

Submittal Data

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

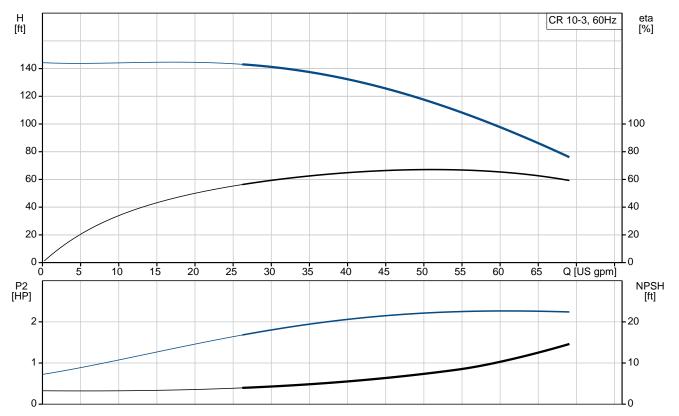


CR 10-3 A-GJ-A-E-HQQE

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)

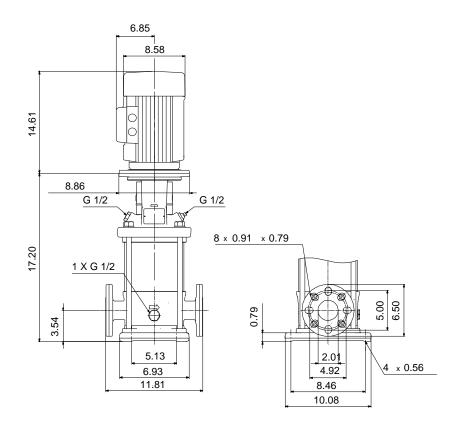
Product photo could vary from the actual product

Conditions of Service		Pump Data	Pump Data		
Flow:		Max pressure at stated temperature:	232 psi / 250 °F	Rated power - P2:	3 HP
Head:		Liquid temperature range:	-4 248 °F	Rated voltage:	115/208-230 V
Efficiency:		Maximum ambient temperature:	104 °F	Main frequency:	60 Hz
Liquid:	Water	Approvals:	CURUS	Insulation class:	F
Temperature:	68 °F	Shaft seal:	HQQE	Motor protection:	NONE
NPSH required:	ft	Product number:	96522828	Motor type:	Baldor
Viscosity:					
Specific Gravity:	1.000	-			



Submittal Data





Materials:

Impeller:

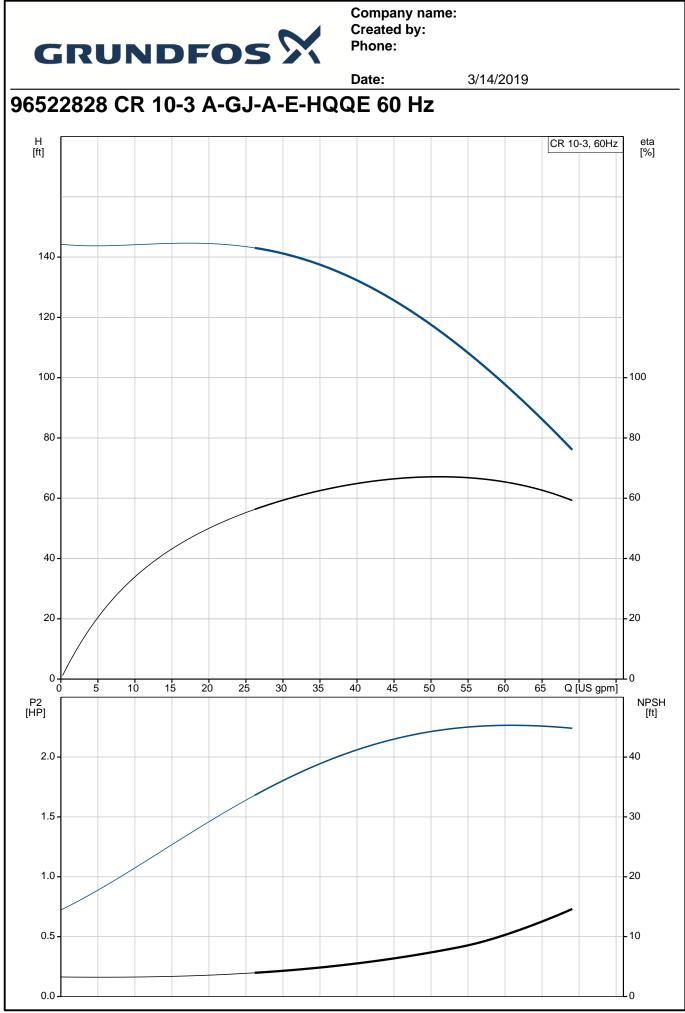
Base:

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

	RUNDFO	s X	Company name: Created by: Phone:	
			Date:	3/14/2019
Count	Description			
1	CR 10-3 A-GJ-A-E-HQQE			
	Product No.: 96522828 Vertical, non-self-priming, multis centrifugal pump for installation is and mounting on a foundation.			
	The pump has the following chan - Impellers and intermediat - The shaft seal has assem according to EN 12756. - Power transmission is via	e chambers are ma ibly length	de of	
	coupling.			
	The motor is a 1-phase AC moto	or.		
	Controls: Frequency converter:	NONE		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range: Liquid temperature during opera Density:			
	Technical:			
	Rated pump speed:	3457 rpm		
	Rated flow:	53.3 US gpm		
	Rated head:	111.6 ft		
	Pump orientation:	Vertical		
	Shaft seal arrangement:	Single		
	Code for shaft seal:	HQQE CURUS		
	Approvals on nameplate: Curve tolerance:	ISO9906:2012 3B		
	Materials:			
	Base:	Cast iron EN 1561 EN-GJL-2 ASTM A48-25B	200	
	Impeller:	Stainless steel EN 1.4301 AISI 304		
	Bearing:	SIC		
	Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temperat	232 psi :ure: 232 psi / 250		
	Type of connection:	232 psi / -4 ° ANSI / JIS	F	



DescriptionSize of inlet connection:DN 50Size of suction port:2 inchSize of outlet port:2 inchPressure rating for pipe connection:DN 50Flange rating inlet:300 lbFlange rating inlet:300 lbFlange rating inlet:300 lbRated power - P2:3 HPPower (P2) required by pump:3 HPRated voltage:1 x 115/208-230 VService factor:1.15Rated speed:2Insulation class (IEC 68):FOtters:2Number of poles:2Country of origin:USCountry of origin:USCustom tariff no.:8413.70.2040	
Size of suction port:2 inchSize of outlet connection:DN 50Size of outlet port:2 inchPressure rating for pipe connection:PN 25Flange rating inlet:300 lbFlange size for motor:182TCElectrical data:Motor standard:NEMAMotor type:BaldorRated power - P2:3 HPPower (P2) required by pump:3 HPPower (P2) required by pump:3 HPMain frequency:60 HzRated voltage:1 x 115/208-230 VService factor:1.15Rated speed:3450 rpmNumber of poles:2Insulation class (IEC 85):FOthers:Net weight:159 lbGross weight:176 lbShipping volume:8.26 ft³Country of origin:US	
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Number of poles:2Insulation class (IEC 85):FOthers:59 lbOross weight:159 lbGross weight:176 lbShipping volume:8.26 ft³Country of origin:US	
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Country of origin: US Custom tariff no.: 8413.70.2040	
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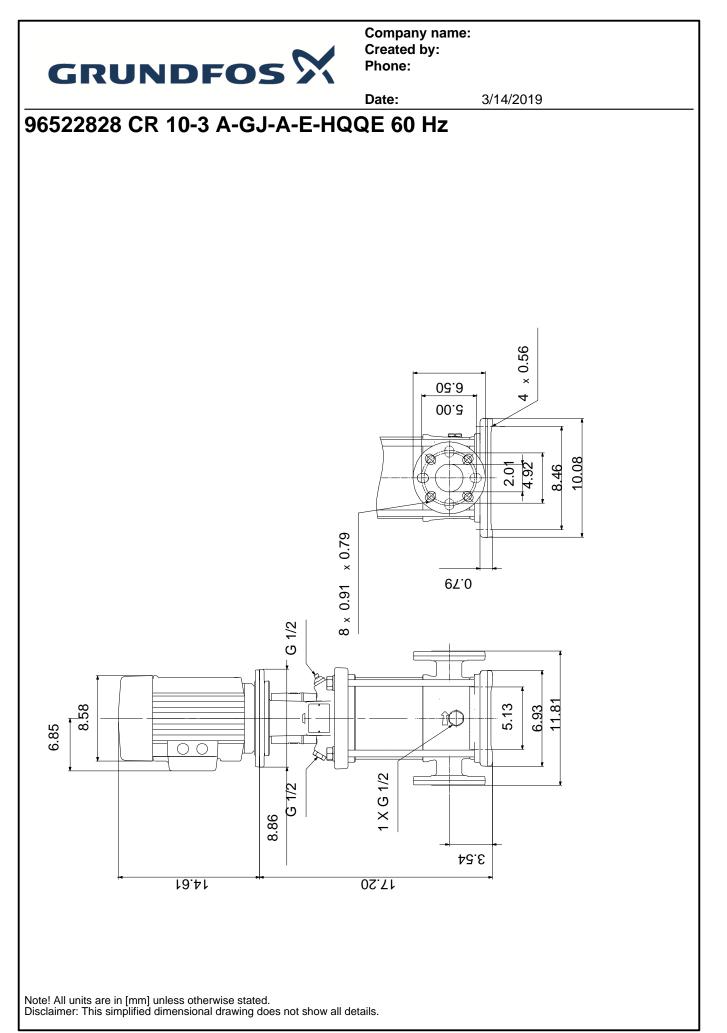


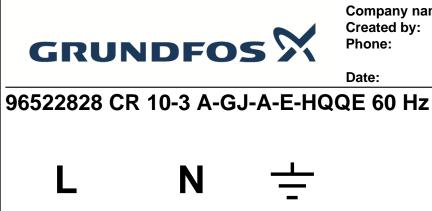
		Date:		3/14/	2019			
Description General information:	Value	H [ft]				CR 10-3	, 60Hz	eta [%]
Product name:	CR 10-3 A-GJ-A-E-HQQE	_						
Product No.:	96522828	140 -						
EAN:	5700396894621							
Technical:	010000001021	120 -						
Rated pump speed:	3457 rpm							
Rated flow:	53.3 US gpm	100 -						100
Rated head:	111.6 ft							
Head max:	144.4 ft	80 -						80
Stages:	3							
Impellers:	3	60 -						60
	•							
Number of reduced-diameter impellers	0	40 -	/					40
Low NPSH:	Ν							
Pump orientation:	Vertical	20 -						20
Shaft seal arrangement:	Single	L	/					
Code for shaft seal:	HQQE	0¥						0
Approvals on nameplate:	CURUS	0 102 F	10	20 30	40 5	50 Q [U	S gpm]	NPSI
Curve tolerance:	ISO9906:2012 3B	P2 [HP]			_		_	NPSF [ft]
Pump version:	A	2.0 -		_				40
Model:	A							
Cooling:	TEFC	1.5 -						30
Materials:								
Base:	Cast iron	1.0 -						20
	EN 1561 EN-GJL-200							
	ASTM A48-25B	0.5 -					-	10
Impeller:	Stainless steel							
	EN 1.4301	0.0						0
	AISI 304	٦						
Material code:	A		6.85					
Code for rubber:	E	-						
Bearing:	SIC							
Installation:		14.61						
Maximum ambient temperature:	104 °F		Ţ	Ш.,				
Maximum operating pressure:	232 psi	_	8.86					
Max pressure at stated temperature:	232 psi / 250 °F		G 1/2	G 1/2				
	232 psi / -4 °F	17.20	HT.	<u>8 × 0.91</u>	× 0.79			
Type of connection:	ANSI / JIS	17.	<u>1 X G 1/2</u> M					
Size of inlet connection:	DN 50	_	HHV			6.50		
Size of suction port:	2 inch	3.54		⊨₽¶ "				
Size of outlet connection:	DN 50		6.		2.01	4 × 0.56		
Size of outlet port:	2 inch		11	81	8.46 10.08	_ <u> </u>		
Pressure rating for pipe connection:	PN 25							
Flange rating inlet:	300 lb							
Flange size for motor:	182TC	LI	N ±					
Connect code:	GJ	Н						
Liquid:		Ψ	i					
Pumped liquid:	Water							
Liquid temperature range:	-4 248 °F							
Liquid temperature during operation:	68 °F							
Density:	62.29 lb/ft ³		i					
Electrical data:								
Motor standard:	NEMA							
Motor type:	Baldor	l						
Rated power - P2:	3 HP		/ /					
Power (P2) required by pump:	3 HP	M	\checkmark					
Main frequency:	60 Hz	(1~)					
Rated voltage:	1 x 115/208-230 V	\sim	/					

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		Date:	3/14/2019
Description	Value		
Service factor:	1.15		
Rated current:	29/16-14,5 A		
Load current:	31,8/18-16,9 A		
Rated speed:	3450 rpm		
Number of poles:	2		
Insulation class (IEC 85):	F		
Motor protection:	NONE		
Motor Number:	84Z04014		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	159 lb		
Gross weight:	176 lb		
Shipping volume:	8.26 ft ³		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		





3/14/2019

All units are [mm] unless otherwise presented.