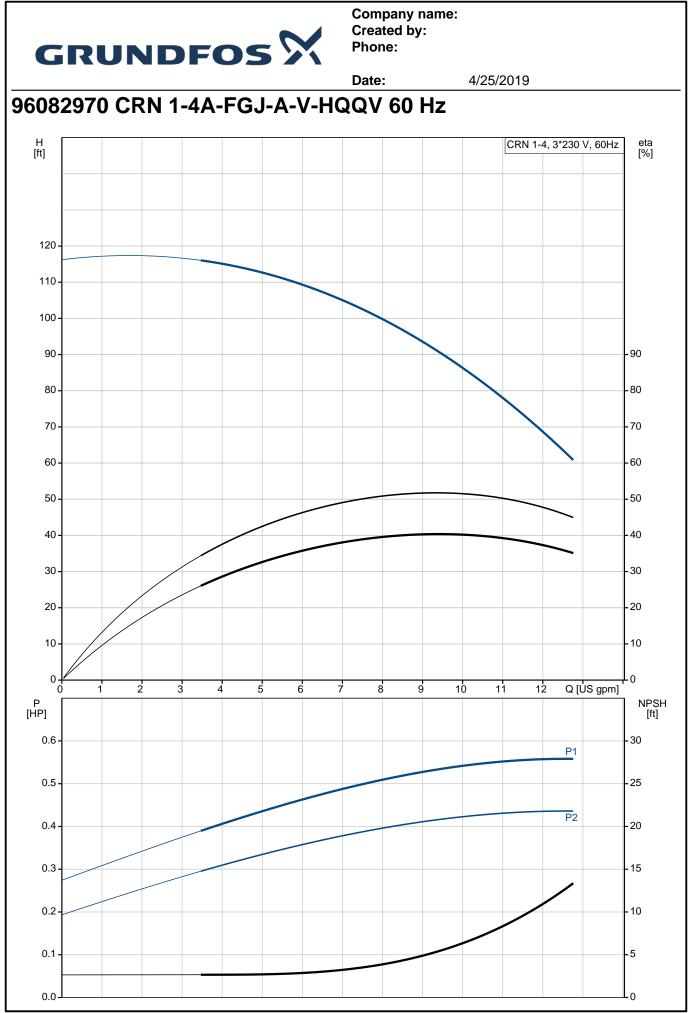
C	GRUNDFO	s X	Company name: Created by: Phone:		
			Date:	4/25/2019	
Count	Description				
1	CRN 1-4A-FGJ-A-V-HQQV				
	Product No.: 96082970 Vertical, non-self-priming, multis centrifugal pump for installation and mounting on a foundation.				
	The pump has the following chan - Impellers, intermediate chan sleeve are made of - Pump head cover and ban - The shaft seal has assem	nambers and outer se are made of			
	 The shart searnas assernada according to EN 12756. Power transmission is via coupling. flanges/couplings. 				
	The motor is a 3-phase AC motor.				
	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:	3485 rpm 9.69 US gpm 89.24 ft			
	Pump orientation: Shaft seal arrangement: Code for shaft seal:	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:	362.59 psi			



Description		te:	4/25/2019	
Description				
Max pressure at stated tempera	ture: 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			
Motor efficiency at full load:	78.5 %			
Number of poles:	2 55 Duct/Latting			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
nsulation class (IEC 85): Motor Number:	F			
wolor Number.	85900701			
Others:				
Net weight:	51.8 lb			
Gross weight:	62.8 lb			
Shipping volume:	4.94 ft ³			
Country of origin:	US			
Custom tariff no.:	8413.70.2040			
	0+10.70.20+0			



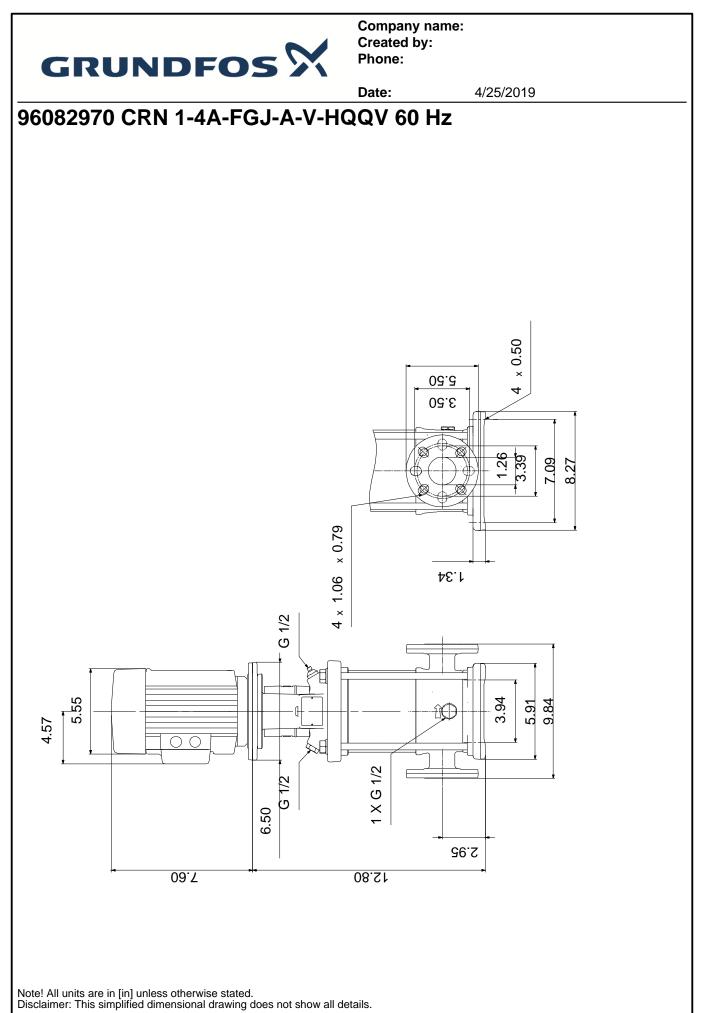


		Date:	4/20/	2019			_
Description	Value	H [ft]		CRN 1-4, 3*230 V, 60Hz]	
General information:							
Product name:	CRN 1-4A-FGJ-A-V-HQQV	120 -					
Product No.:	96082970						
EAN:	5700395177084	110-					
Technical:		100 -					
Rated pump speed:	3485 rpm	90 -					Ļ
Rated flow:	9.69 US gpm	80					8
Rated head:	89.24 ft	80 -					٢°
		70 -				\setminus	+7
Head max:	117.8 ft	60 -					6
Stages:	4	50					5
Impellers:	4	50 -					٢°
Number of reduced-diameter impellers	0	40 -				\	4
Low NPSH:	Ν	30 -					-3
Pump orientation:	Vertical	20-					+2
Shaft seal arrangement:	Single	10-					 1
Code for shaft seal:	HQQV						
Approvals on nameplate:	CURUS	0	2 4 6	8	10 G	[US gpm]	+0
Curve tolerance:	ISO9906:2012 3B	Р		-			٦
Pump version:	A	[HP]				P1	┢
Model:	A						_
		0.5 -					-2
Cooling: Materials:	TEFC	0.4 -				P2	-20
	0	0.2					1
Base:	Stainless steel	0.3-				1	- T ''
	EN 1.4408	0.2				/	- 1
	AISI 316	0.1 -					-5
Impeller:	Stainless steel	0.1	_				Γ
	EN 1.4401	0.0					L ₀
	AISI 316	•					
Material code:	A		4.57				
Code for rubber:	V						
Bearing:	SIC						
Installation:		7.60					
Maximum ambient temperature:	104 °F		Ţ				
Maximum operating pressure:	362.59 psi	6.50					
Max pressure at stated temperature:	363 psi / 194 °F	<u>G 1/2</u>					
······ [······	363 psi / -4 °F	9		× 0.79			
Type of connection:	DIN / ANSI / JIS	8 7 1XG1	/2				
Size of inlet connection:	DN 25/32	· · · · ·			88		
Size of suction port:	1 1/4 inch	2.95					
Size of outlet connection:	DN 25/32		3.94	']][26 39 4 × 0.50		
Size of outlet port:	1 1/4 inch		<u>5.91</u> 9.84	3. 7.0 8.2	19	_	
Pressure rating for pipe connection:	PN 25			L <u>8.2</u>			
Flange rating inlet:	-						
	300 lb						
Flange size for motor:	56C						
Connect code:	FGJ		WARNING				
Liquid:		WITH THE NATIO	GROUNDED IN ACCORDANCE NAL ELECTRICAL CODE AND				
Pumped liquid:	Water	LOCAL CODES B	Y TRAINED PERSONNEL TO US ELECTRICAL SHOCKS.				
Liquid temperature range:	-4 194 °F	SOURCE FROM M	TOR, DISCONNECT POWER MOTOR AND ANY ACCESSORY				
Selected liquid temperature:	68 °F	DEVICES AND AL COMPLETE STAN	LOW MOTOR TO COME TO A ID STILL.				
Density:	62.29 lb/ft ³	LOW VOLTAG 60Hz. 208-23		7			
Electrical data:		6 5	4 6 5 4				
Motor standard:	NEMA		7 • 9 • 8 • 7 •				
Motor type:	71AB	3∳ 2∳ L3 L2		6538.02			
Rated power - P2:	0.5 HP	·	INTERCHANGE ANY TWO LINE	96			
Power (P2) required by pump:	0.5 HP		WHEES TO BEVERSE BOTATION THERMOSTAT LEADS (WHEN PROVIDED)	1			
Main frequency:	60 Hz						
Rated voltage:	3 x 208-230YY/460Y V						

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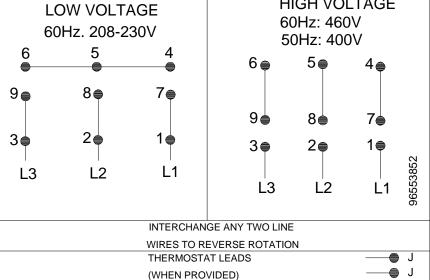
		Date:	4/25/2019
Description	Value		
Service factor:	1.25		
Rated current:	1,64-1,55/0,78 A		
Starting current:	590-650 %		
Load current:	2,0-1,9/0,95 A		
Cos phi - power factor:	0.84-0.78		
Rated speed:	3430-3460 rpm		
Motor efficiency at full load:	78.5 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protection:	NONE		
Motor Number:	85900701		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	51.8 lb		
Gross weight:	62.8 lb		
Shipping volume:	4.94 ft ³		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		





4/25/2019

96082970 CRN 1-4A-FGJ-A-V-HQQV 60 Hz WARNING 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. LOW VOLTAGE



All units are [in] unless otherwise presented.