

Submittal Data

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

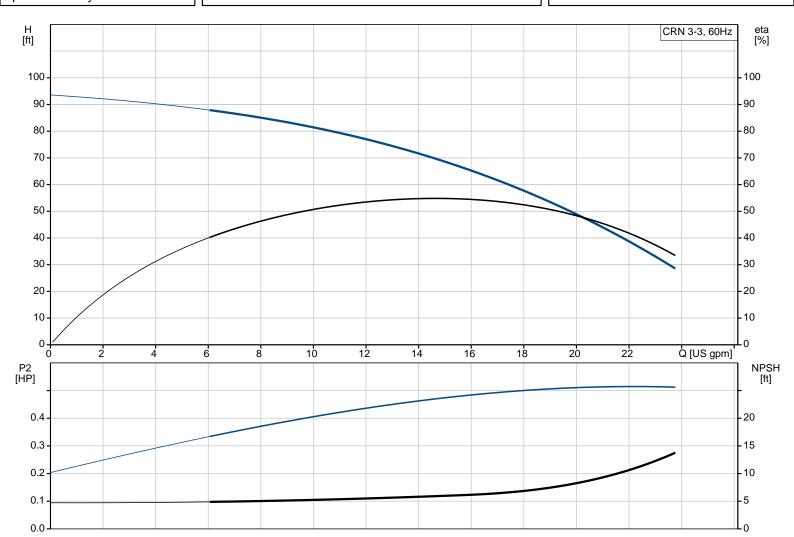


Product photo could vary from the actual product

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

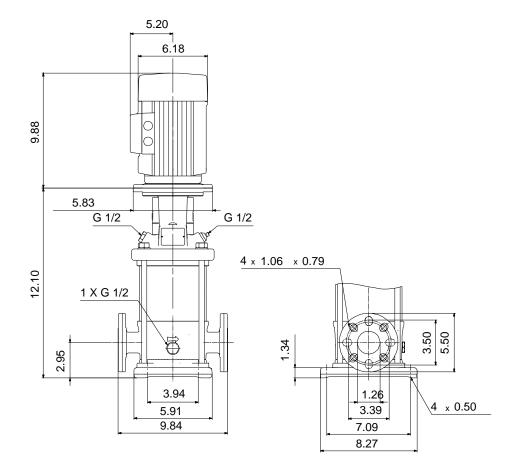
Vertical, multistage centrifugal pump with suction and discharge ports on same the level. Pump materials in contact with the liquid are in high-grade stainless steel (EN 1.4401) (AISI 316)

Conditions of Service		Pump Data		Motor Data	
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	Water 68 °F ft 1.000	Max pressure at stated temperature: Liquid temperature range: Maximum ambient temperature: Approvals: Shaft seal: Product number:	363 psi / 194 °F -4 194 °F 104 °F CURUS HQQV 96084011	Rated power - P2: Rated voltage: Main frequency: Enclosure class: Insulation class: Motor type:	0.5 HP 115/230 V 60 Hz 54 Dust/Splashing B Baldor



GRUNDFOS

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 3-3A-FGJ-A-V-HQQV



Product No.: 96084011 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: 3443 rpm Rated flow: 15.4 US gpm Rated head: 67.26 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:



Count | Description

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

Motor type:	Baldor
Rated power - P2:	0.5 HP
Power (P2) required by pump:	0.5 HP
Main frequency:	60 Hz
Rated voltage:	1 x 115/230 V
Service factor:	1.60
Rated current:	7.4/3.7 A
Rated speed:	3450 rpm
Number of poles:	2
Enclosure class (IEC 34-5):	54 Dust/Splashing
Insulation class (IEC 85):	В
Motor Number:	85700002

Others:

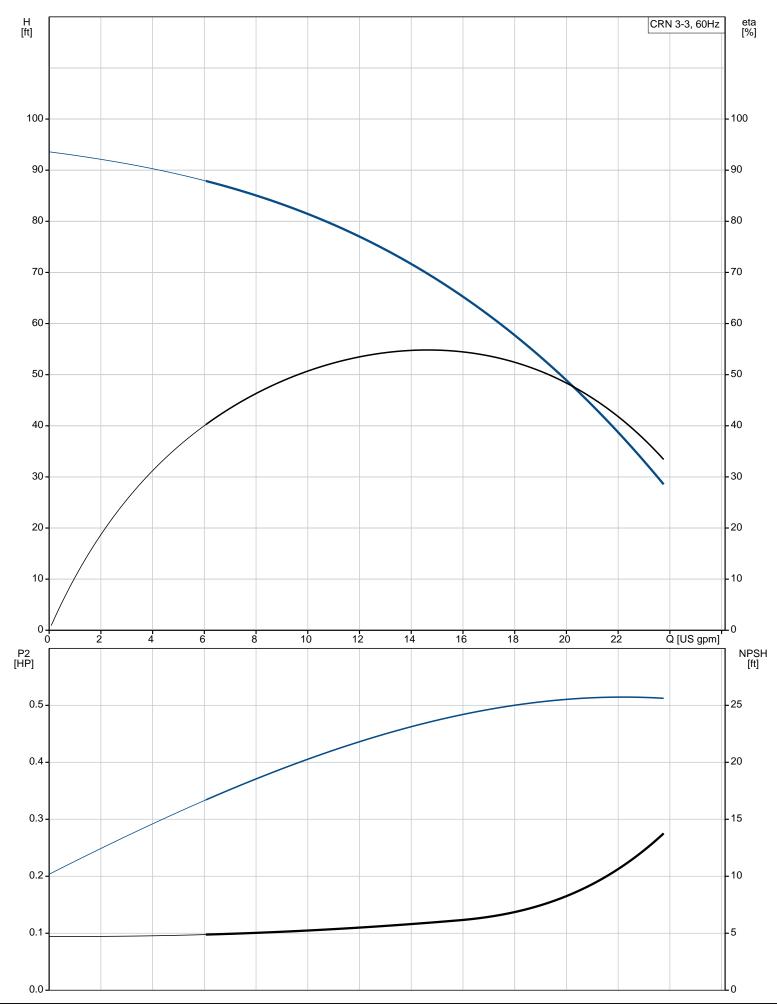
Net weight:	57.2 lb
Gross weight:	68.2 lb
Shipping volume:	4.94 ft ³
Country of origin:	US
Custom tariff no .:	8413.70.2040

Date:



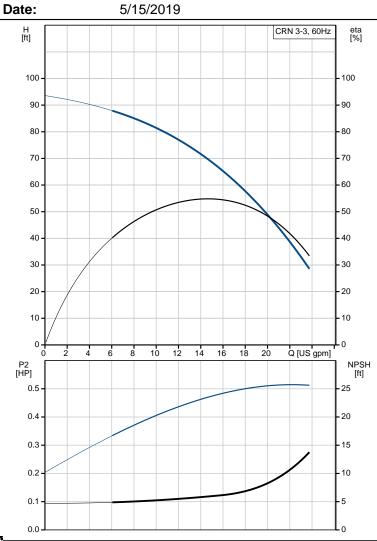
Date:

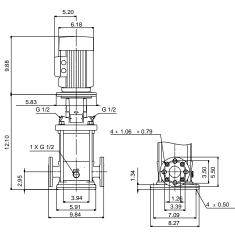


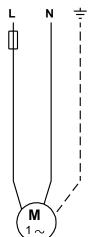




General information:Product name:Product No.:EAN:Technical:Rated pump speed:Rated flow:Rated head:Head max:Stages:Impellers:Number of reduced-diameter impellers:Low NPSH:Pump orientation:Shaft seal arrangement:Code for shaft seal:Approvals on nameplate:Curve tolerance:Pump version:Model:Cooling:Materials:	Value CRN 3-3A-FGJ-A-V-HQQV 96084011 5700395181395 3443 rpm 15.4 US gpm 67.26 ft 92.2 ft 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A TEFC Stainless steel EN 1.4408	80 70 60 50 40 30 20 10
General information:Product name:Product No.:EAN:Technical:Rated pump speed:Rated flow:Rated head:Head max:Stages:Impellers:Number of reduced-diameter impellers:Low NPSH:Pump orientation:Shaft seal arrangement:Code for shaft seal:Approvals on nameplate:Curve tolerance:Pump version:Model:Cooling:Materials:	CRN 3-3A-FGJ-A-V-HQQV 96084011 5700395181395 3443 rpm 15.4 US gpm 67.26 ft 92.2 ft 3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	90 80 70 60 50 40 30 20 10 0 72
Product No.: EAN: Technical: Rated pump speed: Rated flow: Rated head: Head max: Stages: Impellers: Number of reduced-diameter impellers: Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	96084011 5700395181395 3443 rpm 15.4 US gpm 67.26 ft 92.2 ft 3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	90 80 70 60 50 40 30 20 10 0 72
EAN: Technical: Rated pump speed: Rated flow: Rated flow: Rated head: Head max: Stages: Impellers: Number of reduced-diameter impellers: Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	5700395181395 3443 rpm 15.4 US gpm 67.26 ft 92.2 ft 3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	90 80 70 60 50 40 30 20 10 0 72
Technical:Rated pump speed:Rated flow:Rated flow:Rated head:Head max:Stages:Impellers:Number of reduced-diameter impellers:Low NPSH:Pump orientation:Shaft seal arrangement:Code for shaft seal:Approvals on nameplate:Curve tolerance:Pump version:Model:Cooling:Materials:	3443 rpm 15.4 US gpm 67.26 ft 92.2 ft 3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	60 - 50 - 40 - 30 - 20 - 10 - 0 - P2
Rated pump speed: Rated flow: Rated flow: Rated head: Head max: Stages: Impellers: Number of reduced-diameter impellers: Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	15.4 US gpm 67.26 ft 92.2 ft 3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	80 - 70 - 60 - 50 - 30 - 20 - 10 - 0 - 22 -
Rated flow:Rated head:Head max:Stages:Impellers:Number of reduced-diameter impellers:Low NPSH:Pump orientation:Shaft seal arrangement:Code for shaft seal:Approvals on nameplate:Curve tolerance:Pump version:Model:Cooling:Materials:	15.4 US gpm 67.26 ft 92.2 ft 3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	70 - 60 - 50 - 40 - 30 - 20 - 10 - 0 - 22
Rated head: Head max: Stages: Impellers: Number of reduced-diameter impellers: Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	67.26 ft 92.2 ft 3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	
Head max: Stages: Impellers: Number of reduced-diameter impellers: Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	92.2 ft 3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	60 - 50 - 40 - 30 - 20 - 10 - 0 - P2
Stages: Impellers: Number of reduced-diameter impellers: Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	3 3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	50 - 40 - 30 - 20 - 10 - 0 - P2
Impellers: Number of reduced-diameter impellers: Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	3 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	50 - 40 - 30 - 20 - 10 - 0 - P2
Number of reduced-diameter impellers: Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	40 · 30 · 20 · 10 · 22 ·
Low NPSH: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	30 · 20 · 10 · 22 ·
Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	30 · 20 · 10 · 22 ·
Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	20 · 10 · 0 · P2
Code for shaft seal: Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel	20 · 10 · 0 · P2
Approvals on nameplate: Curve tolerance: Pump version: Model: Cooling: Materials:	CURUS ISO9906:2012 3B A A TEFC Stainless steel	10 · 0 · P2
Curve tolerance: Pump version: Model: Cooling: Materials:	ISO9906:2012 3B A A TEFC Stainless steel	0· P2
Pump version: Model: Cooling: Materials:	A A TEFC Stainless steel	0· P2
Model: Cooling: Materials:	A TEFC Stainless steel	P2
Cooling: Materials:	TEFC Stainless steel	P2
Materials:	Stainless steel	
Page		
Base:	EN 1.4408	0.5
		0.0
	AISI 316	0.4
Impeller:	Stainless steel	
	EN 1.4401	0.3
	AISI 316	
Material code:	A	0.2
	V	0.1
	SIC	0.1
Installation:		0.0
	104 °F	
	362.59 psi	
	363 psi / 194 °F	
	363 psi / -4 °F	
51	DIN / ANSI / JIS	
	DN 25/32 1 1/4 inch	
•	DN 25/32	
	1 1/4 inch	
•	PN 25	
	300 lb	
	56C	
	FGJ	
Liquid:		
Pumped liquid:	Water	
	-4 194 °F	
	68 °F	
Density:	62.29 lb/ft ³	
Electrical data:		L
Motor standard:	NEMA	Н
Motor type:	Baldor	Ш
•	0.5 HP	
	0.5 HP	
	60 Hz	
5	1 x 115/230 V	
	1.60	
	7.4/3.7 A	
	9.8/4.9 A	
•	3450 rpm	
	2 54 Duct/Spleshing	
	54 Dust/Splashing	_ _
	B	— /r
Controls:	85700002	[1









Others:

Company name: Created by: Phone:

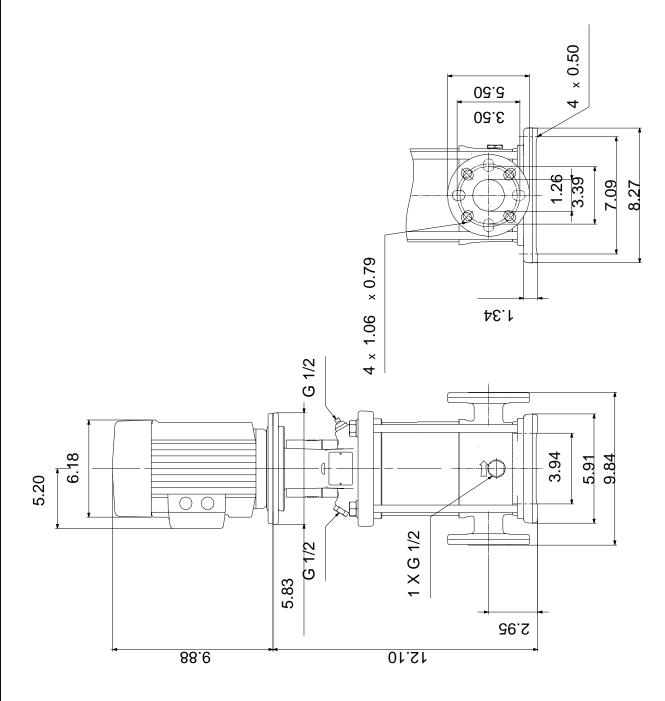
Date: Description Value Frequency converter: NONE Net weight: 57.2 lb Gross weight: 68.2 lb Shipping volume: 4.94 ft³ Country of origin: US Custom tariff no .: 8413.70.2040



Date:

5/15/2019

96084011 CRN 3-3A-FGJ-A-V-HQQV 60 Hz



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



Date:

5/15/2019

96084011 CRN 3-3A-FGJ-A-V-HQQV 60 Hz

