

Submittal Data

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

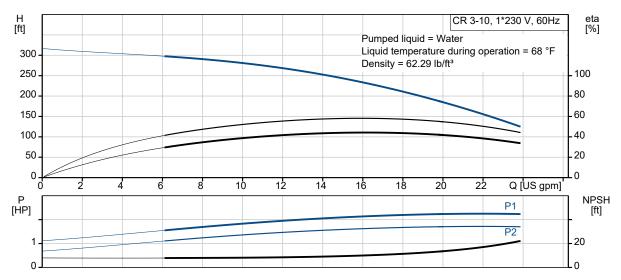


CR 3-10 A-FGJ-A-E-HQQE

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)

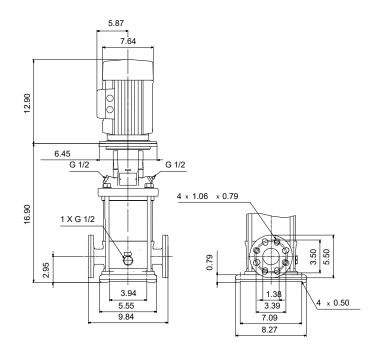
Product photo could vary from the actual product

Conditions	s of Service	Pump Data		Motor	Data
Efficiency:		Max pressure at stated temperature:	363 psi / 250 °F	Rated power - P2:	2 HP
Liquid:	Water	Liquid temperature range:	-4 248 °F	Rated voltage:	115/208-230 V
Temperature:	68 °F	Maximum ambient temperature:	104 °F	Main frequency:	60 Hz
NPSH required:	ft	Approvals:	CURUS,NSF61	Enclosure class:	IP55
Specific Gravity:	1.000	Shaft seal:	HQQE	Insulation class:	F
		Product number:	99916282	Motor protection:	PTO
				Motor type:	WEG
				Eff. 1/1:	77.0 %



Submittal Data





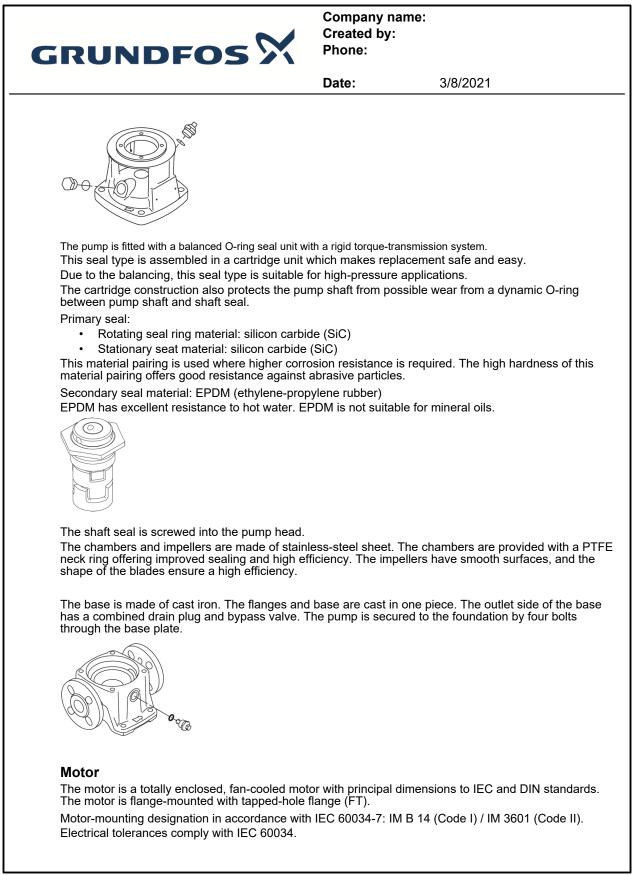
Materials:

Base: Cast iron Base: EN 1561 EN-GJL-200 Base: ASTM A48-25B Impeller: Stainless steel Impeller: AISI 304 Impeller: EN 1.4301 Material code: А Code for rubber: Е



Company name: Created by: Phone:

	Date:	3/8/2021
Description		
CR 3-10 A-FGJ-A-E-HQQE		
Product No.: 99916282		
and base are in cast iron – all other wetted high reliability, safe handling, and easy acce	parts are in stainless stee ess and service. Power tra	I. A cartridge shaft seal ensures
The pump is fitted with a 1-phase, fan-coole	ed asynchronous motor.	
Further product details		
Steel, cast iron and aluminium components electro-deposition (CED) process.	have an epoxy-based coa	ating made in a cathodic
CED is a high-quality dip-painting process v deposition of paint particles as a thin, well-c	where an electrical field are controlled layer on the surf	ound the products ensures ace.
 The entire process consists of these element 1) Alkaline-based cleaning. 2) Zinc phosphating. 3) Cathodic electro-deposition. 4) Curing to a dry film thickness 18-22 my 	nts: ^v m.	
	o and motor shaft. It is end	closed in the pump head/motor stool
The pump head, pump head cover and flan has a combined 1/2" priming plug and vent	ge for motor mounting is r screw.	nade in one piece. The pump head
	CR 3-10 A-FGJ-A-E-HQQE Froduct No.: 99916282 Vertical, multistage centrifugal pump with in and base are in cast iron – all other wetted high reliability, safe handling, and easy acco- coupling. Pipe connection is via combined D The pump is fitted with a 1-phase, fan-coole Further product details Steel, cast iron and aluminium components electro-deposition (CED) process. CED is a high-quality dip-painting process w deposition of paint particles as a thin, well-or An integral part of the process is a pretreatur The entire process consists of these element 1) Alkaline-based cleaning. 2) Zinc phosphating. 3) Cathodic electro-deposition. 4) Curing to a dry film thickness 18-22 my The colour code for the finished product is N Pump A standard split coupling connects the pump by means of two coupling guards. The pump head, pump head cover and flam.	Description CR 3-10 A-FGJ-A-E-HQQE Image: Construct the system of the s



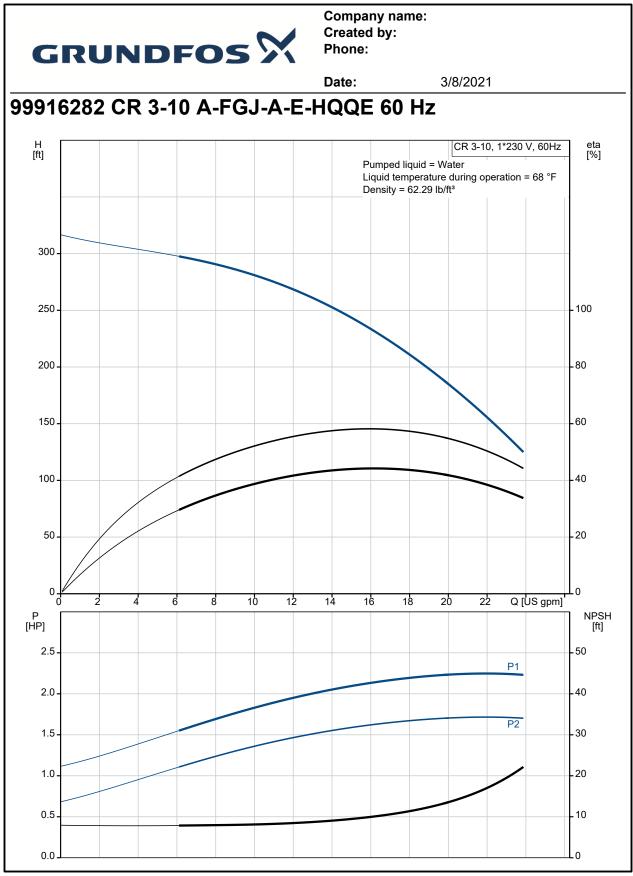
G	RUNDFO	5 X	Company name: Created by: Phone:				
			Date:	3/8/2021			
ount	Description						
	The motor has built-in thermal protection (PTO current and temperature sensors) in accordance with IEC 60034-11 and requires no further motor protection. The protection reacts to both slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.						
	As the thermal protection incorporates automatic reset, the motor must be connected in a way which ensures that the automatic reset cannot cause accidents.						
	Technical data						
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	-4 248 °F					
	Selected liquid temperature: Density:	68 °F 62.29 lb/ft³					
	Technical:						
	Rated pump speed:	3450 rpm					
	Rated flow:	15.4 US gpm					
	Rated head:	230.7 ft					
	Pump orientation:	Vertical					
	Shaft seal arrangement:	Single					
	Code for shaft seal:	HQQE					
	Approvals on nameplate:	CURUS,NSF	51				
	Curve tolerance:	ISO9906:201	2 3B				
	Materials:	•					
	Base:	Cast iron	.				
		EN 1561 EN-					
	l	ASTM A48-25	-				
	Impeller:	Stainless stee	el				
		EN 1.4301					
		AISI 304					
	Bearing:	SIC SIC					
	Installation:						
	Maximum ambient temperature:	104 °F					
	Maximum operating pressure:	362.59 psi					
	Max pressure at stated temperate						
	Type of connection:	DIN / ANSI / J					
	Size of inlet connection:	DN 25/32					
	Size of outlet connection:	DN 25/32					
	Pressure rating for connection:	PN 25					
	Flange rating inlet:	250 lb					
	Flange size for motor:	56C					
	Electrical data:						
	Motor standard:	NEMA					
	Motor type:	WEG					
	Rated power - P2:	2 HP					

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Company name: Created by: Phone:

		Date:	3/8/2021
ount	Description		
	Power (P2) required by pump:	2 HP	
	Main frequency:	60 Hz	
	Rated voltage:	1 x 115/208-230 V	
	Service factor:	1.15	
	Rated current:	17,5/9,62-8,73 A	
	Starting current:	780-780 %	
	Cos phi - power factor:	0.97	
	Rated speed:	3495 rpm	
	IE efficiency:	77.0%	
	Motor efficiency at full load:	77.0 %	
	Motor efficiency at 3/4 load:	75.0 %	
	Motor efficiency at 1/2 load:	70.0 %	
		2	
	Number of poles:		
	Enclosure class (IEC 34-5):	IP55	
	Insulation class (IEC 85):	F	
	Motor Number:	99883320	
	Controls:		
	Frequency converter:	NONE	
	Others:		
	Net weight:	81.7 lb	
	Gross weight:	96.2 lb	
	Shipping volume:	8.26 ft ³	
	Country of origin:	US	
	Custom tariff no.:	8413.70.2040	



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EAN:

Price:

Stages:

Impellers:

impellers:

Model:

Base: Base:

Impeller:

Impeller:

Impeller:

Bearing:

Bearing:

Size of inlet connection:

Size of outlet connection:

Flange rating inlet:

Connect code:

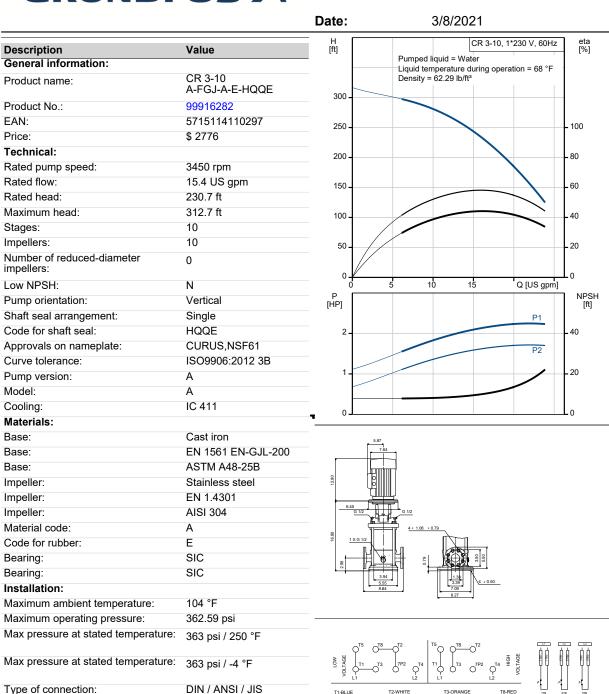
Flange size for motor:

Pressure rating for connection:

Cooling:

Materials: Base:

Company name: Created by: Phone:



T4-YELLO

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DN 25/32

DN 25/32

PN 25

250 lb

56C

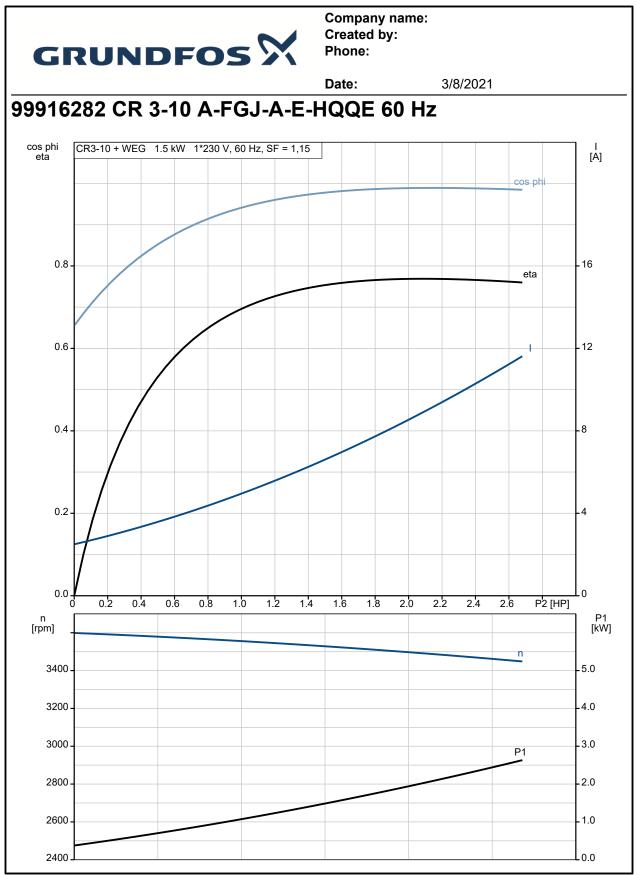
FGJ



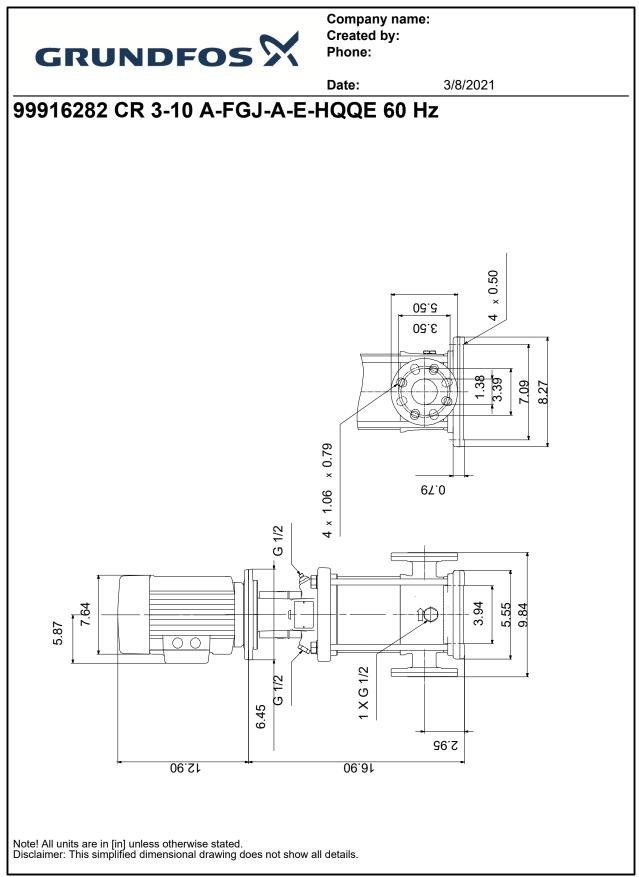
Company name: Created by: Phone:

		Date:	3/8/2021
Description	Value		
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	-4 248 °F		
Selected liquid temperature:	68 °F		
Density:	62.29 lb/ft ³		
Electrical data:			
Motor standard:	NEMA		
Motor type:	WEG		
Rated power - P2:	2 HP		
Power (P2) required by pump:	2 HP		
Main frequency:	60 Hz		
Rated voltage:	1 x 115/208-230 V		
Service factor:	1.15		
Rated current:	17,5/9,62-8,73 A		
Starting current:	780-780 %		
Load current:	20.1/8.73 A		
Cos phi - power factor:	0.97		
Rated speed:	3495 rpm		
IE efficiency:	77.0%		
Motor efficiency at full load:	77.0 %		
Motor efficiency at 3/4 load:	75.0 %		
Motor efficiency at 1/2 load:	70.0 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Motor protection:	PTO		
Motor Number:	99883320		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	81.7 lb		
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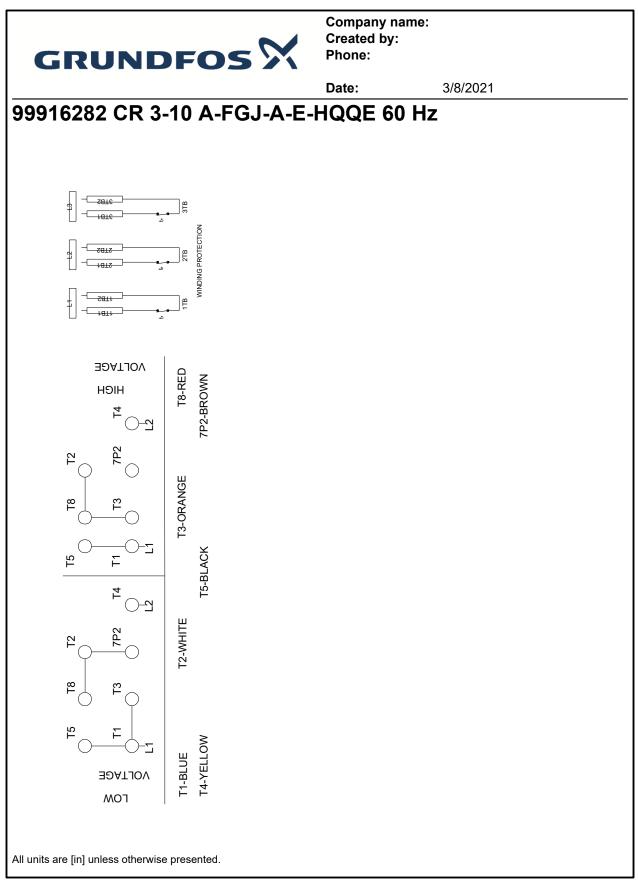
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