	_
Service factor:	1.25	_
Rated current:	9,60/5,00-4,80 A	_
Load current:	11.4/6.0-5.7 A	_
Rated speed:	3450 rpm	_
Number of poles:	2	
Enclosure class (IEC 34-5):	54 Dust/Splashing	$ \land / /$
Insulation class (IEC 85):	В	M
Motor protection:	NONE	$\begin{pmatrix} \mathbf{IVI} \\ 1 \sim \end{pmatrix}$
Motor Number:	84Z04001	









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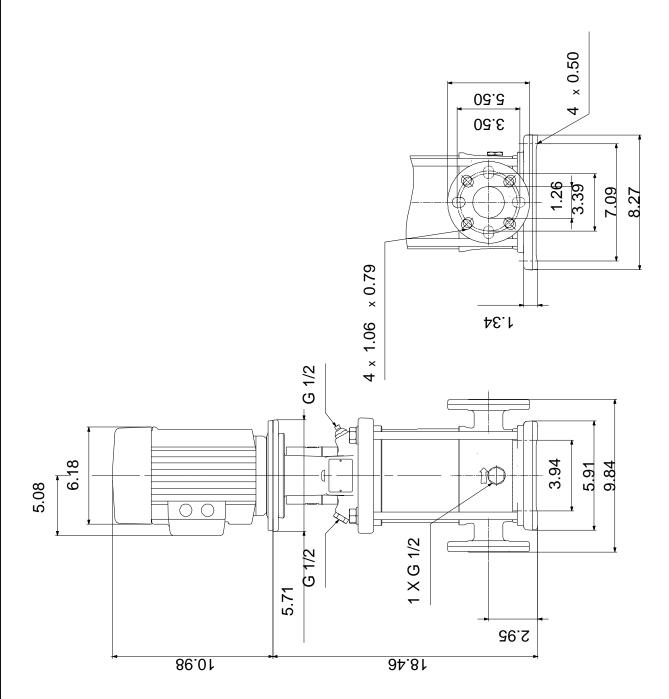
Date: Description Value Controls: NONE Frequency converter: Others: Net weight: 67.9 lb Gross weight: 82.4 lb Shipping volume: 8.26 ft<sup>3</sup> US Country of origin: Custom tariff no .: 8413.70.2040



Date:

12/14/2018

## 96081895 CRN 1S-12 A-FGJ-A-V-HQQV 60 Hz



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



Date:

12/14/2018

# 96081895 CRN 1S-12 A-FGJ-A-V-HQQV 60 Hz

