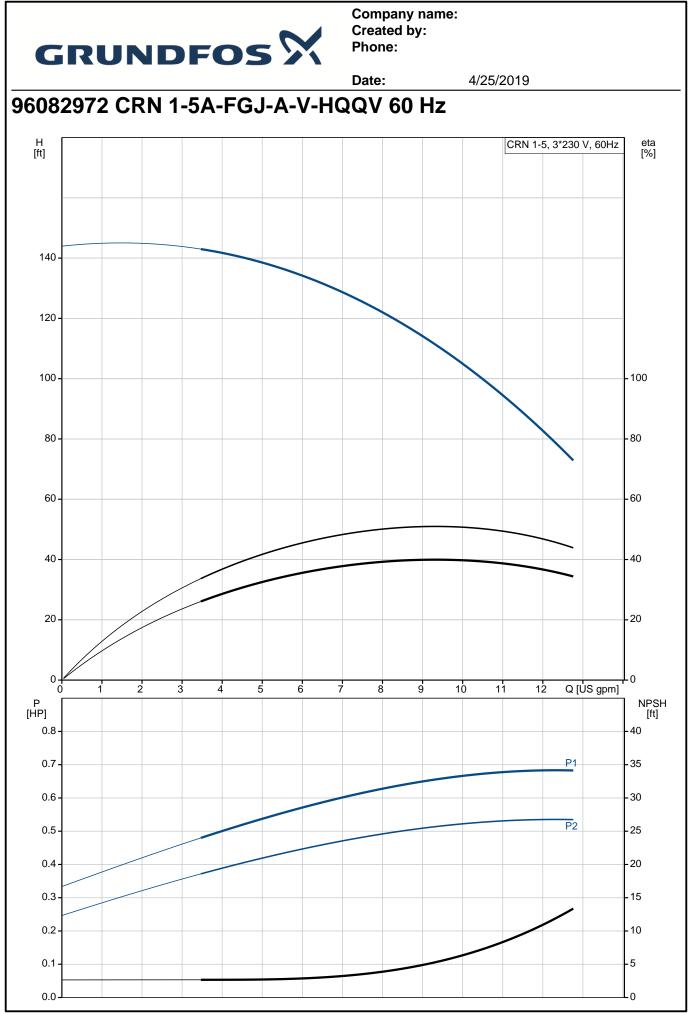
C	RUNDFO	5 %	Company name: Created by: Phone:	
			Date:	4/25/2019
Count	Description			
1	CRN 1-5A-FGJ-A-V-HQQV			
	Product No.: 96082972 Vertical, non-self-priming, multis centrifugal pump for installation i and mounting on a foundation.			
	The pump has the following char - Impellers, intermediate ch sleeve are made of - Pump head cover and ba - 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:			
	Rated pump speed: Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal:	3485 rpm 9.69 US gpm 106.3 ft Vertical 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		



Description	Da	4/25/2019	
•	turne 000 m ci / 404 %		
Max pressure at stated tempera	363 psi / 194 °F 363 psi / -4 °F		
Type of connection:	DIN / ANSI / JIS		
Size of inlet connection:	DN 25/32		
Size of suction port:	1 1/4 inch		
Size of outlet connection:			
Size of outlet port:	1 1/4 inch		
Pressure rating for pipe connect			
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: Main frequency:	60 Hz		
Rated voltage:	3 x 208-230YY/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		
Notor 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:	52.6 lb		
Gross weight:	63.6 lb		
Shipping volume:	4.94 ft ³		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		



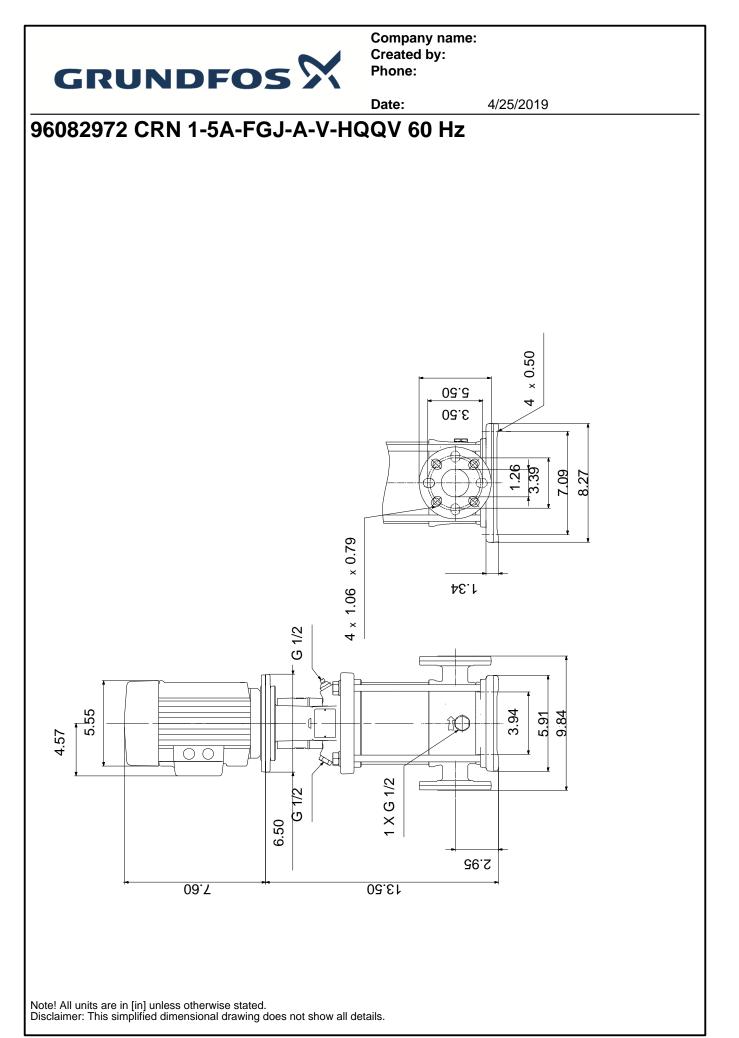


		μ [00000	0011 011	:
Description	Value	H [ft]			CRN 1-5, 3*2	230 V, 60Hz	-
General information:							
Product name:	CRN 1-5A-FGJ-A-V-HQQV						
Product No.:	96082972	140 -					-
EAN:	5700395177107						
EAN: Technical:	5700395177107	120 -					_
	0.405						
Rated pump speed:	3485 rpm	100 -					10
Rated flow:	9.69 US gpm	100					
Rated head:	106.3 ft						
Head max:	144.7 ft	80 -					80
Stages:	5						
Impellers:	5	60 -					- 60
Number of reduced-diameter impellers	: ₀	40 -					1
Low NPSH:	Ν	40 -					40
Pump orientation:	Vertical	20 -					20
Shaft seal arrangement:	Single	-~] //					T ²⁰
Code for shaft seal:	HQQV						
Approvals on nameplate:	CURUS	0	2 4 6	ł	3 10	Q [US gpm]	+0
Curve tolerance:	ISO9906:2012 3B	P [HP]			-	311	יר
Pump version:	A						+
•		0.7 -				P1	- 35
Model:	A	0.6 -					- 30
Cooling:	TEFC	0.5 -		-		P2	- 25
Materials:	0.11	0.4					20
Base:	Stainless steel						
	EN 1.4408	0.3				/	- 15
	AISI 316	0.2 -					-10
Impeller:	Stainless steel	0.1 -					- 5
	EN 1.4401	0.0					\Box_0
	AISI 316	3					
Material code:	A		4.57				
Code for rubber:	V	,	2.55				
Bearing:	SIC						
Installation:	-	7.60					
Maximum ambient temperature:	104 °F		۲ <u>ا</u>				
Maximum operating pressure:	362.59 psi	6.50					
Max pressure at stated temperature:	363 psi / 194 °F	<u>G 1</u>	/2 G 1/2				
man pressure at stated temperature.	363 psi / -4 °F			6 × 0.79			
Type of connection:		99 80 1 X G	1/2	h			
Type of connection:	DIN / ANSI / JIS			↓			
Size of inlet connection:	DN 25/32	2.95					
Size of suction port:	1 1/4 inch	~	3.94	+ f	1.26		
Size of outlet connection:	DN 25/32		<u>5.91</u> 9.84		3.39 7.09	0	
Size of outlet port:	1 1/4 inch				8.27		
Pressure rating for pipe connection:	PN 25						
Flange rating inlet:	300 lb						
Flange size for motor:	56C						
Connect code:	FGJ	[WARNING				
Liquid:		MOTOR MUST E	E GROUNDED IN ACCORDANCE				
Pumped liquid:	Water	LOCAL CODES	ONAL ELECTRICAL CODE AND BY TRAINED PERSONNEL TO DUS ELECTRICAL SHOCKS.				
Liquid temperature range:	-4 194 °F	TO SERVICE M	DTOR, DISCONNECT POWER				
Selected liquid temperature:	68 °F	SOURCE FROM DEVICES AND A	MOTOR AND ANY ACCESSORY ALLOW MOTOR TO COME TO A				
Density:	62.29 lb/ft ³	COMPLETE STA	HIGH VOLTAGE	-			
Electrical data:		60Hz. 208-2					
Motor standard:	NEMA	9 8	7				
Motor type:	71AB	3 2 4		22			
		L3 L2	L1 L3 L2 L1	96553			
Rated power - P2:	0.5 HP		INTERCHANGE ANY TWO LINE WIEFS TO REVERSE BOTATION THERMOSTAT LEADS	1			
Power (P2) required by pump:	0.5 HP	L	(WHEN PROVIDED)	•			
Main frequency:	60 Hz						
Rated voltage:	3 x 208-230YY/460Y V						

Printed from Grundfos Product Center [2019.02.002]



		Date:	4/25/2019
Description	Value		
Service factor:	1.25		
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:			
Frequency converter:	NONE		
Others:			
Net weight:	52.6 lb		
Gross weight:	63.6 lb		
Shipping volume:	4.94 ft ³		
Country of origin:	US		
Custom tariff no .:	8413.70.2040		





Date: 4/25/2019 96082972 CRN 1-5A-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)