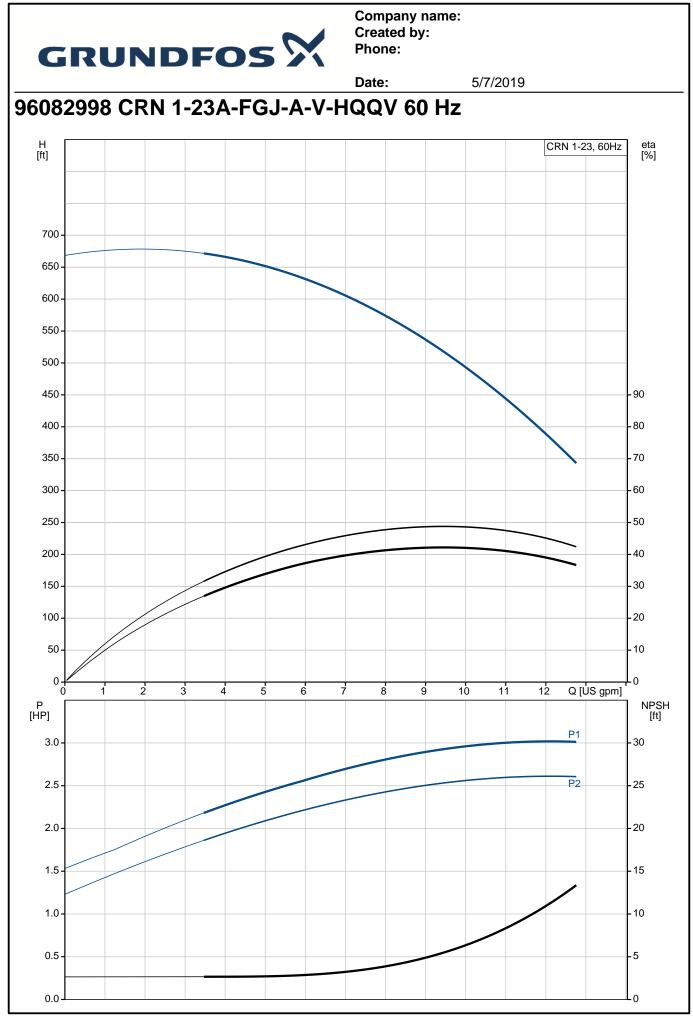
C	RUNDFO	s X	Company name: Created by: Phone:	
			Date:	5/7/2019
Count	Description			
1	CRN 1-23A-FGJ-A-V-HQQV			
	0			
	Product No.: 96082998 Vertical, non-self-priming, multis centrifugal pump for installation i and mounting on a foundation.			
	The pump has the following chan - Impellers, intermediate ch sleeve are made of - Pump head cover and ba	ambers and outer se are made of		
	<ul> <li>The shaft seal has assem according to EN 12756.</li> <li>Power transmission is via coupling.</li> <li>flanges/couplings.</li> </ul>			
	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 <sup>3</sup>		
	<b>Technical:</b> Rated pump speed: Rated flow: Rated head: Pump orientation: Shaft seal arrangement:	3461 rpm 9.69 US gpm 502 ft Vertical Single		
	Code for shaft seal: Approvals on nameplate: Curve tolerance:	HQQV CURUS ISO9906:2012 3B		
	<b>Materials:</b> Base:	Stainless steel EN 1.4408		
	Impeller:	AISI 316 Stainless steel EN 1.4401 AISI 316		
	Bearing:	SIC		
	Installation: Maximum ambient temperature: Maximum operating pressure:	140 °F 362.59 psi		
	m Crundfoo Broduct Contex (2010.02			



Decerintien		
Description		
Max pressure at stated temper		
Type of connection:	363 psi /  -4 °F 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:	182TC	
-		
Electrical data:		
Motor standard:	NEMA	
Motor type:	90FA	
IE Efficiency class:	NEMA Premium / IE3 60Hz	
Rated power - P2:	3 HP	
Power (P2) required by pump:		
Main frequency:	60 Hz	
Rated voltage:	3 x 208-230YY/460Y V	
Service factor:	1.15	
Rated current:	8,35-7,80/3,9 A	
Starting current:	940-1040 %	
Cos phi - power factor:	0.89-0.86	
Rated speed:	3510-3530 rpm	
IE efficiency: Motor efficiency at full load:	IE3 86,5% 86.5 %	
Motor efficiency at 3/4 load:	86.5 %	
Motor efficiency at 1/2 load:	84.0 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Motor Number:	85903977	
motor Number.	0000011	
Others:		
Net weight:	104 lb	
Gross weight:	122 lb	
Shipping volume:	10.1 ft <sup>3</sup>	
Country of origin:	US	
Custom tariff no.:	8413.70.2040	



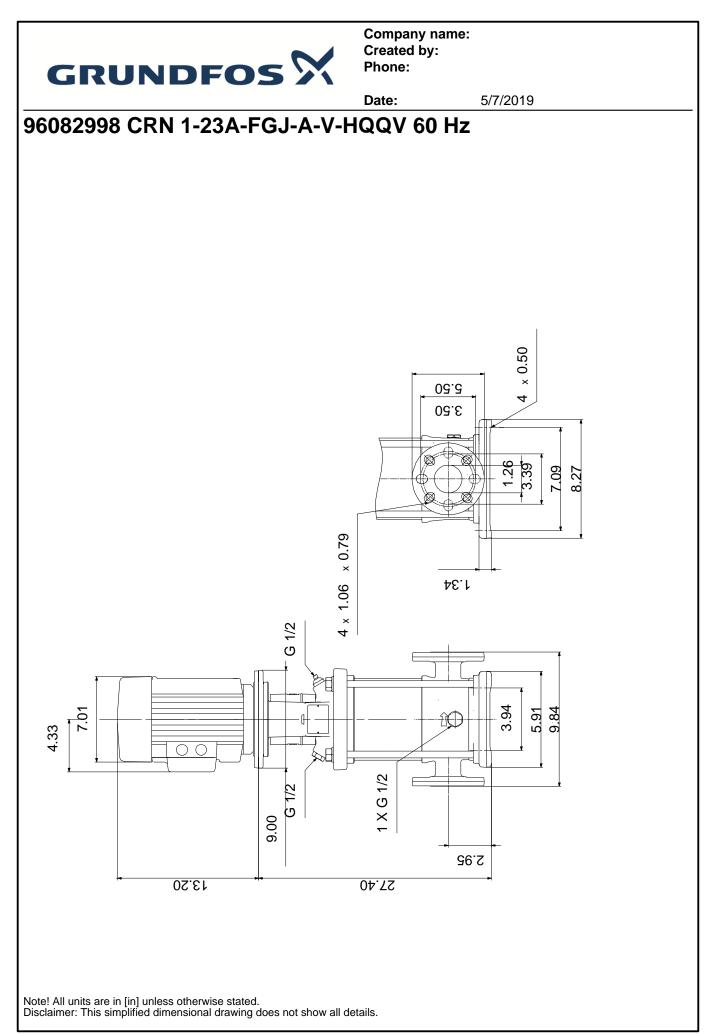


		нг			CRN 1-23, 60Hz	eta
Description	Value	[ft]			51111 1-23, 00HZ	eta [%]
General information:	ODM					
Product name:	CRN 1-23A-FGJ-A-V-HQQV	700 -				
Product No.:	96082998	650 -				
EAN:	5700395177367	600 -				
Technical:		550 <b>-</b>				
Rated pump speed:	3461 rpm	500 -				
Rated flow:	9.69 US gpm	450 -				- 90
Rated head:	502 ft	400 -				- 80
Head max:	673.3 ft	350 -				-70
Stages:	23				``	
Impellers:	23	300 -				- 60
Number of reduced-diameter impellers:	0	250 - 200 -				- 50 - 40
Low NPSH:	Ν	150 -				- 30
Pump orientation:	Vertical	100 -				- 20
Shaft seal arrangement:	Single	50-				10
Code for shaft seal:	HQQV	/				
Approvals on nameplate:	CURUS		2 4 6	8 10	) Q [US gpm]	<b>H</b> 0
Curve tolerance:	ISO9906:2012 3B	P [HP]				NPS [ft]
Pump version:	A	– <sup>[[]</sup>			P1	ן <sub>ויז</sub>
Model:	A	2.5 -			P2	- 25
Cooling:	TEFC				P2	
Materials:	, _	2.0				- 20
Base:	Stainless steel	1.5				- 15
	EN 1.4408					
	AISI 316	1.0 -				- 10
Impeller:	Stainless steel	0.5 -			-	- 5
	EN 1.4401	0.0				L
	AISI 316	0.0 -				
Material code:	AISI 310		4.33			
Code for rubber:	V		7.01			
Bearing:	SIC					
Installation:	00	13:20				
	140 °F		4			
Maximum ambient temperature:			╶┶╨╨╨╨┙			
Maximum operating pressure:	362.59 psi	<u>9.00</u> <u>G 1/2</u>				
Max pressure at stated temperature:	363 psi / 194 °F			9		
Tune of connection:	363 psi / -4 °F	04 27 <u>1 X G 1/2</u>				
Type of connection:	DIN / ANSI / JIS	— I. T				
Size of inlet connection:	DN 25/32				22	
Size of suction port:	1 1/4 inch	_	3.94	1.26		
Size of outlet connection:	DN 25/32	_	<u>5.91</u> 9.84	3.39 7.09	<u>4 × 0.50</u>	
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:	182TC					
Connect code:	FGJ		MARNING			
Liquid:		WITH THE NATION	GROUNDED IN ACCORDANCE AL ELECTRICAL CODE AND			
Pumped liquid:	Water	LOCAL CODES BY	TRAINED PERSONNEL TO S ELECTRICAL SHOCKS.			
Liquid temperature range:	-4 194 °F	SOURCE FROM MC	DR, DISCONNECT POWER DTOR AND ANY ACCESSORY			
Selected liquid temperature:	68 °F	COMPLETE STANE				
Density:	62.29 lb/ft <sup>3</sup>	LOW VOLTAGE 60Hz. 208-230\				
Electrical data:		<u>6</u> 5 9 <b>€</b> 8 <b>€</b>	4 6♥ 5♥ 4♥ 7♥			
Motor standard:	NEMA	3● 2●	9● 8● 7● 1● 3● 2● 1●			
Motor type:	90FA	L3 L2	L1   1 88 L3 L2 L1 88			
IE Efficiency class:	NEMA Premium / IE3 60Hz		J J			
Rated power - P2:	3 HP					
Power (P2) required by pump:	3 HP					

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		Date:	5/7
Description	Value		
Main frequency:	60 Hz	_	
Rated voltage:	3 x 208-230YY/460Y V		
Service factor:	1.15		
Rated current:	8,35-7,80/3,9 A		
Starting current:	940-1040 %		
Load current:	9,5-8,95/4,5 A		
Cos phi - power factor:	0.89-0.86		
Rated speed:	3510-3530 rpm		
E efficiency:	IE3 86,5%		
Motor efficiency at full load:	86.5 %		
Motor efficiency at 3/4 load:	86.5 %		
Motor efficiency at 1/2 load:	84.0 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protection:	NONE		
Motor Number:	85903977		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	104 lb		
Gross weight:	122 lb		
Shipping volume:	10.1 ft <sup>3</sup>		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		





Date: 5/7/2019 96082998 CRN 1-23A-FGJ-A-V-HQQV 60 Hz WARNING  $\triangle$ 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.