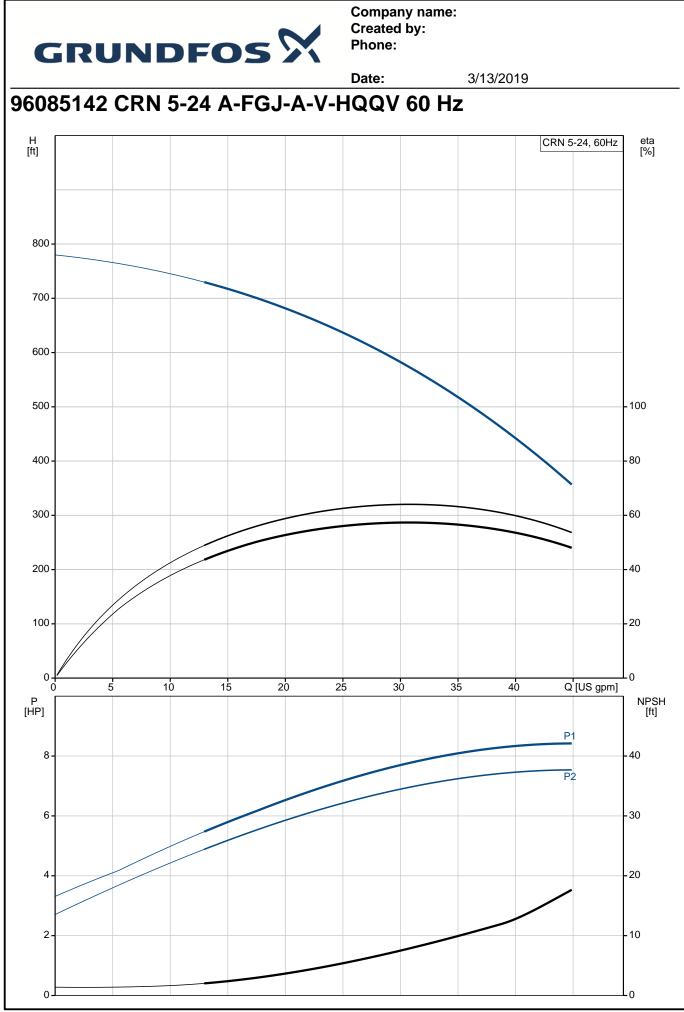
C	RUNDFO	sX	Company name: Created by: Phone:	
			Date:	3/13/2019
Count	Description			
1	CRN 5-24 A-FGJ-A-V-HQQV			
	Product No.: 96085142 Vertical, non-self-priming, multis centrifugal pump for installation i and mounting on a foundation.			
	The pump has the following chan - Impellers, intermediate ch sleeve are made of - Pump head cover and ba - The shaft seal has assem according to EN 12756. - Power transmission is via	nambers and outer se are made of ably length		
	coupling. flanges/couplings. The motor is a 3-phase AC moto	pr.		
	Controls: Frequency converter:	NONE		
	Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -4 194 °F tion: 68 °F 62.29 lb/ft ³		
	Technical: Rated pump speed: Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance:	3467 rpm 30.4 US gpm 578.1 ft Vertical Single HQQV CURUS ISO9906:2012 3B		
	Materials: 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 363 psi		



	Date:	3/13/2019
Description		
Max pressure at stated temper		
Turne of composition.	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:	DN 25/32 1 1/4 inch	
Size of outlet port: Pressure rating for pipe connect		
Flange rating inlet:	300 lb	
Flange size for motor:	213TC	
-		
Electrical data:		
Motor standard:	NEMA	
Motor type:	132DA	
IE Efficiency class:	NEMA Premium / IE3 60Hz	
Rated power - P2:	7.5 HP	
Power (P2) required by pump:		
Main frequency:	60 Hz	
Rated voltage:	3 x 208-230YY/460Y V	
Service factor:	1.15	
Rated current:	19,5-18,1/9,09 A	
Starting current:	1020-1480 %	
Cos phi - power factor:	0.89-0.86	
Rated speed:	3490-3515 rpm	
IE efficiency:	IE3 89,5%	
Motor efficiency at full load:	89.5 %	
Motor efficiency at 3/4 load:	89.7 %	
Motor efficiency at 1/2 load:	88.3 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Others:		
Net weight:	167 lb	
Gross weight:	279 lb	
Shipping volume:	12.9 ft ³	
Country of origin:	US	
Custom tariff no .:	8413.70.2040	



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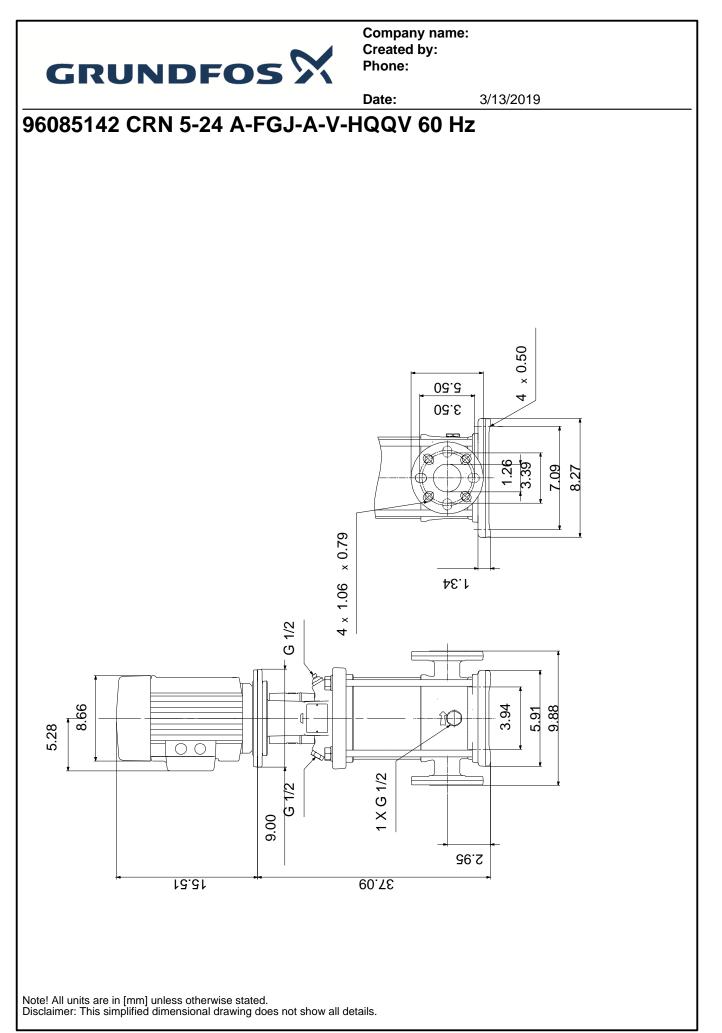


		Date:	3/13/201	9	
Description	Value	H [ft]		CRN 5-24, 60Hz	eta [%]
General information:					
Product name:	CRN 5-24 A-FGJ-A-V-HQQV	800 -			
Product No.:	96085142				
EAN:	5700395199802	700 -			
Technical:	0100000100002	-			
Rated pump speed:	3467 rpm	600 -			
Rated flow:	30.4 US gpm	-			
Rated head:	578.1 ft	500 -			- 100
		-			
Head max:	779.9 ft	400			- 80
Stages:	24	_			
Impellers:	24	300 -			- 60
Number of reduced-diameter impellers:	0	200 -			- 40
Low NPSH:	Ν	200-			- 40
Pump orientation:	Vertical	100			- 20
Shaft seal arrangement:	Single	100-			1 ²⁰
Code for shaft seal:	HQQV				
Approvals on nameplate:	CURUS		10 15 20 25	30 35 Q [US gpm]	- 0
Curve tolerance:	ISO9906:2012 3B	P [HP]			NPS
Pump version:	A			P1	[ft]
Model:	A	8 -			- 40
		-		P2	
Cooling:	TEFC	6 -			- 30
Materials:					
Base:	Stainless steel	4-			- 20
	EN 1.4408				
	AISI 316	2 -			- 10
Impeller:	Stainless steel				
	EN 1.4401	0			Lo
	AISI 316	3			
Material code:	Α		5.28		
Code for rubber:	V	-	8.66		
Bearing:	SIC				
Installation:	0.0	- 15.51			
Maximum ambient temperature:	140 °F	-			
	363 psi				
Maximum operating pressure:	•	<u><u> </u></u>			
Max pressure at stated temperature:	363 psi / 194 °F	-		_	
—	363 psi / -4 °F	60 ℃ <u>1 X G 1</u>	/2		
Type of connection:	DIN / ANSI / JIS	-			
Size of inlet connection:	DN 25/32	5.95			
Size of suction port:	1 1/4 inch	_ ci			
Size of outlet connection:	DN 25/32		<u>5.91</u> 9.88	4 × 0.50	
Size of outlet port:	1 1/4 inch	-	الم الم 2.00	7.09 8.27	
Pressure rating for pipe connection:	PN 25				
Flange rating inlet:	300 lb				
Flange size for motor:	213TC				
Connect code:	FGJ	-			
Liquid:					
Pumped liquid:	Water	WITH THE NATION LOCAL CODES BY	NAL ELECTRICAL CODE AND Y TRAINED PERSONNEL TO		
Liquid temperature range:	-4 194 °F	PREVENT SERIOU	US ELECTRICAL SHOCKS.		
Liquid temperature during operation:	-4 194 F 68 °F	SOURCE FROM M	TOR, DISCONNECT POWER MOTOR AND ANY ACCESSORY LOW MOTOR TO COME TO A		
		COMPLETE STAN	ID STILL.		
Density:	62.29 lb/ft ³	LOW VOLTAG 60Hz. 208-230 6 5	60H7: 460V		
Electrical data:		- 9 0 8 0			
Motor standard:	NEMA	3• 2•	9 9 8 7 9 1 9 1 9 1 1 1 1 1 1 1 1 1 1		
Motor type:	132DA	L3 L2	L1 L3 L2 L1 8		
IE Efficiency class:	NEMA Premium / IE3 60Hz		INTERCHANGE ANY TWO LINE WIRES TO REVERSE BOTATION		
Rated power - P2:	7.5 HP		THERMOSTAT LEADS J (WHEN PROVIDED) J		
Power (P2) required by pump:	7.5 HP				
Main frequency:	60 Hz				

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		Date:
Description	Value	
Rated voltage:	3 x 208-230YY/460Y V	
Service factor:	1.15	
Rated current:	19,5-18,1/9,09 A	
Starting current:	1020-1480 %	
Load current:	22,4-20,8/10,4 A	
Cos phi - power factor:	0.89-0.86	
Rated speed:	3490-3515 rpm	
IE efficiency:	IE3 89,5%	
Motor efficiency at full load:	89.5 %	
Motor efficiency at 3/4 load:	89.7 %	
Motor efficiency at 1/2 load:	88.3 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Motor protection:	PTC	
Motor Number:	85904392	
Controls:		
Frequency converter:	NONE	
Others:		
Net weight:	167 lb	
Gross weight:	279 lb	
Shipping volume:	12.9 ft ³	
Country of origin:	US	
Custom tariff no .:	8413.70.2040	





Date: 3/13/2019 96085142 CRN 5-24 A-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 [mm] unless otherwise presented.