

Submittal Data

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

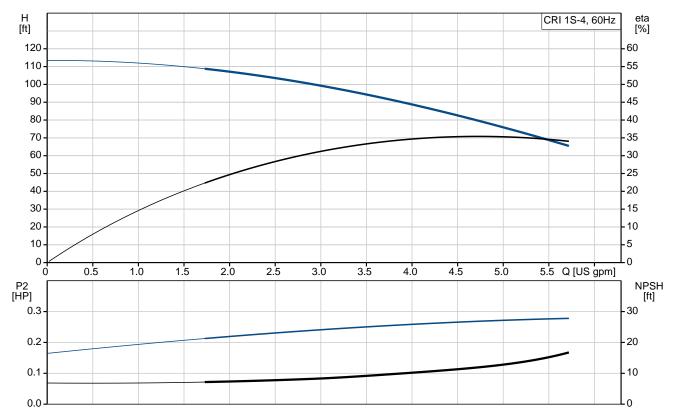


CRI 1S-4 A-CA-A-V-HQQV

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)

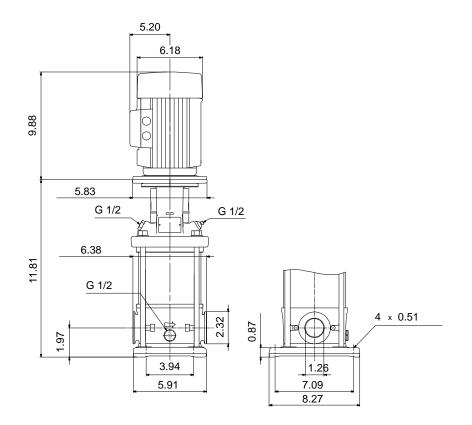
Product photo could vary from the actual product

Conditions of Service		Pump Data	Motor Data		
Flow: 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 96081309	Rated power - P2: Rated voltage: Main frequency: Insulation class: Motor type:	0.33 HP 115/230 V 60 Hz B Baldor



Submittal Data





Materials:

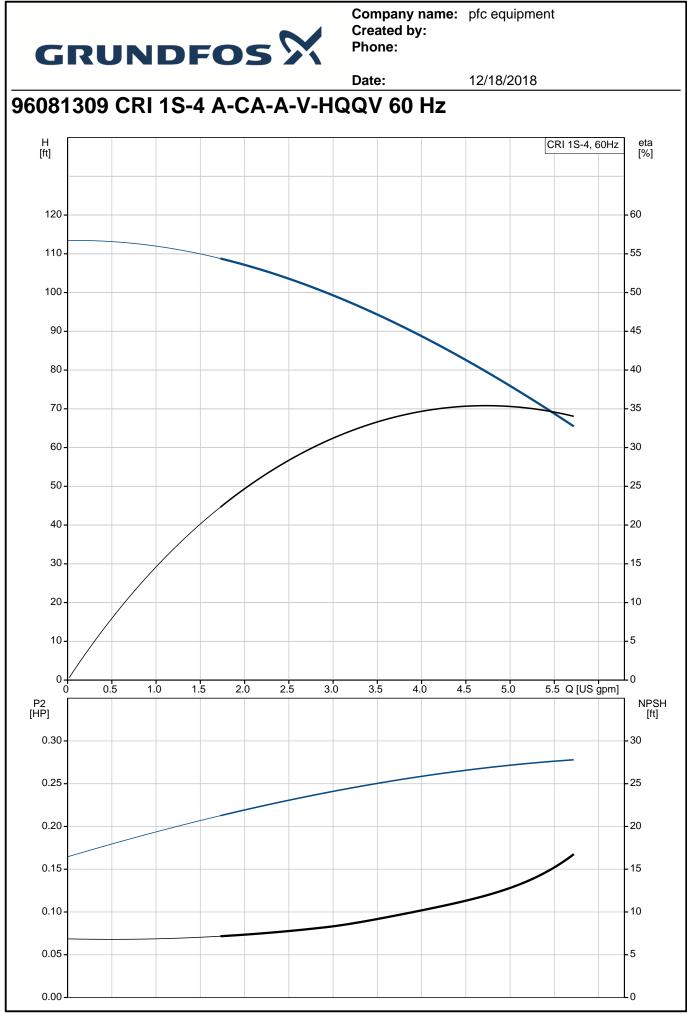
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
	AISI 304
	EN 1.4301
Material code:	А
Code for rubber:	V

C	GRUNDFO	sX	Company name: Created by: Phone:	pfc equipment
			Date:	12/18/2018
Count	Description			
1	CRI 1S-4 A-CA-A-V-HQQV			
	Product No.: 96081309			
	Product No.: 96081309 Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.			
		actoristica		
	The pump has the following char - Impellers, intermediate ch			
	sleeve are made of - Pump head cover and ba	se are made of		
	 The shaft seal has assem according to EN 12756. Power transmission is via 	bly length		
	coupling. flanges/couplings.			
	The motor is a 1-phase AC moto	r.		
	Controls:			
	Frequency converter:	NONE		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	-4 194 °F		
	Liquid temperature during opera			
	Density:	62.29 lb/ft ³		
	Technical:			
	Rated pump speed:	3436 rpm		
	Rated flow:	4.84 US gpm		
	Rated head:	77.76 ft		
	Pump orientation:	Vertical		
	Shaft seal arrangement: Code for shaft seal:	Single HQQV		
	Approvals on nameplate:	CURUS		
	Curve tolerance:	ISO9906:2012 3B		
	Materials:			
	Base:	Stainless steel		
		EN 1.4408		
		AISI 316		
	Impeller:	Stainless steel		
		EN 1.4301		
	Bearing:	AISI 304 SIC		
	Installation: Maximum ambient temperature:	104 °F		
	Maximum operating pressure:	363 psi		



Company name: pfc equipment Created by: Phone:

Image: Second				Date:	12/18/2018	
363 psi / -4 °F Type of connection: PlexiClamp Size of inlet connection: DN 32 Size of outlet connection: DN 32 Size of outlet connection: DN 32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange size for motor: 56C Electrical data: NEMA Motor standard: NEMA Motor type: Baldor Rated power - P2: 0.33 HP Power (P2) required by pump: 0.33 HP Power (P2) required by pump: 0.33 HP Power (P2) required by pump: 0.33 HP Main frequency: 60 Hz Rated voltage: 1 x 115/230 V Service factor: 1.35 Rated voltage: 1 x 115/230 V Service factor: 1.35 Rated speed: 3450 rpm Number of poles: 2 Insulation class (IEC 85): B Others: 55.7 lb Net weight: 55.7 lb Shipping volume: 4.94 ft ⁹ Country of origin: US	unt					
Type of connection:FlexiClampSize of inlet connection:DN 32Size of suction port:1 1/4 inchSize of outlet port:1 1/4 inchPressure rating for pipe connection:PN 25Flange size for motor:56CElectrical data:Motor standard:NEMAMotor type:BaldorRated power - P2:0.33 HPPower (P2) required by pump:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 × 115/230 VService factor:1.35Rated current:6.00/3.00 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:2Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US		Max pressure at stated tempera	ature: 363 psi / 1	94 °F		
Size of inlet connection:DN 32Size of suction port:1 1/4 inchSize of outlet connection:DN 32Size of outlet port:1 1/4 inchPressure rating for pipe connection:PN 25Flange size for motor:56CElectrical data:Motor standard:NEMAMotor type:BaldorRated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US				∔ °F		
Size of suction port:1 1/4 inchSize of outlet connection:DN 32Size of outlet port:1 1/4 inchPressure rating for pipe connection:PN 25Flange size for motor:56CElectrical data:Motor standard:Motor standard:NEMAMotor type:BaldorRated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US						
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Pressure rating for pipe connection:PN 25Flange size for motor:56CElectrical data:NEMAMotor standard:NEMAMotor type:BaldorRated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated current:6.00/3.00 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:55.7 lbShipping volume:4.94 ft³Country of origin:US		Size of outlet port:	1 1/4 inch			
Flange size for motor:56CElectrical data:Motor standard:NEMAMotor type:BaldorRated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US		Pressure rating for pipe connec	tion: PN 25			
Motor standard:NEMAMotor type:BaldorRated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated current:6.00/3.00 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft ³ Country of origin:US						
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Motor type:BaldorRated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated current:6.00/3.00 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US			NEMA			
Rated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated current:6.00/3.00 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US						
Power (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated current:6.00/3.00 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US		Botod power B2:				
Main frequency:60 HzRated voltage:1 x 115/230 VService factor:1.35Rated current:6.00/3.00 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft ³ Country of origin:US						
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Rated current:6.00/3.00 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft ³ Country of origin:US						
Rated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft ³ Country of origin:US		Service factor:	1.35			
Number of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US		Rated current:	6.00/3.00 A			
Number of poles:2Insulation class (IEC 85):BOthers:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US		Rated speed:	3450 rpm			
Insulation class (IEC 85): B Others: Net weight: 44.7 lb Gross weight: 55.7 lb Shipping volume: 4.94 ft ³ Country of origin: US						
Others:Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US						
Net weight:44.7 lbGross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US			D			
Gross weight:55.7 lbShipping volume:4.94 ft³Country of origin:US						
Shipping volume:4.94 ft³Country of origin:US						
Country of origin: US		Gross weight:	55.7 lb			
Country of origin: US			4.94 ft ³			
			US			
		Custom tann no	0413.70.2040			



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Company name: pfc equipment Created by: Phone:

		Date:	12/18/201		
Description	Value	H [ft]		CRI 1S-4, 60Hz	eta [%]
General information:					
Product name:	CRI 1S-4 A-CA-A-V-HQQV	120 -			- 60
Product No.:	96081309	110 -			- 55
EAN:	5700395164602	-			
Technical:		100 -			- 50
Rated pump speed:	3436 rpm	90 -			- 45
Rated flow:	4.84 US gpm	80 -			- 40
Rated head:	77.76 ft	00-			- 40
Head max:	113.2 ft	70 -			- 35
Stages:	4	60 -		· · · ·	- 30
Impellers:	4	50			05
Number of reduced-diameter		50 -			- 25
impellers:	0	40 -			- 20
Low NPSH:	No	30 -			- 15
Pump orientation:	Vertical				
Shaft seal arrangement:	Single	20 -			- 10
Code for shaft seal:	HQQV	10 -			-5
Approvals on nameplate:	CURUS	0			Lo
Curve tolerance:	ISO9906:2012 3B	0 0.5 1.0	1.5 2.0 2.5 3.0 3.	5 4.0 4.5 Q [US gpm]	-
Pump version:	A	P2 [HP]			NPSH [ft]
Model:	A				-
Cooling:	TEFC	0.25 -			- 25
Materials:					
Base:	Stainless steel	0.20 -			- 20
2000.	EN 1.4408	0.15			- 15
	AISI 316	0.10 -			- 10
Impeller:	Stainless steel	0.10			- 10
	EN 1.4301	0.05 -			-5
	AISI 304	0.00			Lo
Material code:	A A				-
Code for rubber:	V	-	5.20		
Bearing:	SIC	-	6.18		
Installation:	310				
Maximum ambient temperature:	104 °F	88.			
Maximum operating pressure:	363 psi	ő			
	363 psi / 194 °F	.			
Max pressure at stated temperature:	363 psi / -4 °F	<u>5.83</u> <u>G 1/2</u>	G 1/2		
Type of connection:	FlexiClamp		<u>xupux</u>		
Size of inlet connection:	DN 32	6.38 E 0.40			
		⊊ <u>G 1/2</u>			
Size of suction port: Size of outlet connection:	1 1/4 inch DN 32			4 × 0.51	
	DN 32	1.97			
Size of outlet port:			<u>3.94</u>	1.2 <u>6</u> 7.09	
Pressure rating for pipe connection:	PN 25			8.27	
Flange size for motor:	56C	-			
Connect code:	CA				
Liquid:	\\/_+				
Pumped liquid:	Water	.Ψ.Ι.			
Liquid temperature range:	-4 194 °F	.			
Liquid temperature during operation:	68 °F	. !			
Density:	62.29 lb/ft ³	.			
Electrical data:					
Motor standard:	NEMA	.			
Motor type:	Baldor	. !			
Rated power - P2:	0.33 HP				
Power (P2) required by pump:	0.33 HP				
Main frequency:	60 Hz	$\langle \rangle / /$			
Rated voltage:	1 x 115/230 V	M			
Service factor:	1.35	· / IVI \			



Company name: pfc equipment Created by: Phone:

		-	
		Date:	12/18/2018
Description	Value		
Rated current:	6.00/3.00 A		
Load current:	6.8/3.4 A		
Rated speed:	3450 rpm		
Number of poles:	2		
Insulation class (IEC 85):	В		
Motor Number:	85680001		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	44.7 lb		
Gross weight:	55.7 lb		
Shipping volume:	4.94 ft ³		
Country of origin:	US		
Custom tariff no .:	8413.70.2040		

