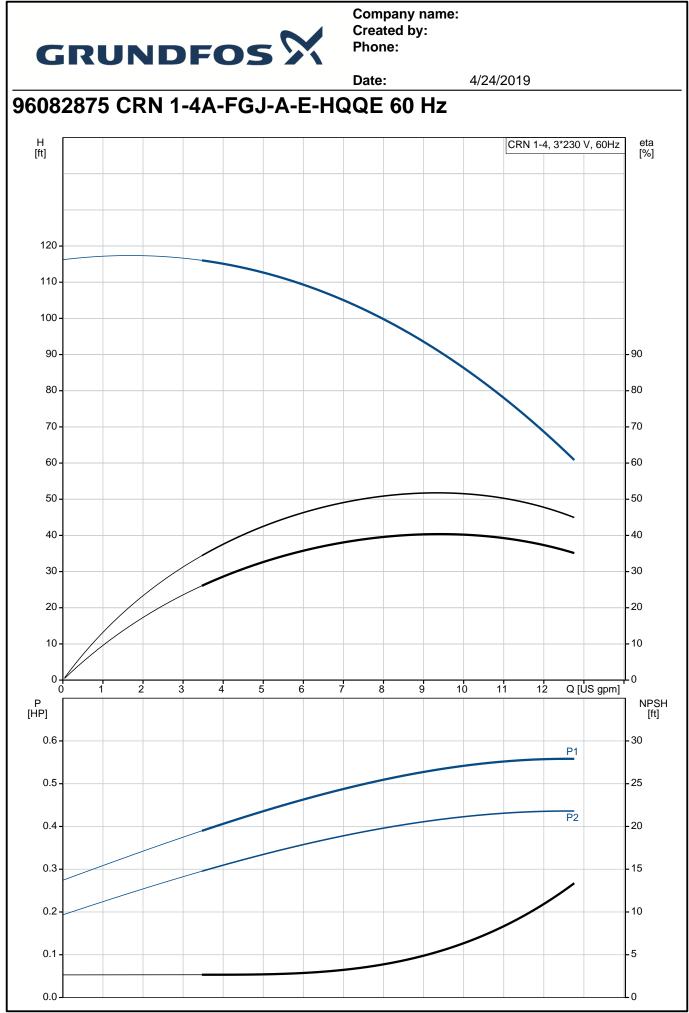
	GRUNDFO	s X	Company name: Created by: Phone:	
			Date:	4/24/2019
Count	Description			
1	CRN 1-4A-FGJ-A-E-HQQE			
	Product No.: 96082875 Vertical, non-self-priming, multis centrifugal pump for installation and mounting on a foundation.			
	The pump has the following chan - Impellers, intermediate chan sleeve are made of - Pump head cover and ban - The shaft seal has assem	nambers and outer se are made of		
	according to EN 12756. - Power transmission is via coupling. flanges/couplings.			
	The motor is a 3-phase AC moto	or.		
	Controls:			
	Frequency converter:	NONE		
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water -4 248 °F 68 °F 62.29 lb/ft ³		
	Technical:	0.405		
	Rated pump speed: Rated flow: Rated head: Pump orientation:	3485 rpm 9.69 US gpm 89.24 ft Vertical		
	Shaft seal arrangement: Code for shaft seal:	Single HQQE		
	Approvals on nameplate: Curve tolerance:	CURUS,NSF61 ISO9906:2012 3B		
	Materials:			
	Base:	Stainless steel EN 1.4408 AISI 316		
	Impeller:	Stainless steel EN 1.4401 AISI 316		
	Bearing:	SIC		
	Installation: Maximum ambient temperature: Maximum operating pressure:	104 °F 362.59 psi		
		502.00 poi		



Max pressure at stated temperature: 363 psi / 250 °F 363 psi / -4 °F Type of connection: DN 25/32 Size of inlet connection: DN 25/32 Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating for pipe connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: 56C Electrical data: Motor standard: NEMA Motor type: 71AB Rated power - P2: 0.5 HP Power (P2) required by pump: 0.5 HP Main frequency: 60 Hz Rated voltage: 3 x 208-330YY/460Y V Service factor: 1.25 Rated current: 1,64-1,55/0,78 A Starting current: 590-650 % Cos phi - power factor: 0.84-0.78 Rated speed: 3430-3460 rpm Motor efficiency at full load: 78.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor Number: 85900701 Others: Net weight: 51.8 lb Gross weight: 62.8 lb Shipping volume: 4.94 ft ³ Country of origin: US	Max pressure at stated temperature: $363 \text{ psi} / 250 ^\circ\text{F}$ $363 \text{ psi} / 4 ^\circ\text{F}$ Type of connection:DIN / ANSI / JISSize of suction port:DIN 25/32Size of suction port:1 1/4 inchSize of outlet connection:DN 25/32Size of outlet port:1 1/4 inchPressure rating for pipe connection:PN 25Flange rating inlet:300 lbFlange rating inlet:300 lbFlange size for motor:56CElectrical data:Motor standard:Motor standard:NEMAMotor type:71ABRated power - P2:0.5 HPPower (P2) required by pump:0.5 HPMain frequency:60 HzRated voltage:3 x 208-230YY/460Y VService factor:1.25Rated current:1,64-1,55/0,78 AStarting current:590-650 %Cos phi - power factor:0.84-0.78Rated speed:3430-3460 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 45):FMotor Number:85900701Others:1.8 lbNet weight:51.8 lbShipping volume:4.94 ft³Country of origin:US	escription		Date:	4/24/2019
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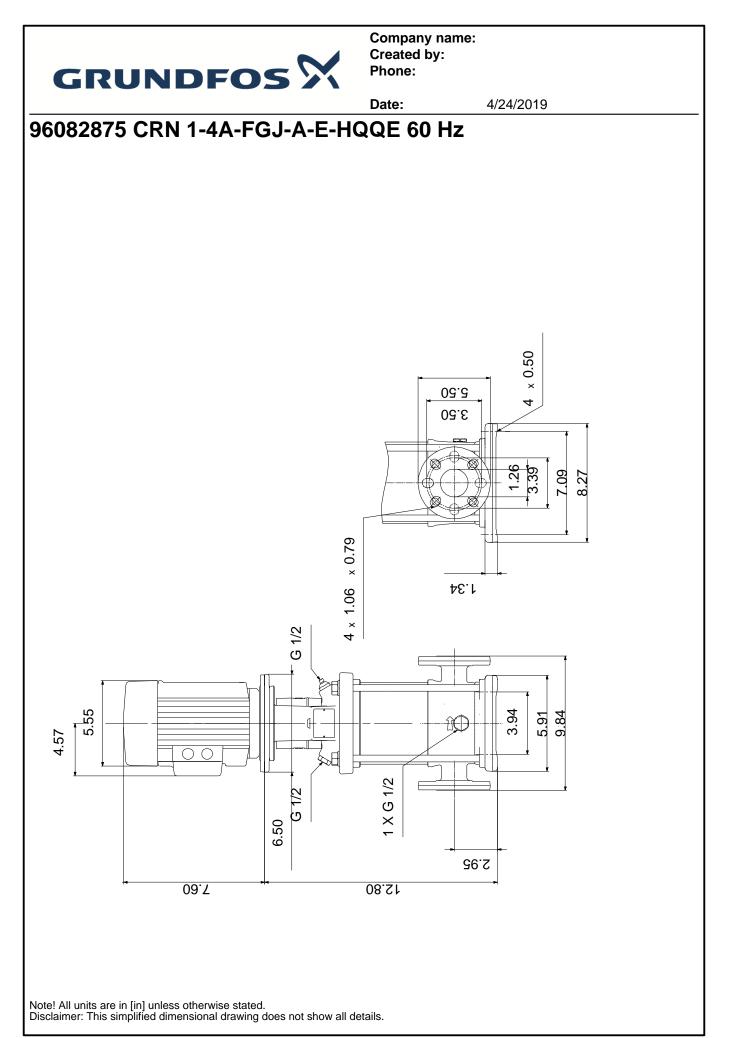


		Date:	7/2	24/201	0			
Description	Value	H [ft]			CRN 1-	4, 3*230 \	V, 60Hz	
General information:								1
Product name:	CRN 1-4A-FGJ-A-E-HQQE	120 -						
Product No.:	96082875							
EAN:	5700395176131	110 -						
Technical:		100 -						
Rated pump speed:	3485 rpm	90 -						-9
Rated flow:	9.69 US gpm	80 -						18
Rated head:	89.24 ft							
Head max:	117.8 ft	70 -						†7
Stages:	4	60 -						-6
-	4	50 -						5
Impellers:	- -							
Number of reduced-diameter impellers	0	40 -					`	+4
Low NPSH:	Ν	30 -		-				-3
		20 -						1 2
Pump orientation:	Vertical		/					
Shaft seal arrangement: Code for shaft seal:	Single	10-						† 10
		0 /	2 4	6	8 1		IS gpm]	+0
Approvals on nameplate:	CURUS,NSF61	P	2 4	0	0 1		is gpinj	٦
Curve tolerance:	ISO9906:2012 3B	P [HP]						L
Pump version:	A						P1	
Model:	A	0.5 -						2
Cooling:	TEFC	0.4 -					P2	20
Materials:								
Base:	Stainless steel	0.3					1	- 15
	EN 1.4408	0.2					/	- 10
	AISI 316	0.1						-5
Impeller:	Stainless steel	0.1 -		_				L ₂
	EN 1.4401	0.0						L ₀
	AISI 316	•						
Material code:	A		4.57					
Code for rubber:	E	1						
Bearing:	SIC							
Installation:		7.60						
Maximum ambient temperature:	104 °F							
Maximum operating pressure:	362.59 psi	<u>6.50</u> G	1/2 G 1/2					
Max pressure at stated temperature:	363 psi / 250 °F	_	X D X					
	363 psi / -4 °F	08 71 1 X		1.06 × 0.79	7			
Type of connection:	DIN / ANSI / JIS	÷ <u>1X</u>	<u>G 1/2</u>					
Size of inlet connection:	DN 25/32	<u>ه</u>		.34	(60)	22.20		
Size of suction port:	1 1/4 inch	2.95	╨╬╤╤╬╢	- Ħ		<u> </u>		
Size of outlet connection:	DN 25/32		<u>3.94</u> <u>5.91</u>		1.26 3.39	4 × 0.50		
Size of outlet port:	1 1/4 inch		9.84		7.09 8.27			
Pressure rating for pipe connection:	PN 25							
Flange rating inlet:	300 lb							
Flange size for motor:	56C							
Connect code:	FGJ	[A WARNING					
Liquid:		MOTOR MUS	BE GROUNDED IN ACCORDAN	CE				
Pumped liquid:	Water	LOCAL CODE	TIONAL ELECTRICAL CODE ANE S BY TRAINED PERSONNEL TO					
Liquid temperature range:	-4 248 °F	TO SERVICE	RIOUS ELECTRICAL SHOCKS.					
Selected liquid temperature:	68 °F	SOURCE FRO DEVICES AND	M MOTOR AND ANY ACCESSOR ALLOW MOTOR TO COME TO A	Ŷ				
Density:	62.29 lb/ft ³	COMPLETE S	TAGE HIGH VOL	TAGE				
Electrical data:		60Hz. 208		V V 40				
Motor standard:	NEMA	98 9e	7	<u> </u>				
	71AB	3∳ 2∳	1♥ 8♥ 3♥ 2♥	/■ 1● ञ				
Motor type:		L3 L2	L1 I I L3 L2	L1 98				
Rated power - P2:	0.5 HP		INTERCHANGE ANY TWO LINE WHEES TO BEVERSE BOTATION THERMOSTAT LEADS	=::				
Power (P2) required by pump:	0.5 HP	L	(WHEN PROVIDED)					
Main frequency:	60 Hz							
Rated voltage:	3 x 208-230YY/460Y V							

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DescriptionValueService factor:1.25Rated current:1,64-1,55/0,78 AStarting current:590-650 %Load current:2,0-1,9/0,95 ACos phi - power factor:0.84-0.78Rated speed:3430-3460 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor protection:NONEMotor Number:85900701Controls:FFrequency converter:NONEOthers:51.8 lbGross weight:51.8 lbGross weight:62.8 lbShipping volume:4.94 ft³Country of origin:USCustom tariff no.:8413.70.2040			Date:	4/24/2019
Rated current: 1,64-1,55/0,78 A Starting current: 590-650 % Load current: 2,0-1,9/0,95 A Cos phi - power factor: 0.84-0.78 Rated speed: 3430-3460 rpm Motor efficiency at full load: 78.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor protection: NONE Motor Number: 85900701 Controls: F Frequency converter: NONE Others: 51.8 lb Gross weight: 62.8 lb Shipping volume: 4.94 ft ³ Country of origin: US	Description	Value		
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Insulation class (IEC 85):FMotor protection:NONEMotor Number:85900701Controls:TFrequency converter:NONEOthers:TNet weight:51.8 lbGross weight:62.8 lbShipping volume:4.94 ft³Country of origin:US	Number of poles:	2		
Motor protection:NONEMotor Number:85900701Controls:Frequency converter:NONEOthers:Net weight:51.8 lbGross weight:62.8 lbShipping volume:4.94 ft³Country of origin:US	Enclosure class (IEC 34-5):	55 Dust/Jetting		
Motor Number:85900701Controls:Frequency converter:NONEOthers:Net weight:51.8 lbGross weight:62.8 lbShipping volume:4.94 ft³Country of origin:US	Insulation class (IEC 85):	F		
Controls:Frequency converter:NONEOthers:Net weight:51.8 lbGross weight:62.8 lbShipping volume:4.94 ft³Country of origin:US	Motor protection:	NONE		
Frequency converter:NONEOthers:Net weight:51.8 lbGross weight:62.8 lbShipping volume:4.94 ft³Country of origin:US	Motor Number:	85900701		
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Net weight:51.8 lbGross weight:62.8 lbShipping volume:4.94 ft ³ Country of origin:US	Frequency converter:	NONE		
Gross weight:62.8 lbShipping volume:4.94 ft³Country of origin:US	Others:			
Shipping volume:4.94 ft³Country of origin:US	Net weight:	51.8 lb		
Country of origin: US	Gross weight:	62.8 lb		
, ,	Shipping volume:	4.94 ft ³		
Custom tariff no.: 8413.70.2040	Country of origin:	US		
	Custom tariff no .:	8413.70.2040		





Date: 4/24/2019 96082875 CRN 1-4A-FGJ-A-E-HQQE 60 Hz WARNING \bigwedge MOTOR MUST BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES BY TRAINED PERSONNEL TO PREVENT SERIOUS ELECTRICAL SHOCKS. TO SERVICE MOTOR, DISCONNECT POWER SOURCE FROM MOTOR AND ANY ACCESSORY DEVICES AND ALLOW MOTOR TO COME TO A COMPLETE STAND STILL. HIGH VOLTAGE LOW VOLTAGE 60Hz: 460V 60Hz. 208-230V 50Hz: 400V 5 6 4 5⊜ 6⊜ 4⊜ 9 8⊜ 7⊜ 9 7⊜ 8 2 3⊜ 1⊜ 3⊜ 2⊜ 1⊜ 96553852 L1 L2 L3 L3 L2 L1 INTERCHANGE ANY TWO LINE WIRES TO REVERSE ROTATION THERMOSTAT LEADS 🖨 J 🖨 J (WHEN PROVIDED)

All units are [in] unless otherwise presented.