

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

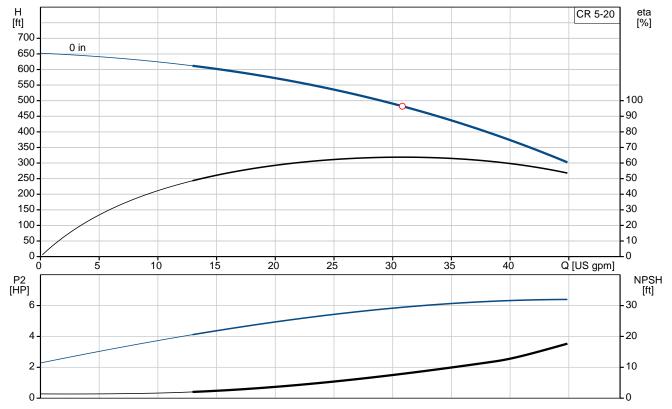
CR 5-20

Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron. All other wetted parts are in stainless steel (EN 1.4301)(AISI 304)

Conditions	of Service][
Flow:		1[Μ
Head:			S
Efficiency:			Ρ
Liquid:	Water		
Temperature:	68 °F		
NPSH required:	ft		
Viscosity:			
Specific Gravity:	1.000		

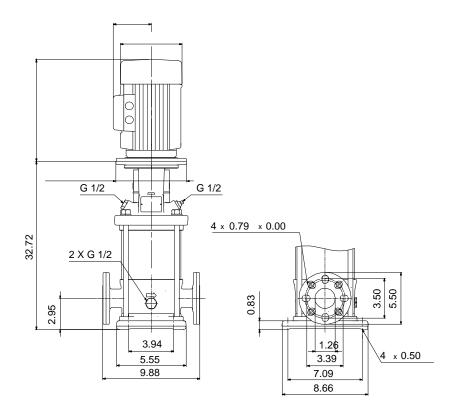
Pump Data	
Max pressure at stated temperature:	363 psi / 194 °F
Shaft seal:	HQQV
Product number:	96084342

Motor Data						
Main frequency:	60 Hz					





Submittal Data



Materials:

Base: Cast iron

EN 1561 EN-GJL-200

ASTM A48-25B

Impeller: Stainless steel

AISI 304

EN 1.4301

Material code: A Code for rubber: V



Date: 2/20/2018

Tender Text



Product photo could vary from the actual product

Product No.: 96084342 CR 5-20 A-FGJ-A-V-HQQV

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 and intermediate chambers are made of
- The shaft seal has assembly length

according to EN 12756.

- Power transmission is via cast iron split coupling.

Controls:

NONE Frequency converter:

Liquid:

Pumped liquid: Water Liquid temperature during operation: 68 °F Density: 62.29 lb/ft3

Technical:

Speed for pump data: 3467 rpm Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: **HQQV**

Curve tolerance: ISO9906:2012 3B

Materials:

Impeller:

Base: Cast iron

EN 1561 EN-GJL-200 **ASTM A48-25B**

Stainless steel

EN 1.4301

AISI 304

Bearing material: SIC

Installation:

Max pressure at stated temperature: 363 psi / 194 °F

363 psi / -4 °F

Type of connection: DIN / ANSI / JIS DN 25/32

Size of inlet connection:



Date: 2/20/2018

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: PN 25
Flange size for motor: 213TC
Flange rating inlet: 250 lb

Electrical data:

Motor standard: NEMA
Power (P2) required by pump: 7.5 HP

Others:

Net weight: 73.3 lb Gross weight: 91.2 lb Shipping volume: 8.26 ft³



Date: 2/20/2018

Position Count | Description

> CR 5-20 A-FGJ-A-V-HQQV 1



Product photo could vary from the actual product

Product No.: 96084342

Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.

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Frequency converter: NONE

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EN 1561 EN-GJL-200 **ASTM A48-25B**

Stainless steel

Impeller: EN 1.4301

AISI 304

Bearing material: SIC

Installation:

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



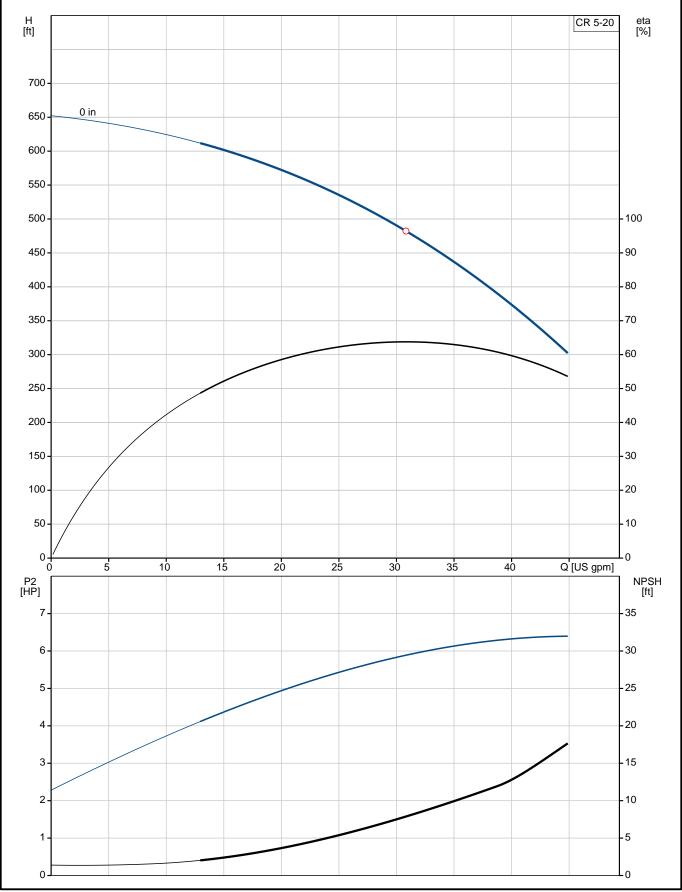
Date: 2/20/2018

Position Count Description				Date:	2/20/2018	
Size of outlet port: Pressure rating: PN 25 Flange size for motor: Flange rating inlet: 250 lb Electrical data: Motor standard: Power (P2) required by pump: NEMA Power (P2) required by pump: 7.5 HP Others: Net weight: Gross weight: 91.2 lb	Position	Count	Description			
Pressure rating: PN 25 Flange size for motor: 213TC Flange rating inlet: 250 lb Electrical data: Motor standard: NEMA Power (P2) required by pump: 7.5 HP Others: Net weight: 73.3 lb Gross weight: 91.2 lb		Oount	•			
Pressure rating: PN 25 Flange size for motor: 213TC Flange rating inlet: 250 lb Electrical data: Motor standard: NEMA Power (P2) required by pump: 7.5 HP Others: Net weight: 73.3 lb Gross weight: 91.2 lb			Size of outlet port:			
Flange size for motor: 213TC Flange rating inlet: 250 lb Electrical data: Motor standard: NEMA Power (P2) required by pump: 7.5 HP Others: Net weight: 73.3 lb Gross weight: 91.2 lb			Pressure rating:	PN 25		
Flange rating inlet: 250 lb Electrical data: Motor standard: NEMA Power (P2) required by pump: 7.5 HP Others: Net weight: 73.3 lb Gross weight: 91.2 lb			Flange size for motor:			
Electrical data: Motor standard: Power (P2) required by pump: Others: Net weight: Gross weight: NEMA 7.5 HP 73.3 lb Gross weight: 91.2 lb			Flange rating inlet:			
Motor standard: NEMA Power (P2) required by pump: 7.5 HP Others: Net weight: 73.3 lb Gross weight: 91.2 lb			Trange rating iniet.	200 15		
Motor standard: NEMA Power (P2) required by pump: 7.5 HP Others: Net weight: 73.3 lb Gross weight: 91.2 lb			Flootwinel date:			
Power (P2) required by pump: 7.5 HP Others: Net weight: 73.3 lb Gross weight: 91.2 lb						
Others: Net weight: 73.3 lb Gross weight: 91.2 lb						
Net weight: 73.3 lb Gross weight: 91.2 lb			Power (P2) required by pump:	7.5 HP		
Net weight: 73.3 lb Gross weight: 91.2 lb						
Net weight: 73.3 lb Gross weight: 91.2 lb			Others:			
Gross weight: 91.2 lb				73.3 lb		
Shipping volume: 8.26 ft ^a			Gross weight:			
Simplify Yourie. 6,20 IP			Chinning volume:			
			Shipping volume.	0.20 II°		



Date: 2/20/2018

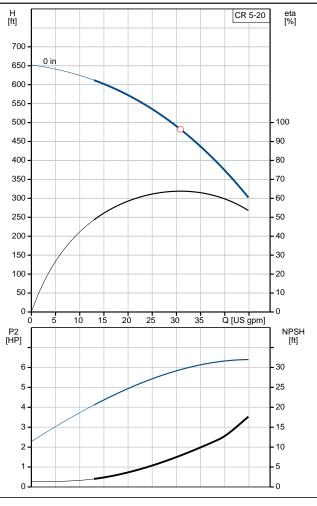
96084342 CR 5-20 60 Hz

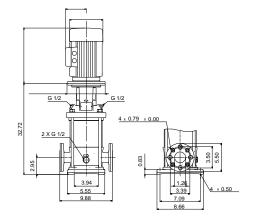




Date: 2/20/2018

Description	Value
General information:	
Product name:	CR 5-20 A-FGJ-A-V-HQQV
Product No.:	96084342
EAN:	5700395191806
Technical:	
Speed for pump data:	3467 rpm
Stages:	20
Impellers:	20
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	Α
Materials:	
Base:	Cast iron
	EN 1561 EN-GJL-200
	ASTM A48-25B
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Material code:	A
Code for rubber:	V
Bearing material:	SIC
Installation:	
Max pressure at stated temperature:	363 psi / 194 °F
wax pressure at stated temperature.	363 psi / -4 °F
Type of connection:	DIN / ANSI / JIS
Connect code:	FGJ
Size of inlet connection:	DN 25/32
Size of suction port:	
Size of suction port:	1 1/4 inch
Size of outlet connection:	1 1/4 inch DN 25/32
Size of outlet connection: Size of outlet port:	1 1/4 inch DN 25/32 1 1/4 inch
Size of outlet connection: Size of outlet port: Pressure rating:	1 1/4 inch DN 25/32 1 1/4 inch PN 25
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC
Size of outlet connection: Size of outlet port: Pressure rating:	1 1/4 inch DN 25/32 1 1/4 inch PN 25
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density: Electrical data:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F 62.29 lb/ft³
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density: Electrical data: Motor standard:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F 62.29 lb/ft³
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density: Electrical data:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F 62.29 lb/ft³
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density: Electrical data: Motor standard: Power (P2) required by pump: Controls:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F 62.29 lb/ft³ NEMA 7.5 HP
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density: Electrical data: Motor standard: Power (P2) required by pump:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F 62.29 lb/ft³
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density: Electrical data: Motor standard: Power (P2) required by pump: Controls:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F 62.29 lb/ft³ NEMA 7.5 HP
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density: Electrical data: Motor standard: Power (P2) required by pump: Controls: Frequency converter:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F 62.29 lb/ft³ NEMA 7.5 HP
Size of outlet connection: Size of outlet port: Pressure rating: Flange size for motor: Flange rating inlet: Liquid: Pumped liquid: Liquid temperature during operation: Density: Electrical data: Motor standard: Power (P2) required by pump: Controls: Frequency converter:	1 1/4 inch DN 25/32 1 1/4 inch PN 25 213TC 250 lb Water 68 °F 62.29 lb/ft³ NEMA 7.5 HP

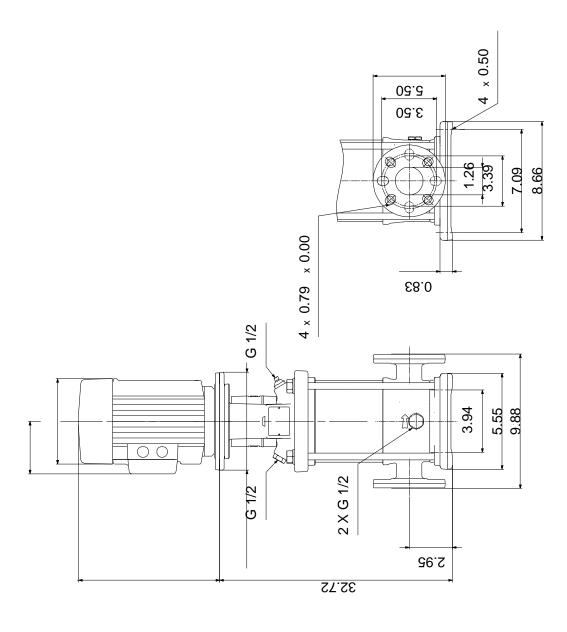






Date: 2/20/2018

96084342 CR 5-20 60 Hz



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



Date: 2/20/2018

Order Data:

Product name: CR 5-20 A-FGJ-A-V-HQQV

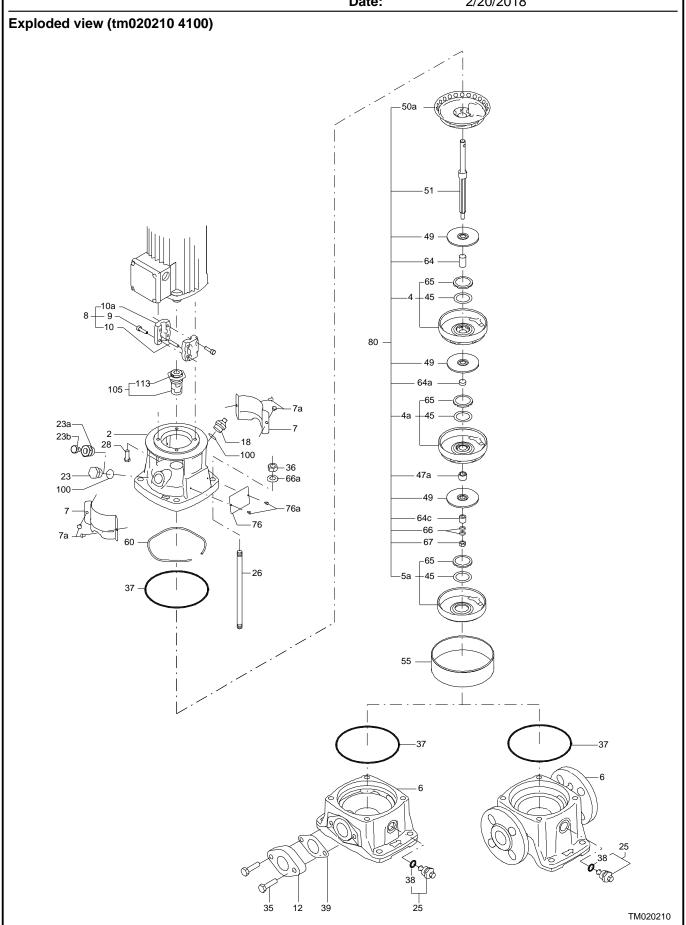
Amount: 1

Product No.: 96084342

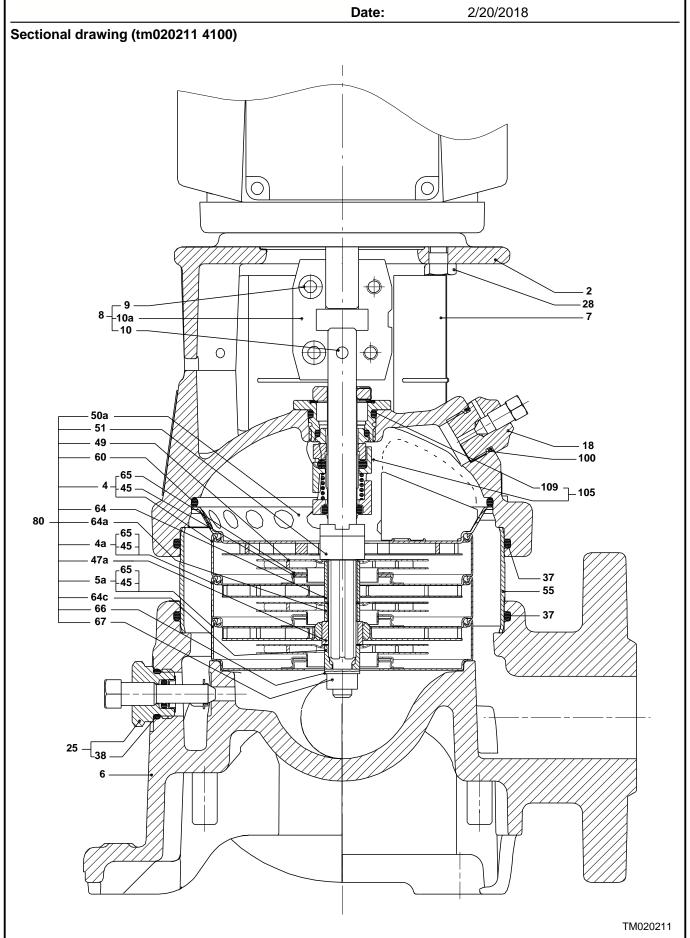
Total: Price on request



Date: 2/20/2018









Date: 2/20/2018

Parts list CR 5-20, Prod number 96084342 Valid from 1.1.2004 (0401)

Position	Description	Annotation	Classification data	Part No.	Cour	
	Base cpl.				1	pcs
6	Base				1	
	Sealing parts				1	pcs
25	Drain plug w/bypass valve				1	
38	O-ring		Diameter: 16,3			
			Material type: FKM			
			Thickness: 2,4			
37	O-ring		Diameter: 137,5		2	
			Material type: FKM			
			Thickness: 3,3			
100	O-ring		Diameter: 16,3		2	
			Material type: FKM			
			Thickness: 2,4			
2	Pump head cpl.				1	pcs
1	Adapter flange				1	•
2	Pump head				1	
7	Coupling guard				2	
7a	Thread cutting screw				4	
18	Air vent screw				1	
	Plug					
	Spindle					
25	Drain plug				1	
23	Pipe plug					
25	Drain plug					
28	Hex head bolt				4	
60	Formed wire spring				1	
8	Coupling				1	pcs
26	Staybolt		Length: 562		4	pcs
20	Claybon		Thread: M12		7	poc
36a	Washer		Designation: DIN 125 A		4	pcs
oou	11461161		Inner diameter: 13		•	Poc
			Outer diameter: 24			
			Thickness: 2,5			
55	Outer sleeve		1111CK11633. 2,0		1	ncc
66a	Nut		Thread: M12		4	pcs
80	Chamber stack		Tilleau. WTZ		1	pcs
105	Shaft seal		Matarial type: HOOV		1	pcs
103			Material type: HQQV		1	pcs
	O-ring					
	O-ring				1	
	O-ring				1	
	Seal driver, upper				1	
	Seal driver, lower				1	
	Spacer ring				1	
	Pipe				1	
	Plug				1	
	Plug				1	
	Compression spring				1	
	Socket set screw				3	
103	Seal ring, stationary				1	
105	Seal ring, rotating				1	
109	O-ring				1	
113	Driver				1	