

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

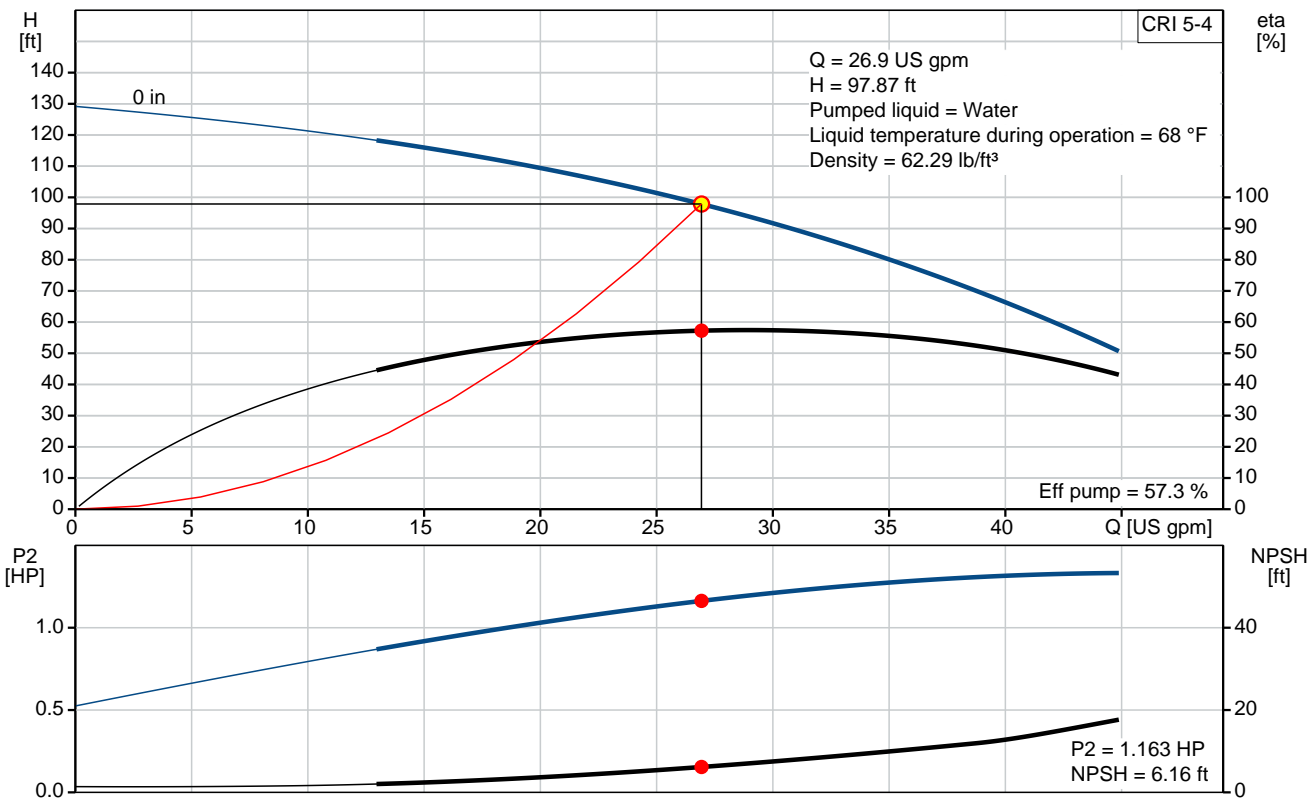


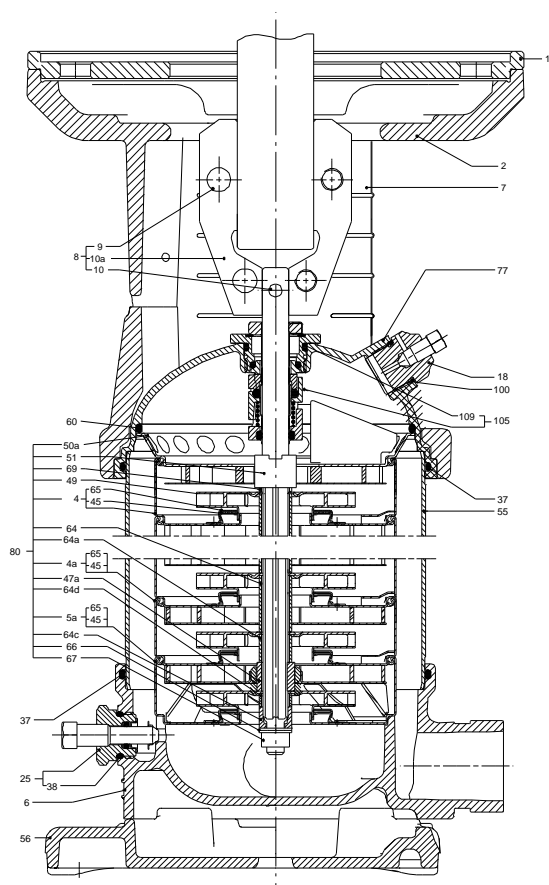
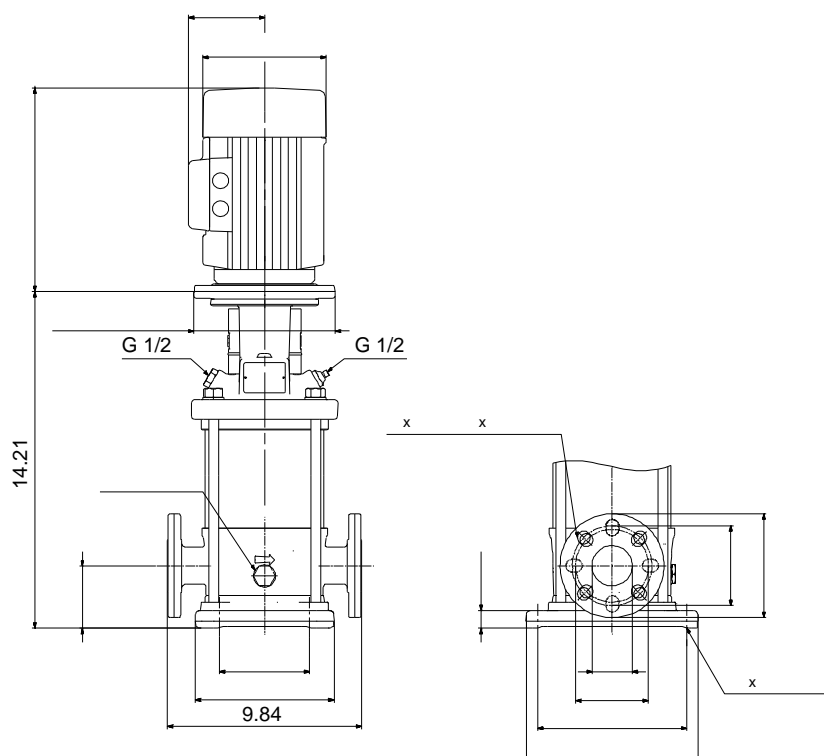
CRI 5-4

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

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: 26.9 US gpm	Max pressure at stated temperature: 363 psi / 194 °F	Main frequency: 60 Hz
Head: 97.87 ft	Shaft seal: HQQV	
Efficiency: _____	Product number: 96084708	
Liquid: Water		
Temperature: 68 °F		
NPSH required: 6.16 ft		
Viscosity: _____		
Specific Gravity: 1.000		





Materials:

Base: Stainless steel
EN 1.4408
AISI 316

Impeller: Stainless steel
AISI 304
EN 1.4301

Material code: I
Code for rubber: V

Tender Text



Product photo could vary from the actual product

Product No.: [96084708](#)

CRI 5-4 A-FGJ-I-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, 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.

Controls:

Frequency converter: NONE

Liquid:

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

Technical:

Speed for pump data: 3466 rpm
Actual calculated flow: 26.9 US gpm
Resulting head of the pump: 97.87 ft
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQV
Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel
EN 1.4408
AISI 316
Impeller: Stainless steel
EN 1.4301
AISI 304
Bearing material: SIC



Company name:

Created by:

Phone:

Date:

2/20/2018

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

Size of outlet port: 1 1/4 inch

Pressure rating: PN 25

Flange size for motor: 56C

Flange rating inlet: 300 lb

Electrical data:

Motor standard: NEMA

Others:

Net weight: 37.2 lb

Gross weight: 48.2 lb

Shipping volume: 4.94 ft³

Position	Count	Description
	1	<p>CRI 5-4 A-FGJ-I-V-HQQV</p>  <p>Product photo could vary from the actual product</p> <p>Product No.: 96084708</p> <p>Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p>The pump has the following characteristics:</p> <ul style="list-style-type: none"> - 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. <p>flanges/couplings.</p> <p>Controls:</p> <p>Frequency converter: NONE</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature during operation: 68 °F</p> <p>Density: 62.29 lb/ft³</p> <p>Technical:</p> <p>Speed for pump data: 3466 rpm</p> <p>Actual calculated flow: 26.9 US gpm</p> <p>Resulting head of the pump: 97.87 ft</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Code for shaft seal: HQQV</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Base: Stainless steel EN 1.4408 AISI 316</p> <p>Impeller: Stainless steel EN 1.4301 AISI 304</p> <p>Bearing material: SIC</p> <p>Installation:</p> <p>Max pressure at stated temperature: 363 psi / 194 °F</p>



Company name:

Created by:

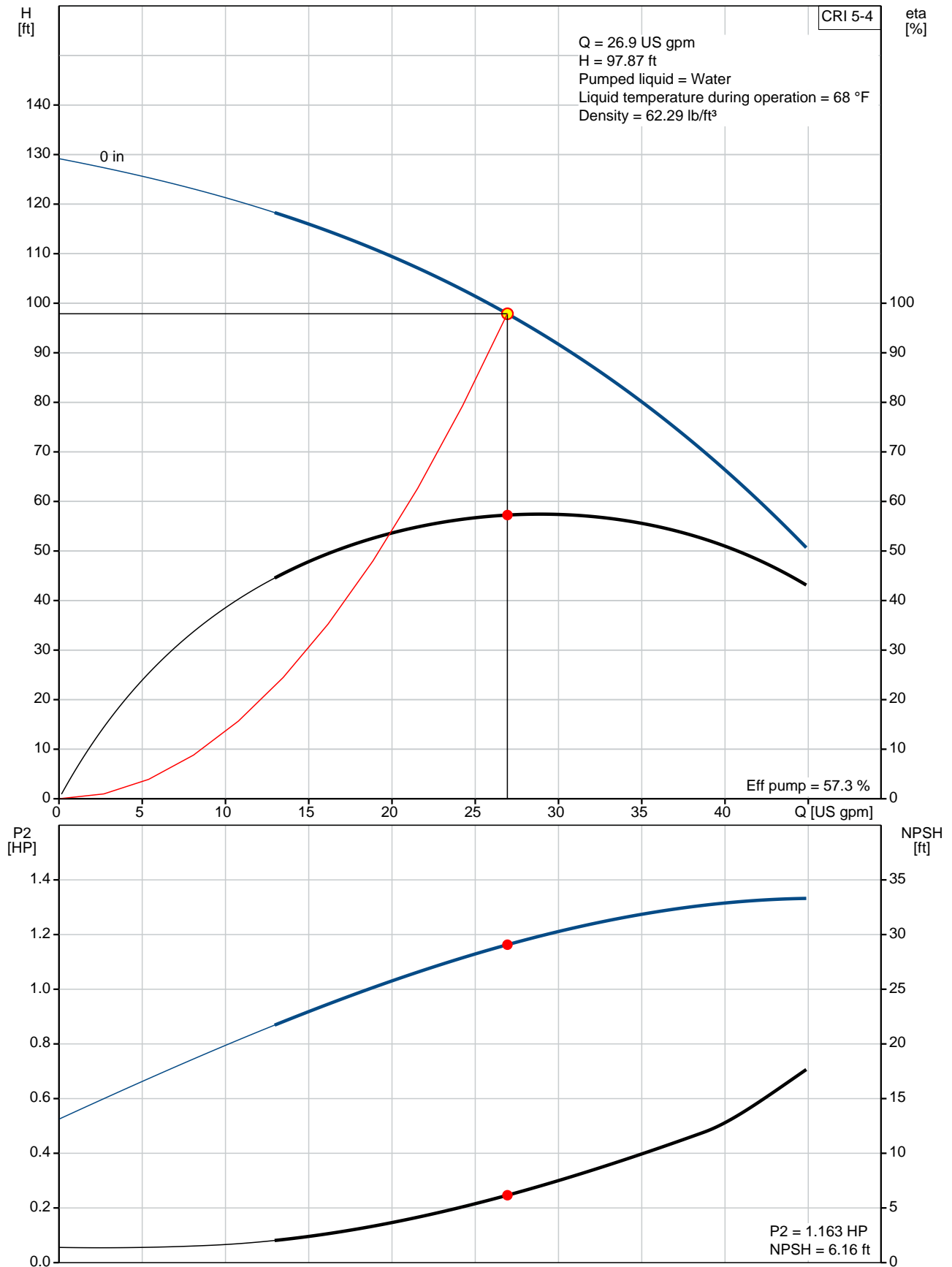
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Date:

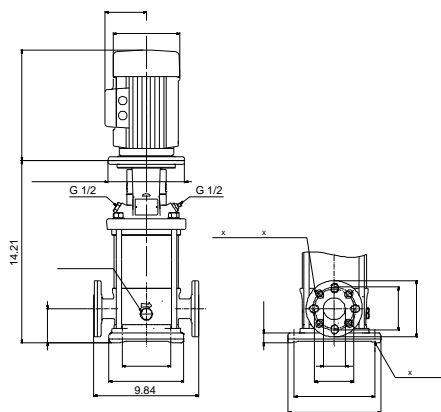
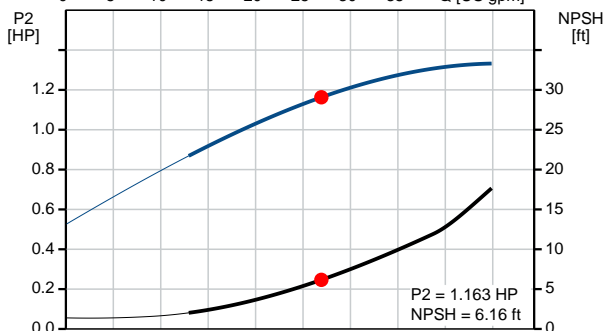
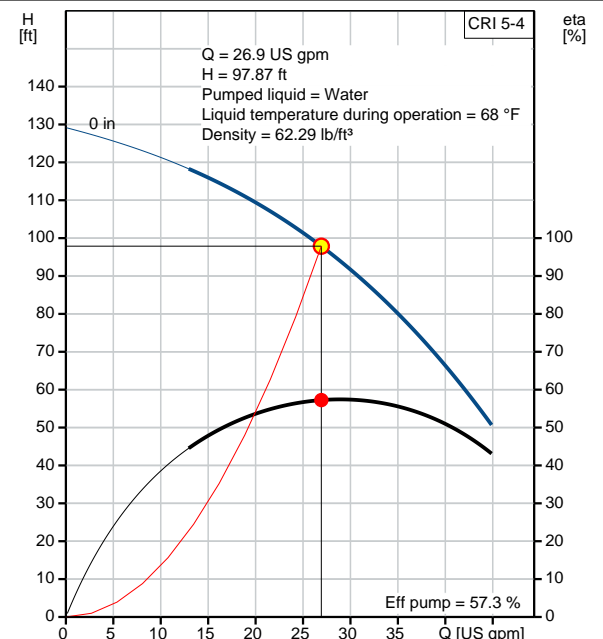
2/20/2018

Position	Count	Description
		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: PN 25
		Flange size for motor: 56C
		Flange rating inlet: 300 lb
		Electrical data:
		Motor standard: NEMA
		Others:
		Net weight: 37.2 lb
		Gross weight: 48.2 lb
		Shipping volume: 4.94 ft³

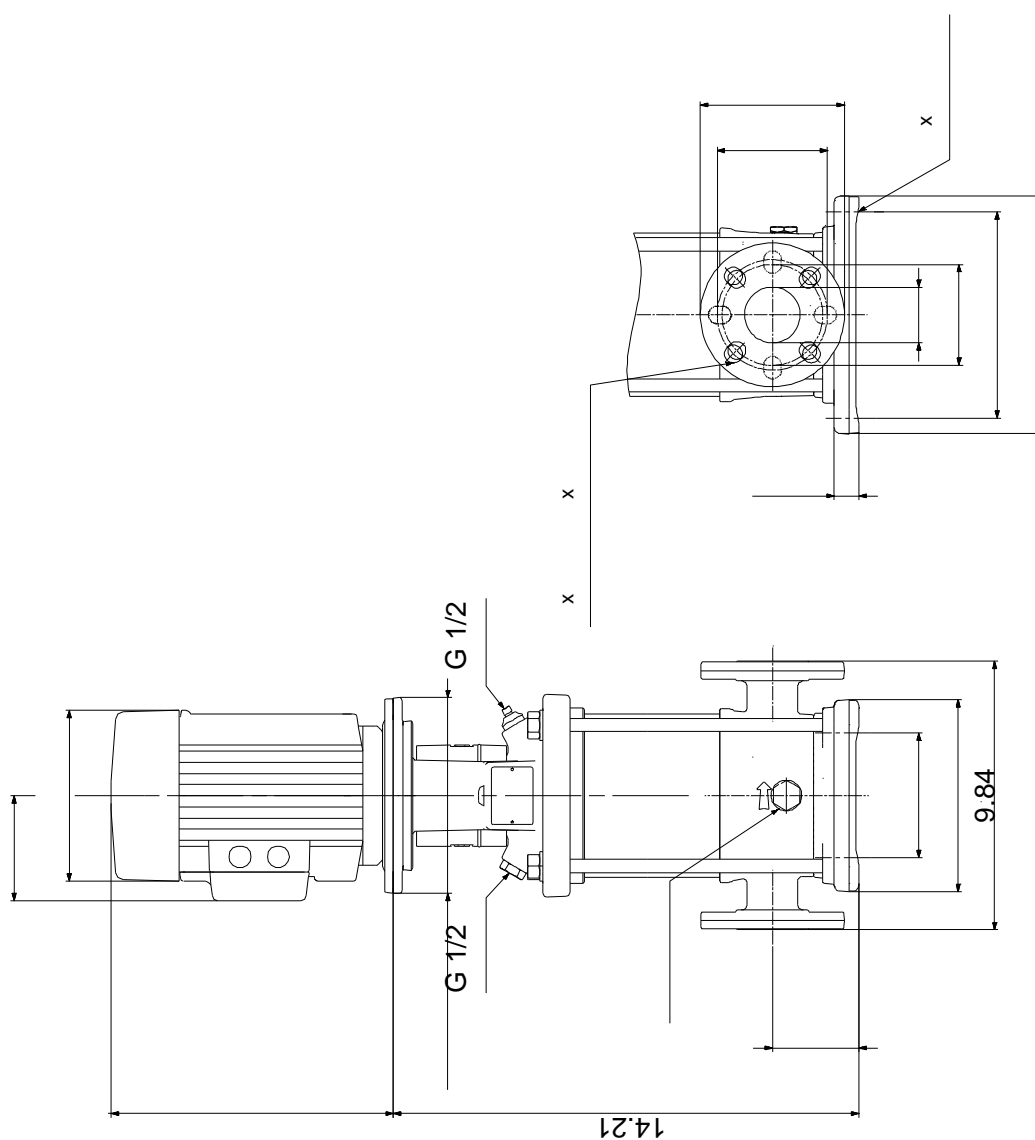
96084708 CRI 5-4 60 Hz



Description	Value
General information:	
Product name:	CRI 5-4 A-FGJ-I-V-HQQV
Product No.:	96084708
EAN:	5700395195460
Technical:	
Speed for pump data:	3466 rpm
Actual calculated flow:	26.9 US gpm
Resulting head of the pump:	97.87 ft
Stages:	4
Impellers:	4
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Base:	Stainless steel EN 1.4408 AISI 316
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	I
Code for rubber:	V
Bearing material:	SIC
Installation:	
Max pressure at stated temperature:	363 psi / 194 °F 363 psi / -4 °F
Type of connection:	DIN / ANSI / JIS
Connect code:	FGJ
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:	PN 25
Flange size for motor:	56C
Flange rating inlet:	300 lb
Liquid:	
Pumped liquid:	Water
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor standard:	NEMA
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	37.2 lb
Gross weight:	48.2 lb
Shipping volume:	4.94 ft³



96084708 CRI 5-4 60 Hz



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



Company name:

Created by:

Phone:

Date:

2/20/2018

Order Data:

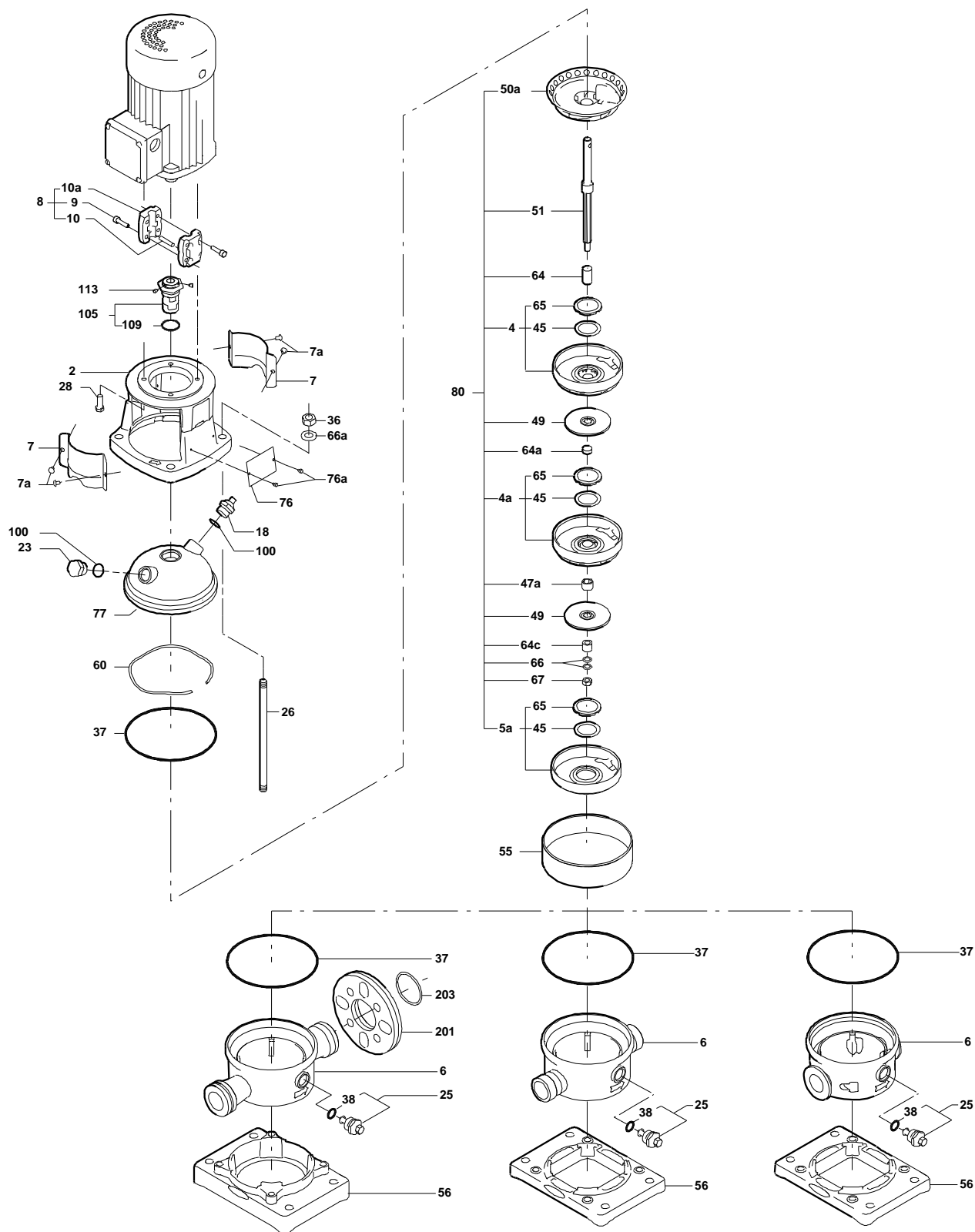
Product name: CRI 5-4 A-FGJ-I-V-HQQV

Amount: 1

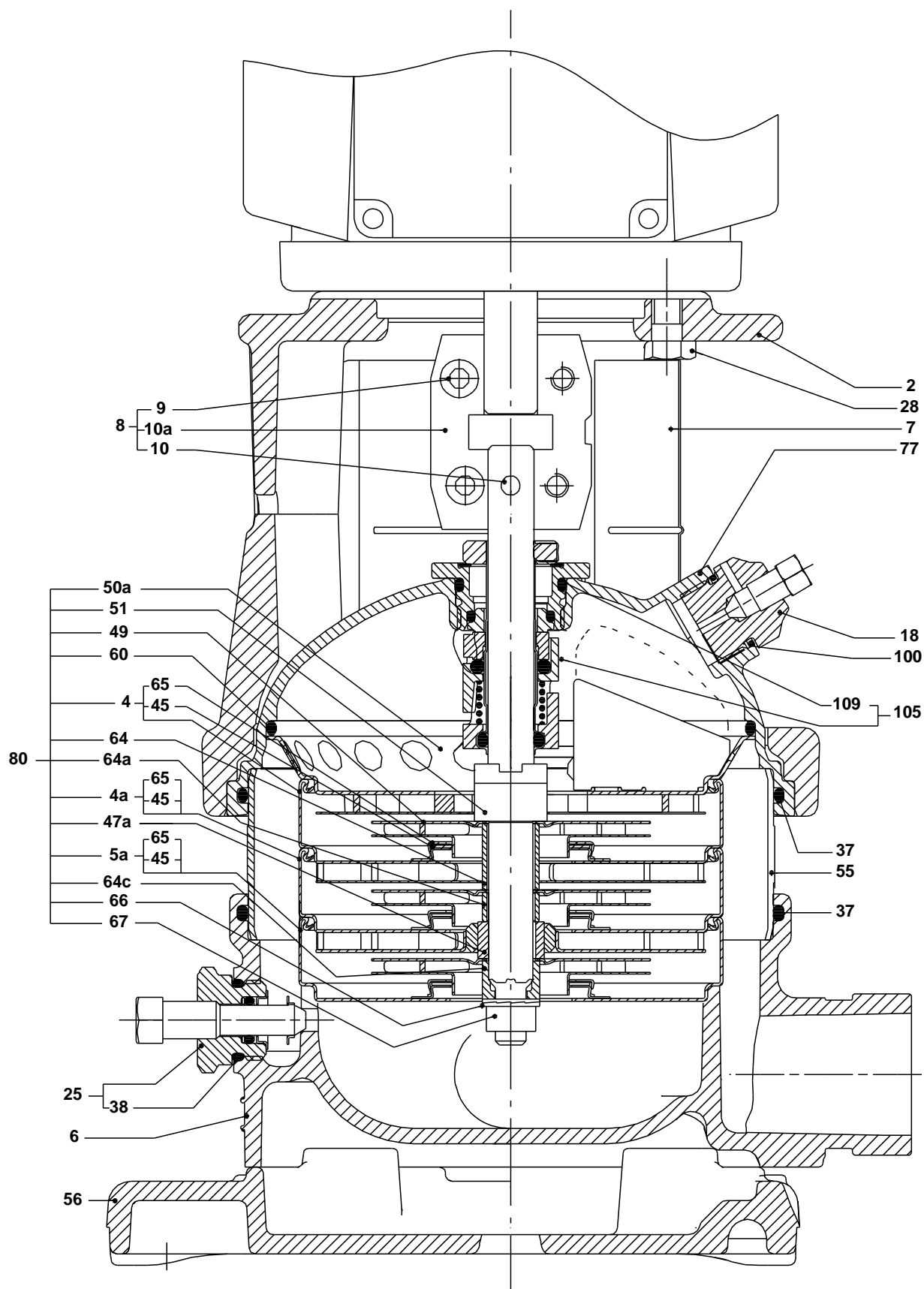
Product No.: 96084708

Total: Price on request

Exploded view (TM02 0212 4100)



Sectional drawing (TM02 0215 4100)



Parts list CRI 5-4, Prod number 96084708
Valid from 1.1.2004 (0401)

Position	Description	Annotation	Classification data	Part No.	Count	Unit
-	Base cpl.				1	pcs
6	Base				1	
56	Base plate				1	
201.a	Flange				2	
203	Lock ring				2	
-	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
2	Motor stool				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 cap screw		Length: 25		4	
			Thread: UNC 3/8"			
60	Formed wire spring				1	
77	Pump cover				1	
+ 8	Coupling cpl.				1	pcs
26	Staybolt		Length: 205		4	pcs
			Thread: M12			
36a	Washer		Designation: DIN 125 A		4	pcs
			Inner diameter: 13			
			Outer diameter: 24			
			Thickness: 2,5			
55	Outer sleeve				1	pcs
66a	Nut		Thread: M12		4	pcs
- 80	Chamber stack				1	pcs
	Spacing pipe		Length: 2.00		1	
-	Guide vane cpl.				1	
	Guide vane					
	Plate					
50b	Top plate					
- 4	Chamber cpl.				2	
	Chamber					
	Retainer for seal ring					
	Guide vane					
	Plate					
	Vane					
45	Neck ring					
65	Retainer					

Position	Description	Annotation	Classification data	Part No.	Count	Unit
- 4a	Chamber w. bearing cpl.				1	
	Chamber					
	Retainer for seal ring					
	Guide vane					
	Retainer for bearing					
	Bearing bush					
	Vane					
45	Neck ring					
65	Retainer					
- 5a	Chamber cpl.				1	
	Chamber					
45	Neck ring					
65	Retainer					
36	Lock nut		Thread: M8		1	
47a	Bearing ring, rotating				1	
49	Impeller cpl.				4	
51	Shaft, spline, cpl.				1	
64a	Spacing pipe		Inner diameter: 12,85		1	
			Outer diameter: 15,85			
			Length: 4,50			
64a	Spacing pipe		Length: 13.00		1	
64c	Clamp, splined		Inner diameter: 8,5		1	
			Outer diameter: 15			
66	Wedge lock washer				1	
69	Spacing pipe		Length: 26.0		2	
- 105	Shaft seal		Material type: HQQV		1	pcs
	O-ring				1	
	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	