

Submittal Data

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

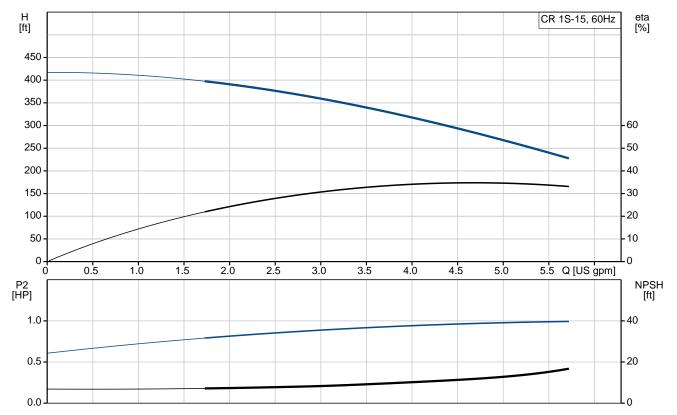


CR 1S-15 A-B-A-E-HQQE

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)

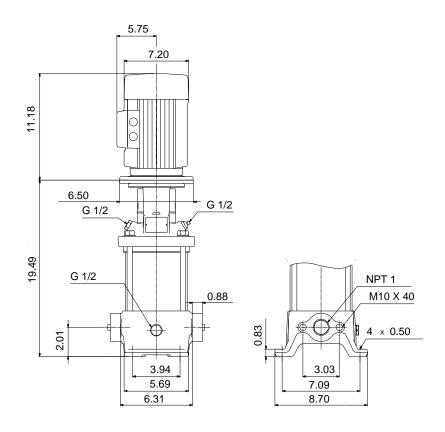
Product photo could vary from the actual product

Conditions of Service		Pump Data			Motor Data	
Flow:		Max pressure at stated temperature:	232 psi / 250 °F	Rated power - P2:	1 HP	
Head:		Liquid temperature range:	-4 248 °F	Rated voltage:	115/230 V	
Efficiency:		Maximum ambient temperature:	104 °F	Main frequency:	60 Hz	
Liquid:	Water	Approvals:	CURUS,NSF61	Insulation class:	В	
Temperature:	68 °F	Shaft seal:	HQQE	Motor protection:	NONE	
NPSH required:	ft	Product number:	96080899	Motor type:	Baldor	
Viscosity:						
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:

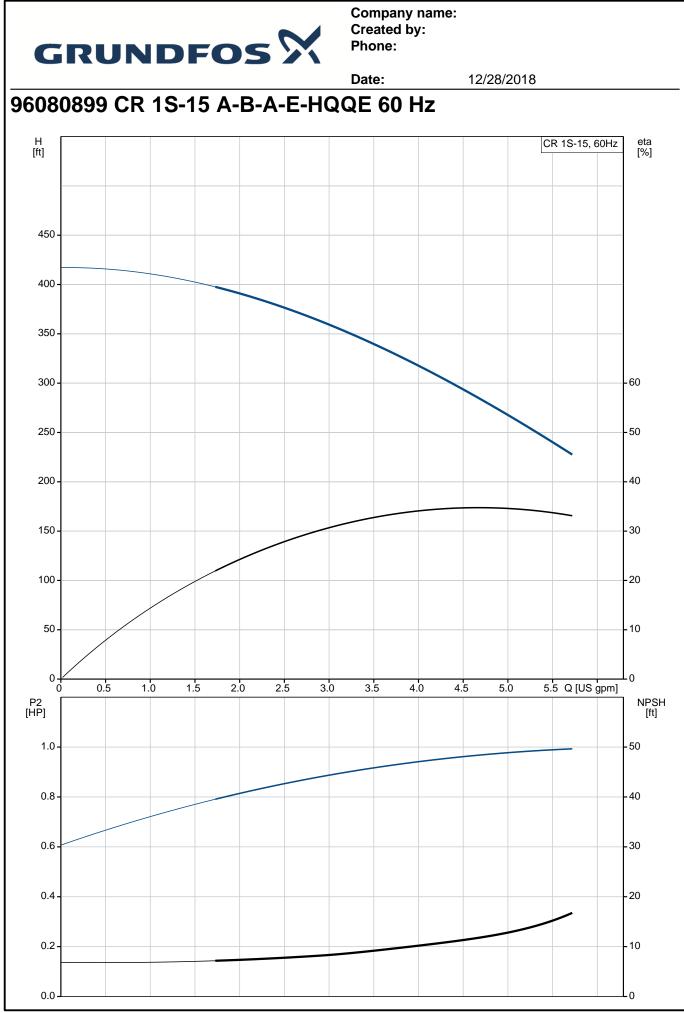
Code for rubber: E

Date: 1/228/2013 Count Description 1 CR 15-15 A-B-A-E-HOQE Image: Product No:: 96080959 Vertical, non-self-priming, multistage, in-line. centrifugal pump for installation in pipe systems and monting on a foundation. Preduct No:: The pump has the following characteristics: Impeliers and intermediate chambers are made of The shaft seah 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 temperature range: 4248 "F Pumped liquid: Water Liquid temperature range: 4248 "F Pumped liquid: Water Liquid temperature during operation: 68 "F Density: 62.29 lb/1 th Technical: Rated pump speed: Rated pump speed: 3450 rpm Rated head: 276.3 ft Pump orientation: Vertical Rated head: 276.3 ft Pump orientation: Kertical Rated head: EOS06052012 3B Materials: Base:	C	RUNDFO	s X	Company n Created by: Phone:					
1 CR 18-15 A-B-A-E-HQQE Product No:: 96080899 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: - Impeliers 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: Water Liquid temperature range: -4. 248 °F Liquid temperature range: -4. 248 °F Liquid temperature range: -4. 248 °F Liquid temperature scales: 276.3 ft Pump orientation: Vertical Rated pump speed: 3450 rpm Rated flow: 276.3 ft Pump orientation: Vertical Shaft seal arrangement: Single Cade for shaft seal: 276.3 ft Pump orientation: Vertical Shaft seal HOE Approvals on nameplate: CURUS,NSF61 Curve tolerance: ISO99				Date:	12/28/2018				
Product No: 9000099 Vertical, non-self-priming, mullistage, in-line, contriving a pump for installation in pipe systems and mounting on a foundation. The pump has the following characteristics: Impellers and intermediate chambers are made of 1. Impellers	Count	Description							
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 temperature range: 4248 °F Liquid temperature during operation: 68 °F Density: 6229 lb/ft ^a Technical: Rated pump speed: 3450 rpm Rated pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: Code for shaft seal: HOQE Approvals on nameplate: CURUS,NSF61 Curve tolerance: LS304 Eearing: Stainless steel En 1561 EN-CJL-200 ASTM A48-25B Impeller: Stainless steel En 14.301 Als1 304 Eearing:	1	CR 1S-15 A-B-A-E-HQQE							
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Base: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC Installation: Maximum ambient temperature: 104 °F Maximum operating pressure: 232 psi Max pressure at stated temperature: 232 psi / 250 °F 232 psi / -4 °F		Materials:							
ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC Installation: Maximum ambient temperature: 104 °F Maximum operating pressure: 232 psi Max pressure at stated temperature: 232 psi / 250 °F 232 psi / -4 °F			Cast iron						
Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC Installation: Maximum ambient temperature: 104 °F Maximum operating pressure: 232 psi Max pressure at stated temperature: 232 psi / 250 °F 232 psi / -4 °F			EN 1561 EN-GJL	-200					
EN 1.4301 AISI 304 Bearing: SIC Installation: Maximum ambient temperature: 104 °F Maximum operating pressure: 232 psi Max pressure at stated temperature: 232 psi / 250 °F 232 psi / -4 °F									
AISI 304 Bearing: SIC Installation: Maximum ambient temperature: 104 °F Maximum operating pressure: 232 psi Max pressure at stated temperature: 232 psi / 250 °F 232 psi / -4 °F		Impeller:							
Bearing: SIC Installation:									
Installation: Maximum ambient temperature: 104 °F Maximum operating pressure: 232 psi Max pressure at stated temperature: 232 psi / 250 °F 232 psi / -4 °F		Bearing:							
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Maximum ambient temperature: 104 °F Maximum operating pressure: 232 psi Max pressure at stated temperature: 232 psi / 250 °F 232 psi / -4 °F		Installation:							
Max pressure at stated temperature: 232 psi / 250 °F 232 psi / -4 °F		Maximum ambient temperature	: 104 °F						
232 psi / -4 °F		Maximum operating pressure:	232 psi						
		Max pressure at stated tempera							
Type of connection: Oval / NPT(F)		T		°F					
		I ype of connection:	Oval / NPT(F)						



Company name: Created by: Phone:

Description				
-	1 inch			
Electrical data:				
Rated power - P2:				
Power (P2) required by pump:				
Insulation class (IEC 85):	В			
Others:				
Net weight:	76.2 lb			
Gross weight:				
Shipping volume:				
Custom tariff no.:	8413.70.2040			
	Flange size for motor: Electrical data: Motor standard: Motor type: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Service factor: Rated current: Rated speed: Number of poles: Insulation class (IEC 85): Others:	Size of suction port:1 inchSize of outlet port:1 inchPressure rating for pipe connection:PN 16Flange size for motor:56CElectrical data:NEMAMotor standard:NEMAMotor type:BaldorRated power - P2:1 HPPower (P2) required by pump:1 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.25Rated current:12/6 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:76.2 lbNet weight:90.7 lbShipping volume:8.26 ft³Country of origin:US	Size of suction port:1 inchSize of outlet port:1 inchPressure rating for pipe connection:PN 16Flange size for motor:56CElectrical data:Motor standard:NEMAMotor type:BaldorRated power - P2:1 HPPower (P2) required by pump:1 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.25Rated current:12/6 ARated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:76.2 lbServicy foright:90.7 lbShipping volume:8.26 ft³Country of origin:US	DescriptionSize of suction port:1 inchSize of outlet port:1 inchPressure rating for pipe connection:PN 16Flange size for motor:56CElectrical data:Motor standard:NEMAMotor type:BaldorRated power - P2:1 HPPower (P2) required by pump:1 HPMain frequency:60 HzRated voltage:1 x 115/230 VService factor:1.25Rated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):BOthers:Net weight:76.2 lbGross weight:90.7 lbShipping volume:8.26 ft ³ Country of origin:US



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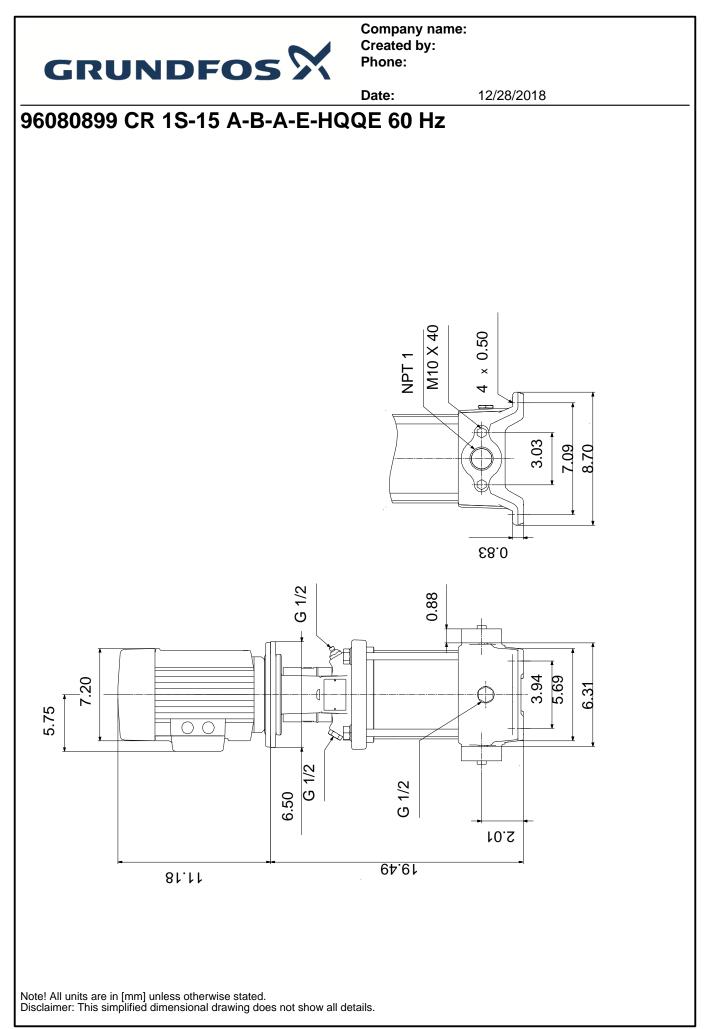
Company name: Created by: Phone:

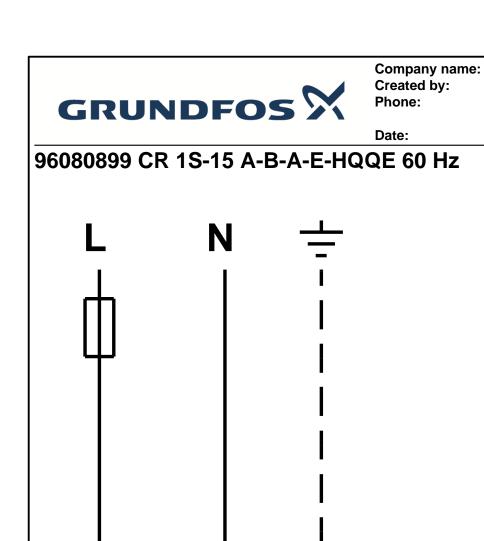
		Date:	12/28	8/2018		
Description	Value	H [ft]			CR 1S-15, 60Hz	eta [%]
General information:						
Product name:	CR 1S-15 A-B-A-E-HQQE					
Product No.:	96080899	450 -				
EAN:	5700395153576	100				
Technical:		400 -				-
Rated pump speed:	3450 rpm	350 -				
Rated flow:	4.84 US gpm	550 -				
Rated head:	276.3 ft	300 -				- 60
Head max:	415.7 ft	250 -				- 50
Stages:	15					
mpellers:	15	200 -				- 40
Number of reduced-diameter impellers	0	150 -				- 30
Low NPSH:	No	100				00
Pump orientation:	Vertical	100 -				- 20
Shaft seal arrangement:	Single					Ι.
Code for shaft seal:	HQQE	50 -				- 10
Approvals on nameplate:	CURUS,NSF61					L
Curve tolerance:	ISO9906:2012 3B	0 0 0	.5 1.0 1.5 2.0 2.5	3.0 3.5 4.0	4.5 Q [US gpm]	<u> </u>
		P2 [HP]				NPSH
Pump version:	A	[HP] 1.0 -				[ft] - 50
Model:	A					
Cooling:	TEFC	0.8 -				- 40
Materials:						
Base:	Cast iron	0.6				- 30
	EN 1561 EN-GJL-200	0.4 -				- 20
	ASTM A48-25B	0.4 -				[²⁰
Impeller:	Stainless steel	0.2				- 10
	EN 1.4301	_				
	AISI 304	0.0				Lo
Material code:	A					
Code for rubber:	E		5.75			
Bearing:	SIC		1.20			
Installation:		_				
Maximum ambient temperature:	104 °F	11.18				
Maximum operating pressure:	232 psi		'UIIII			
Maximum operating pressure. Max pressure at stated temperature:	232 psi / 250 °F					
man pressure at stated temperature:	232 psi / 250 °F 232 psi / -4 °F		<u>G 1/2</u> G 1/2			
Tupo of connection:						
Type of connection:	Oval / NPT(F)	19.49	G 1/2		NPT 1	
Size of suction port:	1 inch		0.88		M10 X 40	
Size of outlet port:	1 inch	₌			<u>4 × 0.50</u>	
Pressure rating for pipe connection:	PN 16	2.01	─────────────────		fi	
Flange size for motor:	56C		3.94	3.03]	
Connect code:	В		6.31	8.70	-	
_iquid:						
Pumped liquid:	Water					
_iquid temperature range:	-4 248 °F	LN	÷			
Liquid temperature during operation:	68 °F	μl	i			
Density:	62.29 lb/ft ³	ΨΙ	I.			
Electrical data:						
Motor standard:	NEMA		1			
Motor type:	Baldor					
Rated power - P2:	1 HP		I			
			I			
Power (P2) required by pump:	1 HP					
Main frequency:	60 Hz		1			
Rated voltage:	1 x 115/230 V	ļ	j			
Service factor:	1.25	\ /	/			
Rated current:	12/6 A	M	/			
Load current:	14.4/7.2 A	/ 191 \				



Company name: Created by: Phone:

		Date:	12/28/2018	
Description	Value			
Rated speed:	3450 rpm			
Number of poles:	2			
Insulation class (IEC 85):	В			
Motor protection:	NONE			
Motor Number:	84Z04004			
Controls:				
Frequency converter:	NONE			
Others:				
Net weight:	76.2 lb			
Gross weight:	90.7 lb			
Shipping volume:	8.26 ft ³			
Country of origin:	US			
Custom tariff no .:	8413.70.2040			





12/28/2018

