

Submittal Data

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

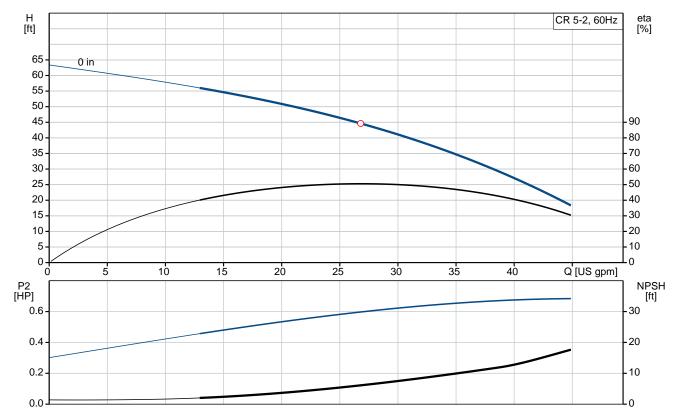


CR 5-2

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)

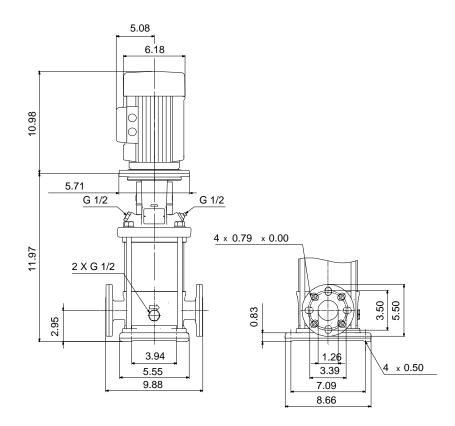
Product photo could vary from the actual product

Conditions	of Service	Pump Data		Motor Data	
Flow: Head:		Max pressure at stated temperature: Maximum ambient temperature:	363 psi / 250 °F 104 °F	Rated power - P2: Rated voltage:	0.75 HP 115/208-230 V
Efficiency:		Approvals:	CURUS,NSF61	Main frequency:	60 Hz
Liquid:	Water	Shaft seal:	HQQE	Enclosure class:	54 Dust/Splashing
Temperature:	68 °F	Product number:	96084250	Insulation class:	В
NPSH required:	ft			Motor protection:	NONE
Viscosity:				Motor type:	BALDOR
Specific Gravity:	1.000				



Submittal Data





Materials:

Impeller:

Base:

Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel AISI 304 EN 1.4301 A

Material code:

Code for rubber: E



2/20/2018

Tender Text



Product No.: 96084250 CR 5-2 A-FGJ-A-E-HQQE 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. The motor is a 1-phase AC motor. Controls: Frequency converter: NONE Liquid: Pumped liquid: Water Liquid temperature during operation: 68 °F Density: 62.29 lb/ft3 Technical: Speed for pump data: 3464 rpm Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CURUS.NSF61 Curve tolerance: ISO9906:2012 3B Materials: Base: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304 Bearing material: SIC Installation: Maximum ambient temperature: 104 °F Max pressure at stated temperature: 363 psi / 250 °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



1 1/4 inch

Company name: Created by: Phone:

Date:

2/20/2018

Pressure rating:	PN 25
Flange size for motor:	56C
Flange rating inlet:	250 lb
Electrical data:	
Motor standard:	NEMA
Motor type:	BALDOR
IE Efficiency class:	NA
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:

Size of outlet port:

Net weight:	65.4 lb
Gross weight:	76.4 lb
Shipping volume:	4.94 ft ³

G	RU	INDFOS	Company nar Created by: Phone:	ne:	
			Date:	2/20/2018	
Position	Count	Description			
	1	CR 5-2 A-FGJ-A-E-HQQE			
		Product No.: 96084250 Vertical, non-self-priming, multis centrifugal pump for installation and mounting on a foundation.			
		The pump has the following chan- Impellers and intermediat The shaft seal has assem according to EN 12756. Power transmission is via coupling.	e chambers are made of bly length		
		The motor is a 1-phase AC moto	or.		
		Controls: Frequency converter:	NONE		
		Liquid: Pumped liquid: Liquid temperature during opera Density:	Water tion: 68 °F 62.29 lb/ft³		
		Technical: Speed for pump data: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance:	3464 rpm Vertical Single HQQE CURUS,NSF61 ISO9906:2012 3B		
		Materials: Base:	Cast iron EN 1561 EN-GJL-200		
		Impeller:	ASTM A48-25B Stainless steel EN 1.4301		
		Bearing material:	AISI 304 SIC		
		Installation: Maximum ambient temperature: Max pressure at stated temperat			
		Type of connection: Size of inlet connection: Size of suction port: Size of outlet connection: Size of outlet port:	DIN / ANSI / JIS DN 25/32 1 1/4 inch DN 25/32 1 1/4 inch		



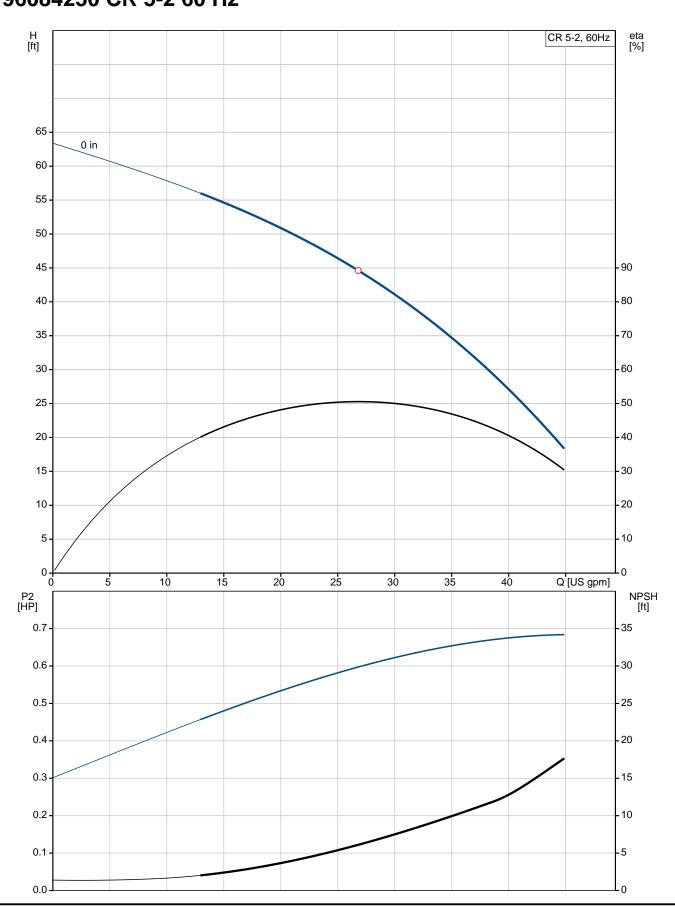
			Date:	2/20/2018
Position	Count	Description		
		Pressure rating:	PN 25	
		Flange size for motor:	56C	
		Flange rating inlet:	250 lb	
		Electrical data:		
		Motor standard: Motor type:	NEMA BALDOR	
		IE Efficiency class:	NA	
		Rated power - P2:	0.75 HP	
		Power (P2) required by pump:		
		Main frequency:	60 Hz	
		Rated voltage: Service factor:	1 x 115/208-230 V 1.25	
		Rated current:	9,60/5,00-4,80 A	
		Rated speed:	3450 rpm	
		Number of poles:	2	
		Enclosure class (IEC 34-5): Insulation class (IEC 85):	54 Dust/Splashing B	
			-	
		Others: Net weight:	65.4 lb	
		Gross weight:	76.4 lb	
		Shipping volume:	4.94 ft ³	



2/20/2018

Date:

96084250 CR 5-2 60 Hz

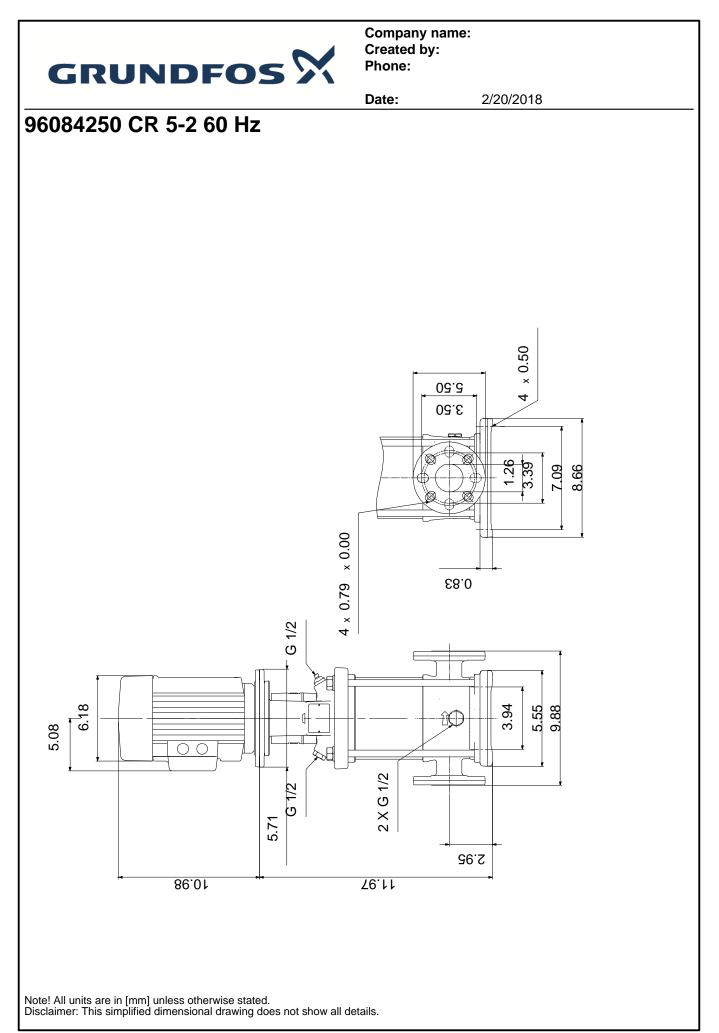




		Date: 2/20/2018					
		н				CR 5-2, 60Hz	eta
Description	Value	[ft]				0110-2,00112	[%]
General information:							
Product name:	CR 5-2 A-FGJ-A-E-HQQE	65					
Product No.:	96084250		UIN				
EAN:	5700395190885	60					
		55					
Technical:		50	-				
Speed for pump data:	3464 rpm	45					- 90
Stages:	2	40					- 80
Impellers:	2						
Low NPSH:	Ν	35				\mathbf{X}	- 70
Pump orientation:	Vertical	30					- 60
Shaft seal arrangement:	Single	25	┫──┤──				- 50
Code for shaft seal:	HQQE	20				\sim	- 40
Approvals on nameplate:	CURUS,NSF61						
Curve tolerance:	ISO9906:2012 3B	15					- 30
Pump version:	Α	10	1 /				- 20
Model:	A	5	+/-				- 10
Cooling:	TEFC	0	\downarrow				Lo
5	-	_	0 5 10	15 20	25 30	35 Q [US gpm]	1 ./
Materials:		P2 [HP]					NPS [ft]
Base:	Cast iron						F
	EN 1561 EN-GJL-200	0.6	4				- 30
	ASTM A48-25B	0.5	┫──┤──┤──				- 25
Impeller:	Stainless steel	0.4					- 20
	EN 1.4301						
	AISI 304	0.3					- 15
Material code:	A A	0.2	4				- 10
Code for rubber:	E	0.1	┫──┤──			_	-5
Bearing material:	SIC	0.0					Lo
Bearing material.	510	-•					Ū
Installation:			5.08				
Maximum ambient temperature:	104 °F	_	<u>6.18</u>	1			
Max pressure at stated temperature:	363 psi / 250 °F	_					
max prossure at stated temperature.	363 psi / -4 °F	10.98					
Type of connection:	DIN / ANSI / JIS	10		IJ			
••	FGJ		5.71	T T			
Connect code:		_	<u><u> </u></u>	G 1/2			
Size of inlet connection:	DN 25/32	_			× 0.00		
Size of suction port:	1 1/4 inch	11.97	2 X G 1/2				
Size of outlet connection:	DN 25/32		l, ruk-	4			
Size of outlet port:	1 1/4 inch					8; 6 6; 6	
Pressure rating:	PN 25	_	3.94	1 1	1.26	N.	
Flange size for motor:	56C		<u>5.55</u> 9.88		3.39	<u>4 × 0.50</u>	
Flange rating inlet:	250 lb			·	8.66		
1 Second de							
Liquid:	Matar		N -				
Pumped liquid:	Water	– L	N ÷				
Liquid temperature during operation:	68 °F	- П					
Density:	62.29 lb/ft ³	- H					
		_					
Electrical data:		_	i				
Motor standard:	NEMA	_	!				
Motor type:	BALDOR	_					
IE Efficiency class:	NA	_					
Rated power - P2:	0.75 HP						
Power (P2) required by pump:	0.75 HP		i				
Main frequency:	60 Hz		1 /				
Rated voltage:	1 x 115/208-230 V		11				
Service factor:	1.25	- /N	۱Ý				
Rated current:	9,60/5,00-4,80 A	- \1,					



		Date:	2/20/2018	
Description	Value			
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			
Insulation class (IEC 85):	В			
Motor protection:	NONE			
Motor Number:	84Z04001			
Controls:				
Frequency converter:	NONE			
Others:				
Net weight:	65.4 lb			
Gross weight:	76.4 lb			
Shipping volume:	4.94 ft ³			

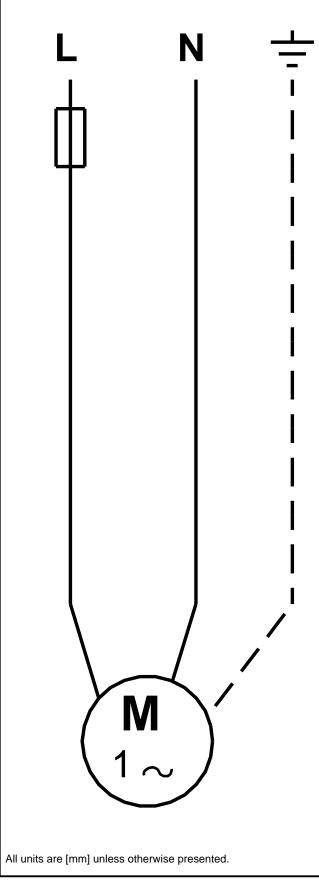




Date:

2/20/2018

96084250 CR 5-2 60 Hz



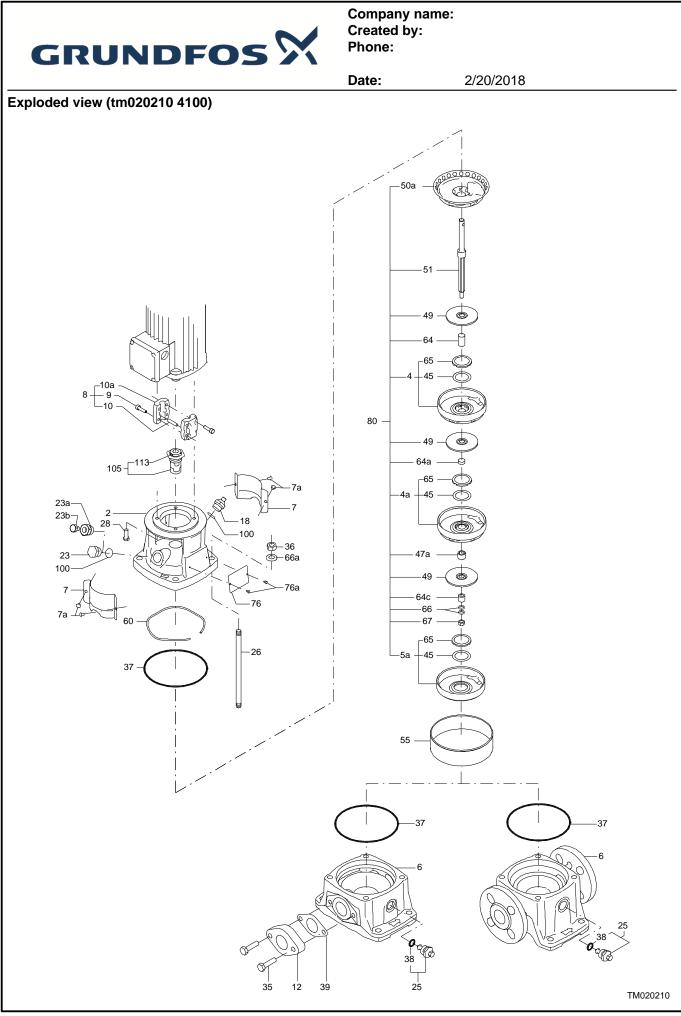


2/20/2018

Order Data:

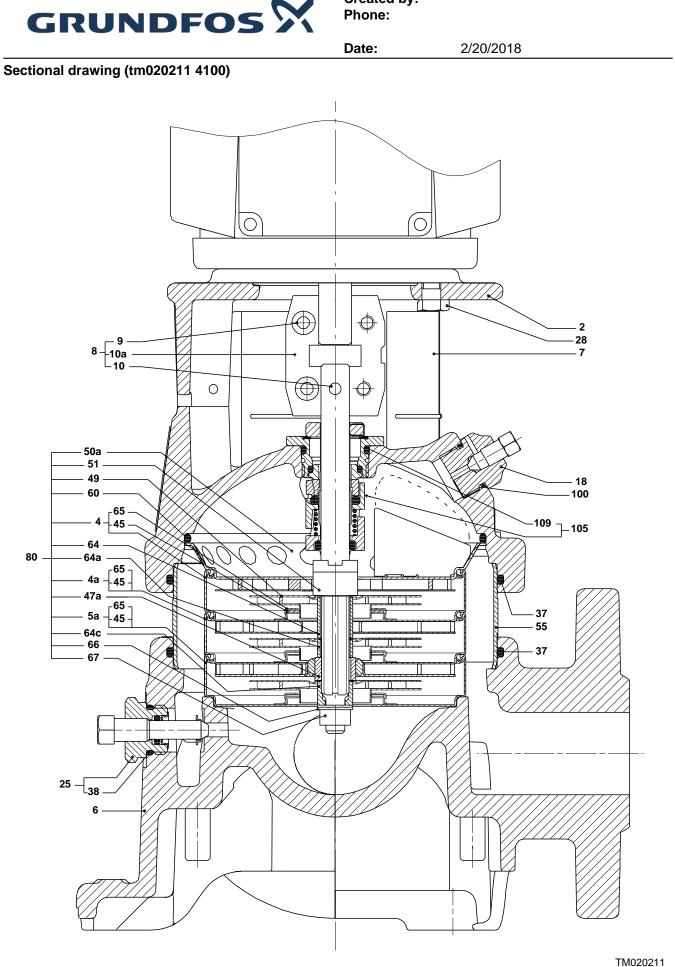
Product name: CR 5-2 A-FGJ-A-E-HQQE Amount: 1 Product No.: 96084250

Total: Price on request





Company name: Created by:





Date:

2/20/2018

Parts list CR 5-2, Prod number 96084250 Valid from 1.1.2004 (0401)

Position	Description	Annotation	Classification data	Part No.			
	Motor				1		pcs
	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: EPDM				
			Thickness: 2,4				
37	O-ring					2	
100	O-ring		Diameter: 16,3			2	
			Material type: EPDM			_	
			Thickness: 2,4				
2	Pump head cpl.		Thioki 1000. 2,4		1		pcs
2	Pump head				1	1	pus
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	
8	Coupling cpl.				1		pcs
26	Staybolt		Length: 79		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
105	Shaft seal		Material type: HQQE		1		pcs
105	O-ring		Material type. Hoo		1	1	pus
	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					1	
102	O-ring		Diameter: 22,00			1	
			Material type: EPDM				
			Thickness: 2,75				
103	Seal ring, stationary					1	
105	Seal ring, rotating					1	
107	O-ring					1	
113	Driver					1	