

Submittal Data

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

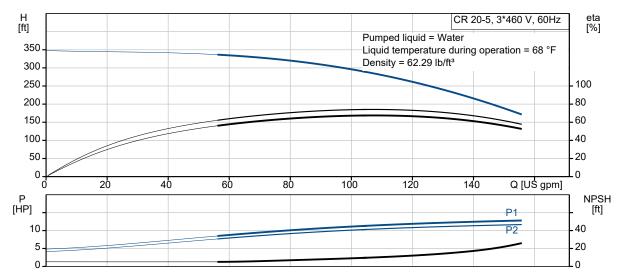


Product photo could vary from the actual product

CR 20-5 A-B-A-V-HQQV

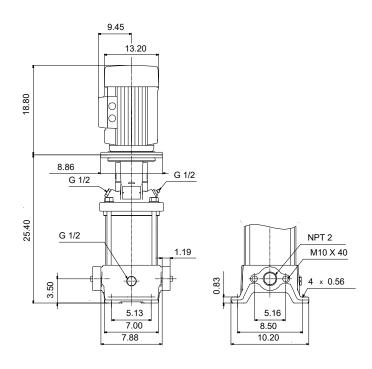
Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron. All other wetted parts are in stainless steel (EN 1.4301)(AISI 304)

Conditions	s of Service	Pump Data		Motor	Data
Efficiency:		Max pressure at stated temperature:	145 psi / 194 °F	Rated power - P2:	15 HP
Liquid:	Water	Liquid temperature range:	-4 194 °F	Rated voltage:	208-230/460 V
Temperature:	68 °F	Maximum ambient temperature:	104 °F	Main frequency:	60 Hz
NPSH required:	ft	Shaft seal:	HQQV	Enclosure class:	IP55
Specific Gravity:	1.000	Product number:	99917743	Insulation class:	F
				Motor protection:	NONE
				Motor type:	WEG
				Eff. 1/1:	91 %



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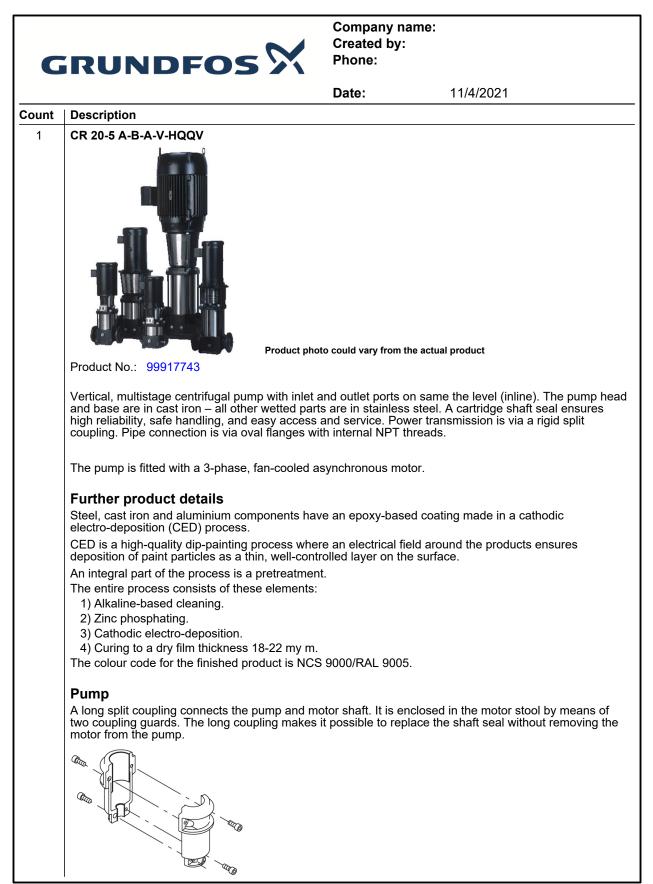




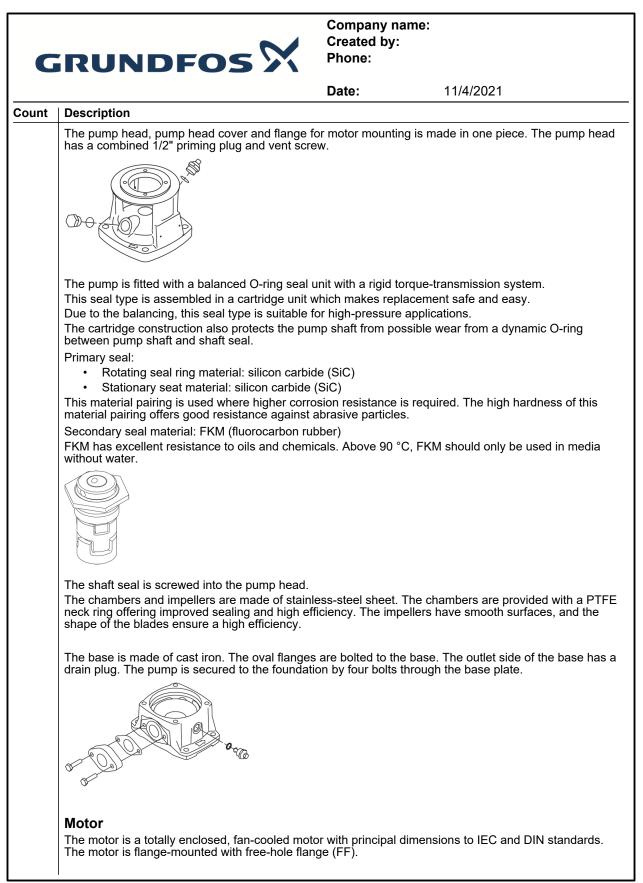
Materials:

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: V

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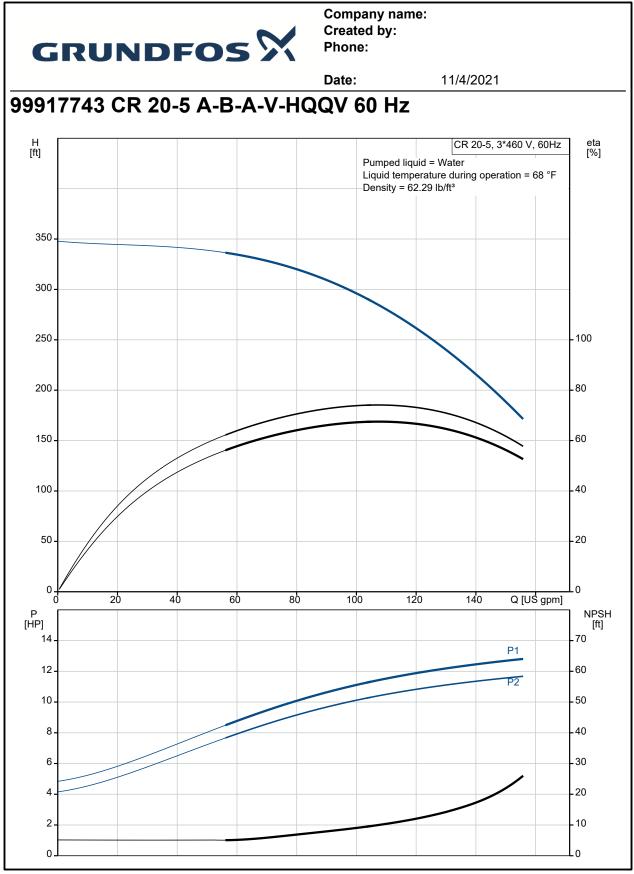


Company name: Created by: Phone:

Date:	11/4/2021
th IEC 60034-7 · IM	I B 5 (Code I) / IM 3001

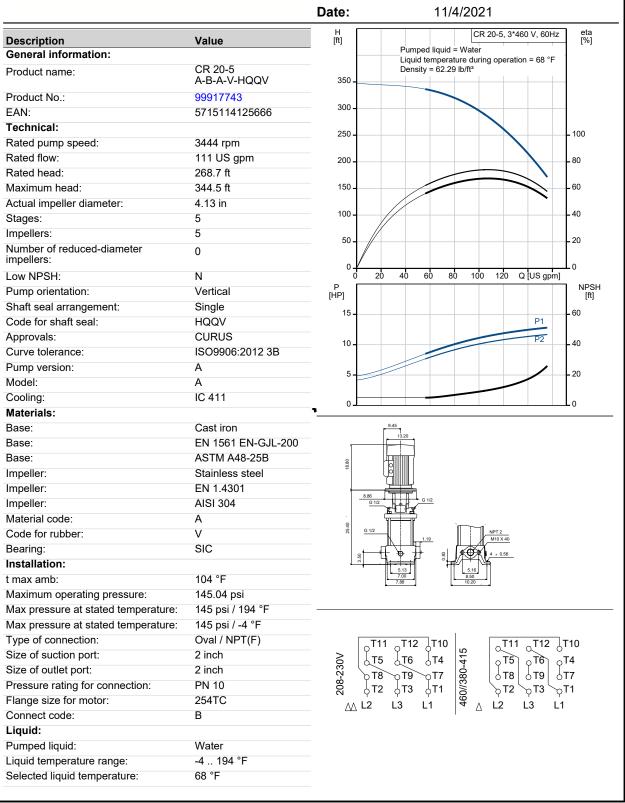
Count	Description	
	Electrical tolerances comply with	
	The motor does not incorporate	as premium efficiency in accordance with EISA2007. motor protection and must be connected to a motor-protective circuit reset. The motor-protective circuit breaker must be set according to the
	The motor can be connected to point. Grundfos CUE offers a ra Product Center.	a variable speed drive for adjustment of pump performance to any duty nge of variable speed drives. Please find more information in Grundfos
	Technical data	
	Liquid: Liquid temperature range: Selected liquid temperature:	-4 194 °F 68 °F
	Technical:	
	Materials:	
	Installation: t max amb: Maximum operating pressure: Max pressure at stated tempera	104 °F 145.04 psi ture: 145 psi / 194 °F 145 psi / -4 °F
	Electrical data: Power (P2) required by pump: Starting current:	15 HP 680-680 %
	Controls: Frequency converter:	NONE
	Others: Country of origin: Custom tariff no.:	US 8413.70.2040

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Company name: Created by: Phone:

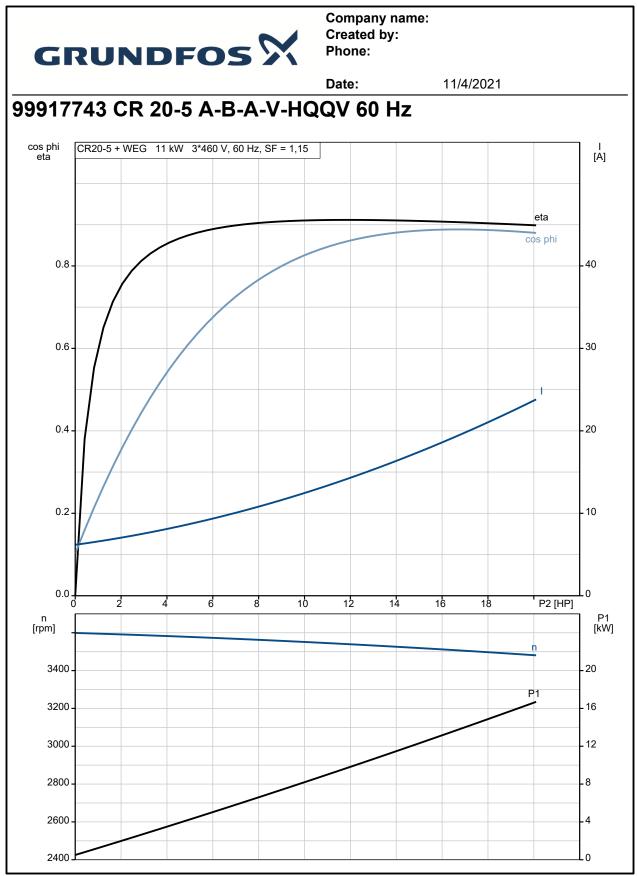


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Company name: Created by: Phone:

		Date:	11/4/2021
Description	Value		
Density:	62.29 lb/ft ³	_	
Electrical data:			
Motor standard:	NEMA		
Motor type:	WEG		
IE Efficiency class:	IE3 / NEMA Premium		
Rated power - P2:	15 HP		
Power (P2) required by pump:	15 HP		
Main frequency:	60 Hz		
Rated voltage:	3 x 208-230/460 V		
Service factor:	1.15		
Rated current:	38,5-34,8/17,4 A		
Starting current:	680-680 %		
Full load SF current:	40/20 A		
Cos phi - power factor:	0.87		
Rated speed:	3525 rpm		
IE efficiency:	IE3 91%		
Motor efficiency at full load:	91 %		
Motor efficiency at 3/4 load:	91 %		
Motor efficiency at 1/2 load:	89.5 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Built-in motor protection:	NONE		
Motor Number:	99883247		
Controls:			
Frequency converter:	NONE		
Others:			
DOE Pump Energy Index CL:	0.91		
Net weight:	295 lb		
Gross weight:	381 lb		
Shipping volume:	13.1 ft ³		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		



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