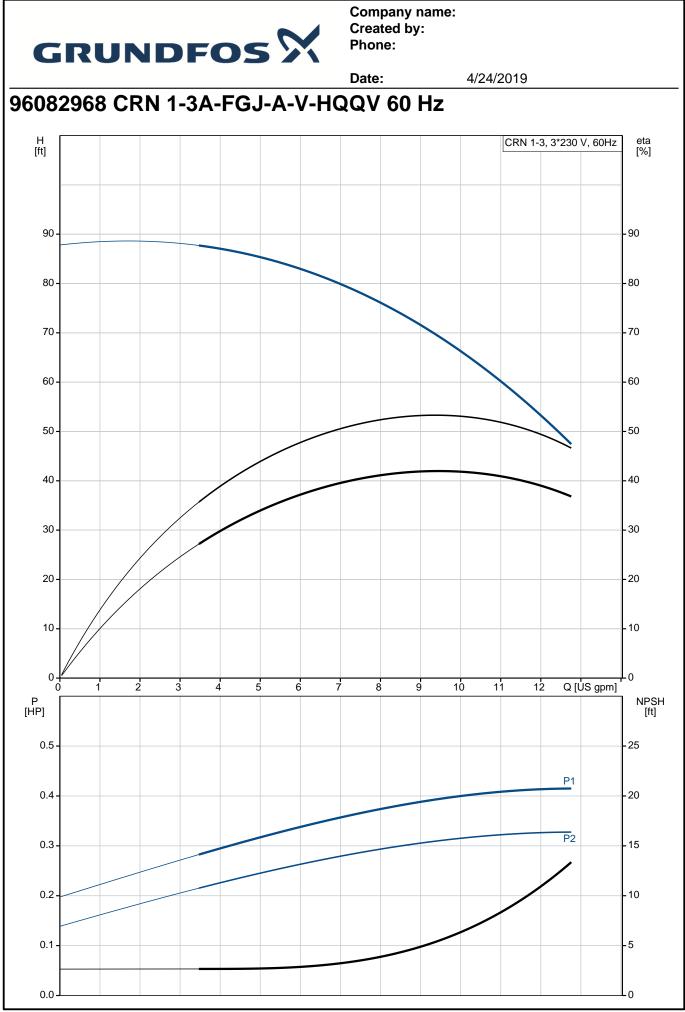
	GRUNDFO	s X	Company name: Created by: Phone:	
			Date:	4/24/2019
Count	Description			
1	CRN 1-3A-FGJ-A-V-HQQV			
	Product No.: 96082968 Vertical, non-self-priming, multis centrifugal pump for installation and mounting on a foundation.			
	The pump has the following chan - Impellers, intermediate chan 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 -4 194 °F 68 °F 62.29 lb/ft ³		
	Technical:	2405 rom		
	Rated pump speed: Rated flow: Rated head: Pump orientation:	3425 rpm 9.69 US gpm 67.92 ft Vertical		
	Shaft seal arrangement: Code for shaft seal:	Single HQQV		
	Approvals on nameplate: Curve tolerance:	CURUS 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		
		002.0 <i>3</i> µ91		



Max pressure at stated temperature: $363 \text{ psi} / 194 ^\circ\text{F}$ $363 \text{ psi} / -4 ^\circ\text{F}$ Type of connection:DIN / ANSI / JISSize of inlet connection:DN 25/32Size of suction port:1 1/4 inchSize of outlet port:1 1/4 inchPressure rating for pipe connection:PN 25Flange rating inlet:300 lbFlange size for motor:56CElectrical data:Motor standard:NEMAMotor standard:NEMAMotor type:71AARated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated outlage:3 x 208-230YY/460Y VService factor:1.35Rated current:1,12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700		Date:	4/24/2019
363 psi / -4 °F Type of connection: DIN / ANSI / JIS Size of inlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: 56C Electrical data: Motor standard: Motor standard: NEMA Motor type: 71AA Rated power - P2: 0.33 HP Main frequency: 60 Hz Rated voltage: 3 x 208-230YY/460Y V Service factor: 1.35 Rated current: 1,12-1,10/0,55 A Starting current: 630-700 % Cos phi - power factor: 0.81-0.75 Rated speed: 3450-3480 rpm Motor efficiency at full load: 78.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 45): F Motor Number: 85900700 Others: 50.9 lb Ship	Description		
Type of connection:DIN / ANŠI / JISSize of inlet connection:DN 25/32Size of suction port:1 1/4 inchSize of outlet port:1 1/4 inchPressure rating for pipe connection:PN 25Flange rating inlet:300 lbFlange size for motor:56CElectrical data:Motor standard:NEMAMotor standard:NEMARated power - P2:0.33 HPPower (P2) required by pump:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:3 x 208-230YY/460Y VService factor:1.35Rated voltage:3 4 50-3480 rpmMotor fficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:50.9 lbSingping volume:4.94 ft³Country of origin:US	Max pressure at stated tempera		
Size of inlet connection:DN 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 size for motor:56CElectrical data:Motor standard:NEMAMotor type:71AARated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:3 x 208-230YY/460Y VService factor:1.35Rated current:1,12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3 450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:50.9 lbStress weight:61.9 lbShipping volume:4.94 ft ³ Country of origin:US	Type of connection:		
Size of suction port: 1 1/4 inch Size of outlet connection: DN 25/32 Size of outlet port: 1 1/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: 56C Electrical data: Motor standard: NEMA Motor standard: NEMA Motor type: 71AA Rated power - P2: 0.33 HP Power (P2) required by pump: 0.33 HP Power (P2) required by pump: 0.33 HP Power (P2) required by pump: 0.33 HP Service factor: 1.35 Rated voltage: 3 x 208-230YY/460Y V Service factor: 1.35 Rated current: 1,12-1,10/0,55 A Starting current: 630-700 % Cos phi - power factor: 0.81-0.75 Rated speed: 3450-3480 rpm Motor efficiency at full load: 78.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 34-5): F Motor Number: 85900700 Others: Net weight: 50.9 lb Gross weight: 61.9 lb Shipping volume: 4.94 ft ³ Country of origin: US			
Size of outlet connection: DN 25/32 Size of outlet port: 11/4 inch Pressure rating for pipe connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: 56C Electrical data: Motor standard: NEMA Motor type: 71AA Rated power - P2: 0.33 HP Power (P2) required by pump: 0.33 HP Main frequency: 60 Hz Rated voltage: 3 x 208-230YY/460Y V Service factor: 1.35 Rated current: 1,12-1,10/0,55 A Starting current: 630-700 % Cos phi - power factor: 0.81-0.75 Rated speed: 3450-3480 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: 85900700 Others: Net weight: 50.9 lb Gross weight: 61.9 lb Shipping volume: 4.94 ft ³ Country of origin: US			
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Pressure rating for pipe connection:PN 25Flange rating inlet:300 lbFlange size for motor:56CElectrical data:Motor standard:NEMAMotor type:71AARated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:3 x 208-230YY/460Y VService factor:1.35Rated voltage:34 208-230YY/460Y VService factor:1.12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 35):FMotor Number:85900700Others:Net weight:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft³Country of origin:US			
Flange rating inlet:300 lbFlange size for motor:56CElectrical data:Motor standard:NEMAMotor type:71AARated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:3 x 208-230YY/460Y VService factor:1.35Rated current:1,12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:Net weight:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft³Country of origin:US			
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Motor type:71AARated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:3 x 208-230YY/460Y VService factor:1.35Rated current:1,12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:Net weight:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft ³ Country of origin:US	Electrical data:		
Rated power - P2:0.33 HPPower (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:3 x 208-230YY/460Y VService factor:1.35Rated current:1,12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:Net weight:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft ³ Country of origin:US	Motor standard:	NEMA	
Power (P2) required by pump:0.33 HPMain frequency:60 HzRated voltage:3 x 208-230YY/460Y VService factor:1.35Rated current:1,12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:Net weight:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft³Country of origin:US	Motor type:	71AA	
Main frequency: 60 Hz Rated voltage: 3 x 208-230YY/460Y V Service factor: 1.35 Rated current: 1,12-1,10/0,55 A Starting current: 630-700 % Cos phi - power factor: 0.81-0.75 Rated speed: 3450-3480 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: 85900700 Others: 50.9 lb Gross weight: 61.9 lb Shipping volume: 4.94 ft ³ Country of origin: US	Rated power - P2:	0.33 HP	
Rated voltage:3 x 208-230YY/460Y VService factor:1.35Rated current:1,12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:Net weight:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft³Country of origin:US	Power (P2) required by pump:	0.33 HP	
Service factor: 1.35 Rated current: 1,12-1,10/0,55 A Starting current: 630-700 % Cos phi - power factor: 0.81-0.75 Rated speed: 3450-3480 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: 85900700 Others: 50.9 lb Gross weight: 50.9 lb Shipping volume: 4.94 ft ³ Country of origin: US	Main frequency:		
Rated current:1,12-1,10/0,55 AStarting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft³Country of origin:US	Rated voltage:	3 x 208-230YY/460Y V	
Starting current:630-700 %Cos phi - power factor:0.81-0.75Rated speed:3450-3480 rpmMotor efficiency at full load:78.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor Number:85900700Others:Net weight:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft³Country of origin:US	Service factor:		
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Net weight:50.9 lbGross weight:61.9 lbShipping volume:4.94 ft³Country of origin:US	Motor Number.	00000100	
Gross weight:61.9 lbShipping volume:4.94 ft³Country of origin:US	Others:		
Shipping volume:4.94 ft³Country of origin:US			
Country of origin: US			
Custom tariff no.: 8413.70.2040			
	Custom tariff no.:	8413.70.2040	



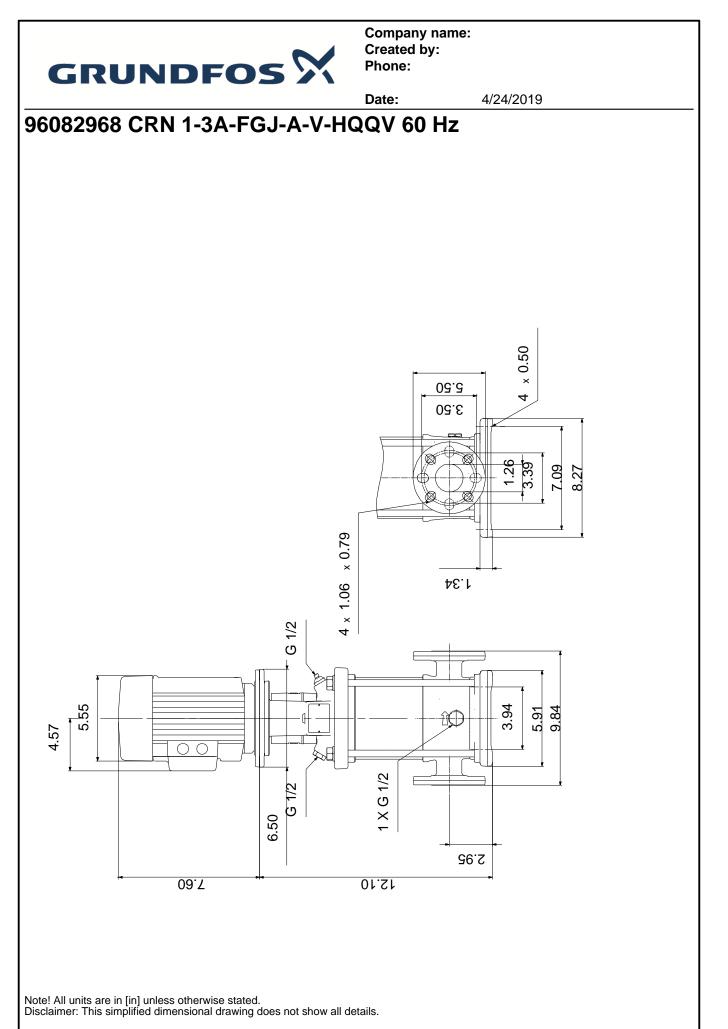


		Date:	4/24/2	019	
Description	Value	H [ft]		CRN 1-3, 3*2	30 V, 60Hz
General information:					
Product name:	CRN 1-3A-FGJ-A-V-HQQV	90 -			
Product No.:	96082968				
EAN:	5700395177060	80 -			
Technical:	0.0000111000	70 -			
Rated pump speed:	3425 rpm	/0-			
Rated flow:	9.69 US gpm	60 -			
Rated head:	67.92 ft				
		50 -			$ \rightarrow $
Head max:	89.57 ft				~
Stages:	3	40 -			
Impellers:	3				
Number of reduced-diameter impellers	0	30 -			
Low NPSH:	Ν	20-			
Pump orientation:	Vertical				
Shaft seal arrangement:	Single	10-			
Code for shaft seal:	HQQV				
Approvals on nameplate:	CURUS	0 1/ 2	2 4 6	8 10 0	Q [US gpm]
Curve tolerance:	ISO9906:2012 3B	P [HP]			
Pump version:	A	[HP] 0.5 -			
Model:	A	0.0			P1
		0.4 -			<u>r 1</u>
Cooling:	TEFC				
Materials:	Otabulana ()	0.3 -			P2
Base:	Stainless steel	0.2			
	EN 1.4408	0.2			
	AISI 316	0.1			
mpeller:	Stainless steel				
	EN 1.4401	0.0			
	AISI 316	P	157		
Material code:	А		4.57		
Code for rubber:	V	ſ	╫━┼─┤		
Bearing:	SIC				
nstallation:		7.60			
Maximum ambient temperature:	104 °F				
Maximum operating pressure:	362.59 psi	6.50			
Max pressure at stated temperature:	363 psi / 194 °F	<u>G 1/2</u>	G 1/2		
	363 psi / -4 °F	0 7 7 1 X G 1/	4 × 1.06 × 1	0.79	
Type of connection:	, DIN / ANSI / JIS	₩ <u>1 X G 1/</u>	2		
Size of inlet connection:	DN 25/32				
Size of suction port:	1 1/4 inch	2.95	₽ ₽ŦŦ \$¶ [™] ₽		
Size of outlet connection:	DN 25/32	'	<u>3.94</u> 5.91	1.26 3.39 4 × 0.5	<u>D</u>
Size of outlet port:	1 1/4 inch		9.84	7.09	
Pressure rating for pipe connection:	PN 25			•	
Flange rating inlet:	300 lb				
	56C				
Flange size for motor:					
Connect code:	FGJ		MARNING		
Liquid:	14/	WITH THE NATION	GROUNDED IN ACCORDANCE NAL ELECTRICAL CODE AND		
Pumped liquid:	Water	LOCAL CODES BY PREVENT SERIOU	' TRAINED PERSONNEL TO JS ELECTRICAL SHOCKS.		
Liquid temperature range:	-4 194 °F	SOURCE FROM M	OR, DISCONNECT POWER IOTOR AND ANY ACCESSORY		
Selected liquid temperature:	68 °F		OW MOTOR TO COME TO A		
Density:	62.29 lb/ft ³	LOW VOLTAG 60Hz. 208-230'	HIGH VOLTAGE		
Electrical data:		6 5	50HZ: 400V 4 6♥ 5♥ 4♥		
Motor standard:	NEMA		7 • 9● 8● 7●		
Motor type:	71AA	3∳ 2∳ L3 L2			
Rated power - P2:	0.33 HP	·	L3 L2 L1 §		
Power (P2) required by pump:	0.33 HP		MRES TO BEVERSE BOTATION THERMOSTAT LEADS J (MHEN PROVIDED) J		
Main frequency:	60 Hz				
Rated voltage:	3 x 208-230YY/460Y V				

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		Date:	4/24/2019
Description	Value		
Service factor:	1.35	-	
Rated current:	1,12-1,10/0,55 A		
Starting current:	630-700 %		
Load current:	1,5-1,45/0,75 A		
Cos phi - power factor:	0.81-0.75		
Rated speed:	3450-3480 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:	85900700		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	50.9 lb		
Gross weight:	61.9 lb		
Shipping volume:	4.94 ft ³		
Country of origin:	US		
Custom tariff no .:	8413.70.2040		





Date: 4/24/2019 96082968 CRN 1-3A-FGJ-A-V-HQQV 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.