

Submittal Data

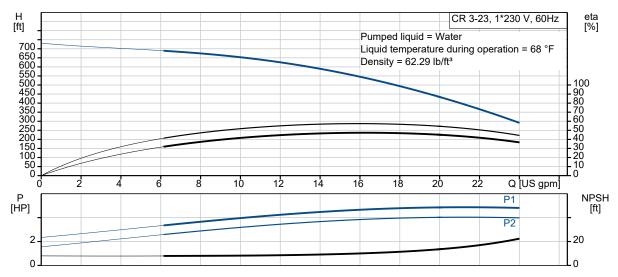
PROJECT:	UNIT TAG:	QUANTITY:	
	TYPE OF SERVICE:		
REPRESENTATIVE:	SUBMITTED BY:	 DATE:	
ENGINEER:	APPROVED BY:	 DATE:	
CONTRACTOR:	ORDER NO .:	 DATE:	



CR 3-23 A-FGJ-A-V-HQQV

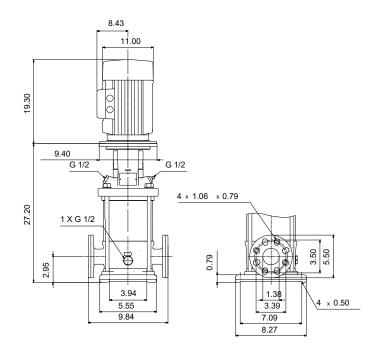
Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron. All other wetted parts are in stainless steel (EN 1.4301)(AISI 304)

Conditions of Service		Pump Data	Motor Data		
Efficiency:		Max pressure at stated temperature:	363 psi / 194 °F	Rated power - P2:	5 HP
Liquid:	Water	Liquid temperature range:	-4 194 °F	Rated voltage:	208-230
Temperature:	68 °F	Maximum ambient temperature:	104 °F	Main frequency:	60 Hz
NPSH required:	ft	Approvals:	CURUS	Enclosure class:	IP55
Specific Gravity:	1.000	Shaft seal:	HQQV	Insulation class:	F
		Product number:	99916309	Motor protection:	PTO
				Motor type:	WEG
				Eff. 1/1:	84.0 %



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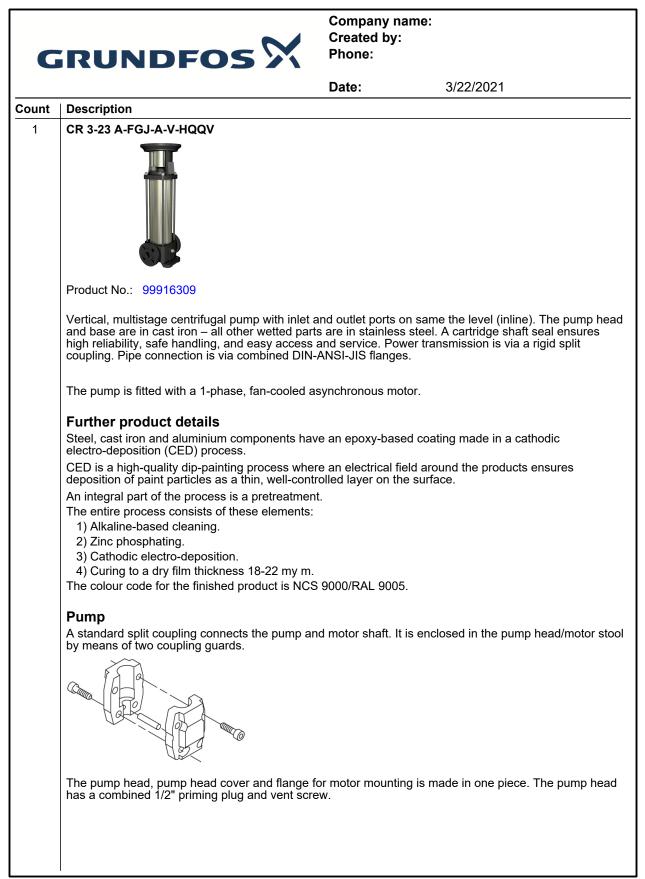


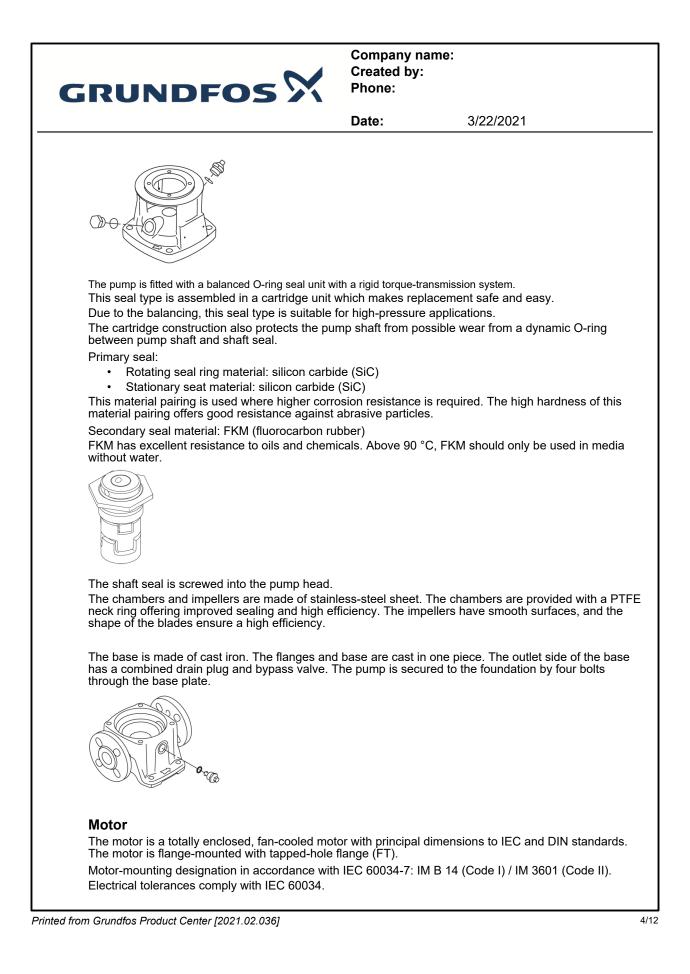


Materials:

Base:Cast ironBase:EN 1561Base:ASTM A4Impeller:StainlessImpeller:AISI 304Impeller:EN 1.430Material code:ACode for rubber:V

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





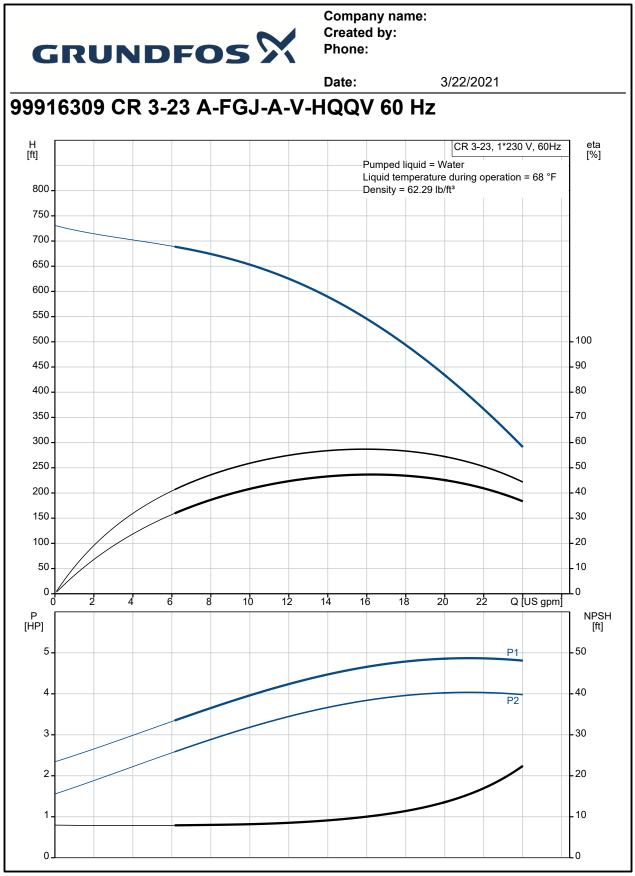
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			Date:	3/22/2021			
ount	Description						
	The motor has built-in thermal protection (PTO current and temperature sensors) in accordance with IEC 60034-11 and requires no further motor protection. The protection reacts to both slow- and quick-rising 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:	-4 194 °F					
	Selected liquid temperature:	68 °F					
	Density:	62.29 lb/ft ³					
	Technical:						
	Rated pump speed:	3468 rpm					
	Rated flow:	15.4 US gpm					
	Rated head:	544 ft					
	Pump orientation:	Vertical					
	Shaft seal arrangement:	Single					
	Code for shaft seal:	HQQV					
	Approvals on nameplate:	CURUS					
	Curve tolerance:	ISO9906:2012	2 3B				
	Materials:						
	Base:	Cast iron					
		EN 1561 EN-					
		ASTM A48-25	5B				
	Impeller:	Stainless stee	el de la companya de				
		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	ure: 363 psi / 363 psi /					
	Type of connection:	DIN / ANSI / J	IIS				
	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:	182TC					
	Electrical data:						
	Motor standard:	NEMA					
	Motor type:	WEG					
	Rated power - P2:	5 HP					

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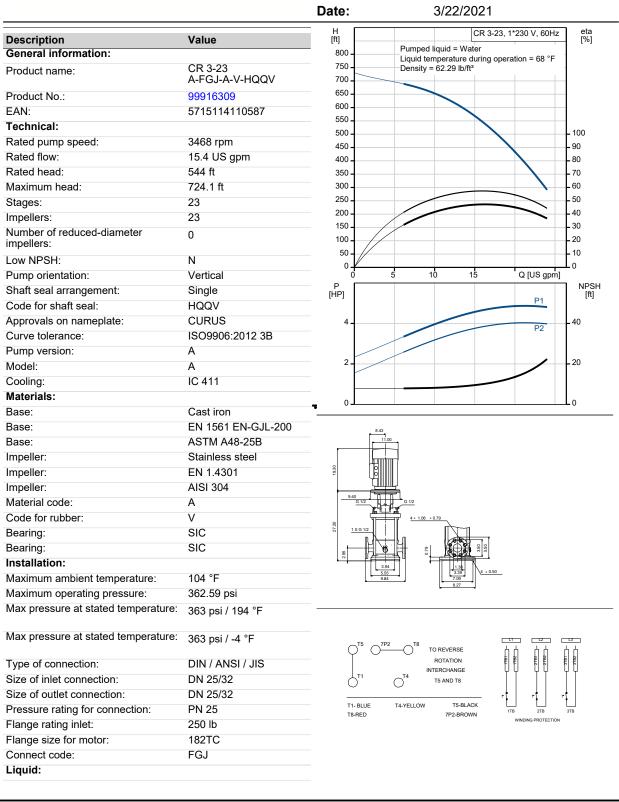
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			Date:	3/22/2021	
Count	Description				
	Power (P2) required by pump:	5 HP			
	Main frequency:	60 Hz			
	Rated voltage:	1 x 208-230 V			
	Service factor:	1.15			
	Rated current:	31.7-19.5 A			
	Starting current:	800-800 %			
	Cos phi - power factor:	0.98			
	Rated speed:	3515 rpm			
	IE efficiency:	84.0%			
	Motor efficiency at full load:	84.0 %			
	Motor efficiency at 3/4 load:	82.0 %			
	Motor efficiency at 1/2 load:	76.4 %			
	Number of poles:	2			
	Enclosure class (IEC 34-5):	IP55			
	Insulation class (IEC 85):	F			
	Motor Number:	99883304			
	Controls:				
	Frequency converter:	NONE			
	Others:				
	Net weight:	197 lb			
	Gross weight:	215 lb			
	Shipping volume:	17.2 ft³			
	Country of origin:	US			
	Custom tariff no.:	8413.70.2040			





Company name: Created by: Phone:

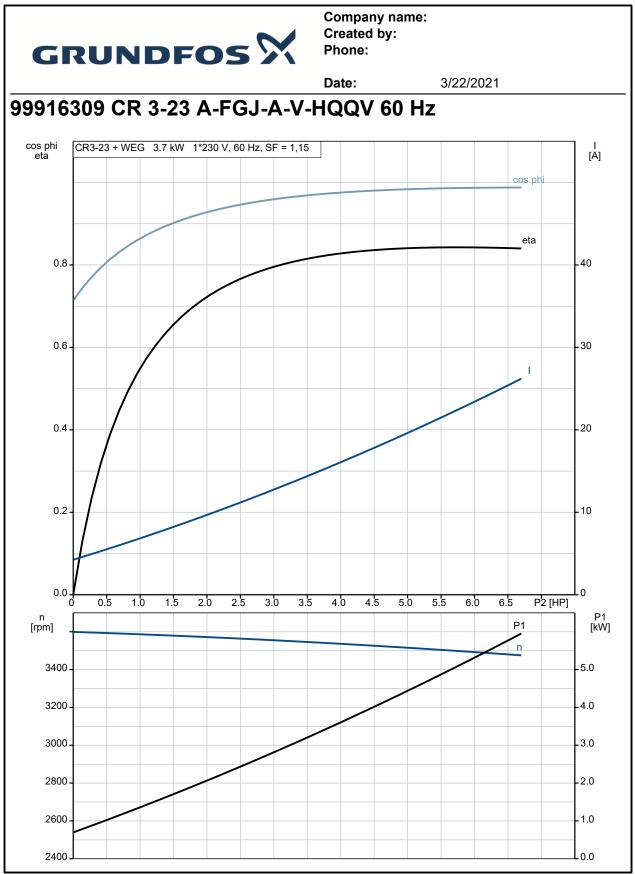


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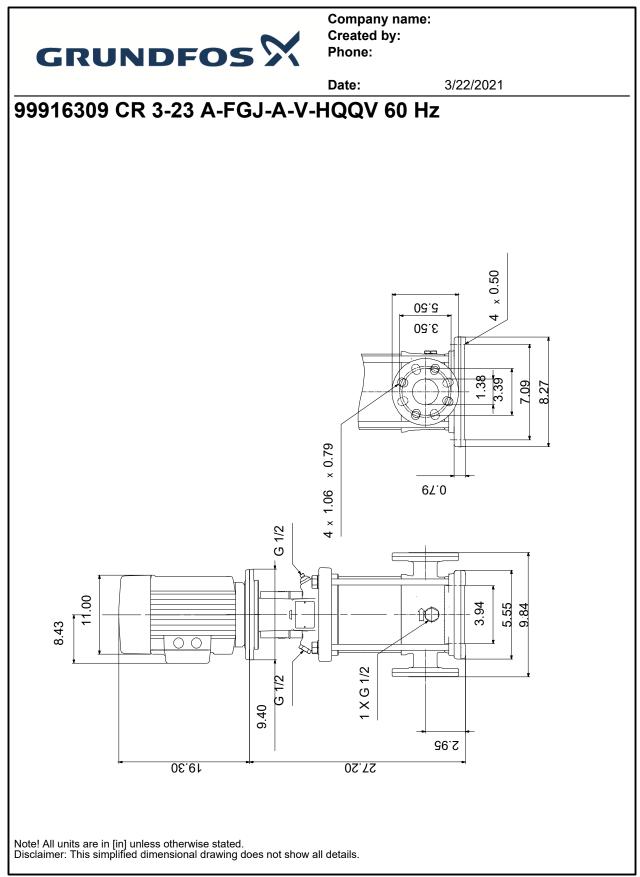


Company name: Created by: Phone:

		Date:	3/22/2021
Description	Value		
Pumped liquid:	Water		
Liquid temperature range:	-4 194 °F		
Selected liquid temperature:	68 °F		
Density:	62.29 lb/ft ³		
Electrical data:			
Motor standard:	NEMA		
Motor type:	WEG		
Rated power - P2:	5 HP		
Power (P2) required by pump:	5 HP		
Main frequency:	60 Hz		
Rated voltage:	1 x 208-230 V		
Service factor:	1.15		
Rated current:	31.7-19.5 A		
Starting current:	800-800 %		
Load current:	31.7/22.4 A		
Cos phi - power factor:	0.98		
Rated speed:	3515 rpm		
IE efficiency:	84.0%		
Motor efficiency at full load:	84.0 %		
Motor efficiency at 3/4 load:	82.0 %		
Motor efficiency at 1/2 load:	76.4 %		
Number of poles:	2		
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Motor Number:	99883304		
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