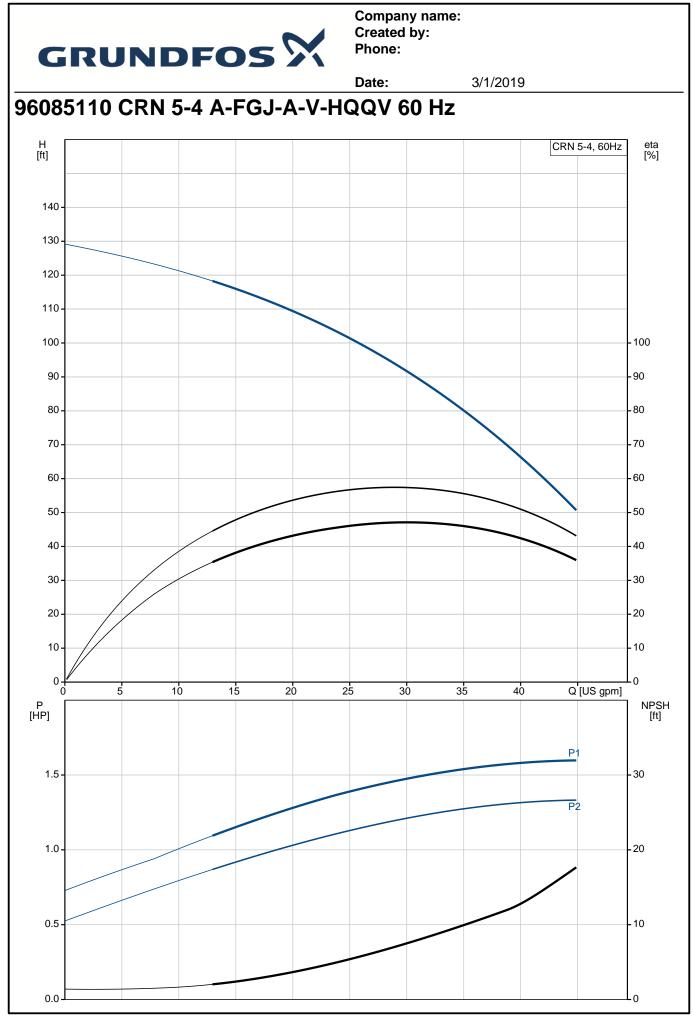
C	RUNDFO	s X	Company name: Created by: Phone:	
			Date:	3/1/2019
Count	Description			
1	CRN 5-4 A-FGJ-A-V-HQQV			
	Product No.: 96085110 Vertical, non-self-priming, multis centrifugal pump for installation i and mounting on a foundation.			
	The pump has the following chan - Impellers, intermediate chan sleeve are made of - Pump head cover and ban - The shaft seal has assem	ambers 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	ır.		
	Controls: Frequency converter:	NONE		
	<b>Liquid:</b> Pumped liquid: Liquid temperature range: Liquid temperature during operation Density:	Water -4 194 °F tion: 68 °F 62.29 lb/ft <sup>3</sup>		
	Technical:	0.400		
	Rated pump speed: Rated flow: Rated head:	3466 rpm 30.4 US gpm 94.82 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:	363 psi		



Company name: Created by: Phone:

Description		
Max pressure at stated tempera	turo: 262 pci / 104 °E	
max pressure at stated tempera	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 connec		
Flange rating inlet:	300 lb	
Flange size for motor:	56C	
Electrical data:		
Motor standard:	NEMA	
Motor type:	80CA	
IE Efficiency class:	NEMA Premium / IE3 60Hz	
Rated power - P2:	1.5 HP	
Power (P2) required by pump:	1.5 HP	
Main frequency:	60 Hz	
Rated voltage:	3 x 208-230YY/460Y V	
Service factor:	1.15	
Rated current:	4,45-4,3/2,16 A	
Starting current:	720 %	
Cos phi - power factor:	0.84-0.78	
Rated speed:	3440-3480 rpm	
IE efficiency:	IE3 84,1%	
Motor efficiency at full load:	84.9 %	
Motor efficiency at 3/4 load:	81.0 %	
Motor efficiency at 1/2 load:	78.5 %	
Number of poles:	2 55 Duct/letting	
Enclosure class (IEC 34-5): Insulation class (IEC 85):	55 Dust/Jetting F	
Others:		
Net weight:	54.5 lb	
Gross weight:	65.5 lb	
Shipping volume:	4.94 ft <sup>3</sup>	
Country of origin:	US	
Custom tariff no.:	8413.70.2040	





## Company name: Created by: Phone:

		Date:			8/1/201	9	<u> </u>	
Description	Value	H [ft]	_				CRN 5-4, 60H	z eta [%]
General information:		140 -						
Product name:	CRN 5-4 A-FGJ-A-V-HQQV	140 - 130 -						
Product No.:	96085110	120 -						_
EAN:	5700395199482	110-						
Technical:	0100000100102							
Rated pump speed:	3466 rpm	100 -						- 100
Rated flow:	30.4 US gpm	90 -						- 90
Rated head:	94.82 ft	80 -						- 80
Head max:	136.8 ft	70 -						70
Stages:	4	60 -						- 60
Impellers:	4						$\sim$	
Number of reduced-diameter impellers:	0	50 - 40 -			/			- 50 - 40
Low NPSH:	N	30 -						- 30
	N Vertical	20 -						20
Pump orientation:								
Shaft seal arrangement:	Single	10 -						- 10
Code for shaft seal:	HQQV	0 <del> </del>	5 1	10 15	20 2	5 30	35 Q [US gpm	
Approvals on nameplate:	CURUS	-	5	10 15	20 2	5 30	ວວ ຊ ເບຣ gpm	] ] NPSH
Curve tolerance:	ISO9906:2012 3B	P [HP]						[ft]
Pump version:	A	1.5 -					<u>P</u> 1	- 30
Model:	Α	1.5 -						- 30
Cooling:	TEFC						P2	
Materials:		1.0 -						- 20
Base:	Stainless steel EN 1.4408	ŀ						
	AISI 316	0.5 -						10
Impeller:	Stainless steel							
•	EN 1.4401	0.0						$\bot_0$
	AISI 316	٩						-
Material code:	A			1.61				
Code for rubber:	V	-		5.59				
Bearing:	SIC	Ī						
Installation:		0.00						
Maximum ambient temperature:	140 °F							
Maximum operating pressure:	363 psi	-	6.50	ĦT.				
Max pressure at stated temperature:	363 psi / 194 °F	-	G 1/2		1/2			
	363 psi / -4 °F	<del></del>	- Fi	Ŧ	<u>4 × 1.06 × 0.</u>	79		
Type of connection:	DIN / ANSI / JIS	14.21	<u>1 X G 1/2</u>				1	
Size of inlet connection:	DN 25/32		LLL I		- 4		36, 36,	
Size of suction port:	1 1/4 inch			-	1.34			
Size of outlet connection:	DN 25/32	•	']	3.94	-	1.26	4 × 0.50	
Size of outlet port:	1 1/4 inch		L	5.91 9.88		7.09		
Pressure rating for pipe connection:	PN 25					u 0.27	<b>u</b>	
Flange rating inlet:	300 lb							
Flange size for motor:	56C		н	IGH VOLTAGE		ר ו		
Connect code:	FGJ	6	DIRECT	TION OF ROTA	TION			
Liquid:	1.00							
Pumped liquid:	Water		l le		~			
			「「「「」」	g H	<u> </u>			
Liquid temperature range:	-4 194 °F		-¥		<u>-</u>			
Liquid temperature during operation:	68 °F	≻	B	of A	ц Гр			
Density:	62.29 lb/ft <sup>3</sup>		2		•	1		
Electrical data:		6	DIREC	OW VOLTAGE	TION			
Motor standard:	NEMA							
Motor type:	80CA	(E)						
IE Efficiency class:	NEMA Premium / IE3 60Hz	רשי	11 19 19	©' <u> </u> ©[	E Z			
Rated power - P2:	1.5 HP	1	·-@	<u> </u>	۵			
Power (P2) required by pump:	1.5 HP		ස	à	٩ ۴	1		

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Company name: Created by: Phone:

		Date:	3/1/2019
Description	Value		
Main frequency:	60 Hz	_	
Rated voltage:	3 x 208-230YY/460Y V		
Service factor:	1.15		
Rated current:	4,45-4,3/2,16 A		
Starting current:	720 %		
Load current:	5,1-4,95/2,48 A		
Cos phi - power factor:	0.84-0.78		
Rated speed:	3440-3480 rpm		
IE efficiency:	IE3 84,1%		
Motor efficiency at full load:	84.9 %		
Motor efficiency at 3/4 load:	81.0 %		
Motor efficiency at 1/2 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:	98976607		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	54.5 lb		
Gross weight:	65.5 lb		
Shipping volume:	4.94 ft <sup>3</sup>		
Country of origin:	US		
Custom tariff no .:	8413.70.2040		

