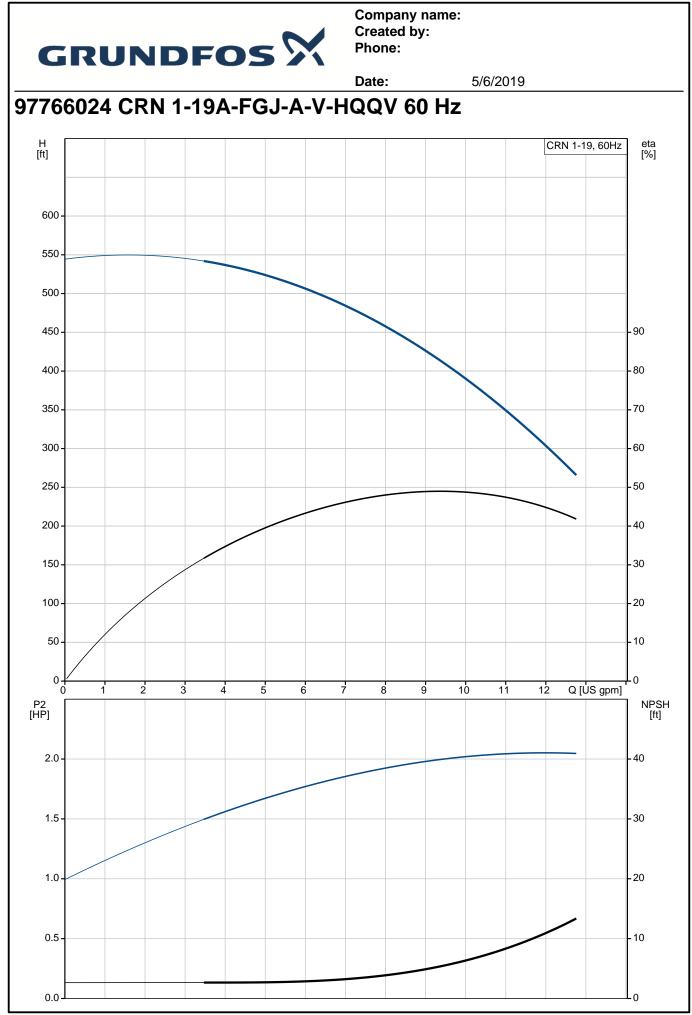
C	RUNDFO	sX	Company name: Created by: Phone:	
			Date:	5/6/2019
Count	Description			
1	CRN 1-19A-FGJ-A-V-HQQV			
	Product No.: 97766024			
	Vertical, non-self-priming, multis	tage, in-line,		
	centrifugal pump for installation i			
	and mounting on a foundation.			
	The pump has the following chan - Impellers, intermediate ch			
	sleeve are made of			
	 Pump head cover and ba The shaft seal has assem 			
	according to EN 12756.	ibiy length		
	- Power transmission is via	cast iron split		
	coupling.			
	flanges/couplings.			
	The motor is a 1-phase AC moto	or.		
	Controls:			
	Frequency converter:	NONE		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	-4 194 °F		
	Selected liquid temperature:	68 °F 62.29 lb/ft ³		
	Density:	62.29 ID/II3		
	Technical:			
	Rated pump speed:	3499 rpm		
	Rated flow:	9.69 US gpm		
	Rated head:	421.9 ft		
	Pump orientation:	Vertical		
	Shaft seal arrangement:	Single		
	Code for shaft seal: Approvals on nameplate:	HQQV CURUS		
	Curve tolerance:	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		
	1			



	JNDFC		Date:	5/6/2019	
Descrip	tion				
	ssure at stated tempera	ature: 363 psi / 194	4 °F		
		363 psi / -4			
Type of o	connection:	DIN / ANSI / JIS			
	nlet connection:	DN 25/32			
	uction port:	1 1/4 inch			
	outlet connection:	DN 25/32			
	outlet port:	1 1/4 inch			
	e rating for pipe connect				
	ating inlet:	300 lb			
	ize for motor:	182TC			
Electrica Motor sta		NEMA			
		Baldor			
Motor ty					
	ower - P2:	3 HP			
	P2) required by pump:	3 HP			
Main free		60 Hz			
Rated vo		1 x 115/208-230 \	/		
Service f		1.15			
Rated cu		29/16-14,5 A			
Rated sp		3450 rpm			
	of poles:	2			
Insulatio	n class (IEC 85):	F			
Motor Nu	umber:	84Z04014			
Others:					
Net weig	ıht [.]	124 lb			
Gross w		142 lb			
	j volume:	10.1 ft ³			
	of origin:	US			
	tariff no.:	8413.70.2040			
Custom		0413.70.2040			



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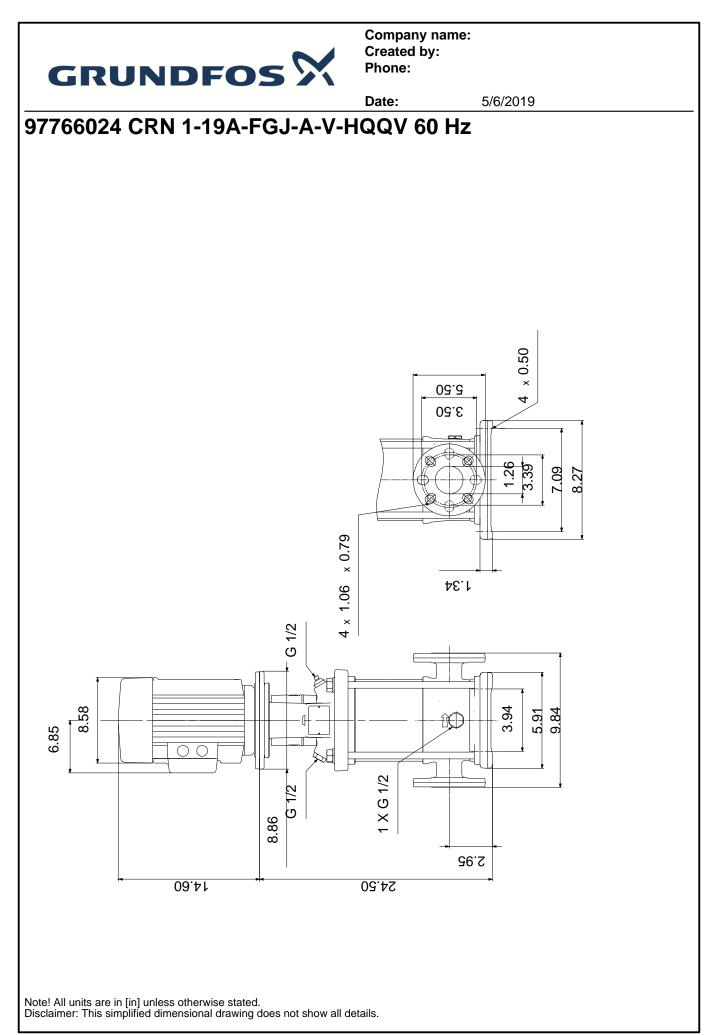


	Date:		5/6/2019				
Value	H [ft]				CRN 1-1	9, 60Hz	et [%
CRN 1-19A-FGJ-A-V-HQQV	600 -						
	550 -						
	500 -						
5710024003730	450						- 90
3499 rpm							
-	400 -						- 80
	350 -						-70
	300						- 60
	300 -						Γ
	250 -						- 50
	200 -					`	- 40
	150 -						- 30
	100-						-20
	/						
-	50 -						- 10
	0			<u> </u>	0 0 "	IC ar 1	Lo
	•	2 4	6 8			is gpm]	NP
	[HP]						[f
	2.0 -						- 40
Α							
TEFC	1.5 -		-				- 30
	_						
	1.0	_					- 20
EN 1.4408						/	
AISI 316	0.5 -	_				/	- 10
-	0.0						Lo
	- Te	P 95					
A		8.58					
V							
SIC							
	14.6	Ļĕ					
104 °F							
362.59 psi	<u>8.86</u> <u>G</u>		G 1/2				
363 psi / 194 °F		<u> </u>					
	4.50		4 × 1.06 × 0.79				
DIN / ANSI / JIS	N		n 11				
DN 25/32	8		1:34		3.50		
1 1/4 inch	8		" ⊨ff				
DN 25/32		<u>5.91</u> 9.84		3.39	4 × 0.50		
1 1/4 inch		h 0.04	•	8.27			
PN 25							
300 lb							
182TC		÷					
FGJ	ф I	i					
	Ψ	1					
Water							
-4 194 °F		i					
68 °F		1					
62.29 lb/ft ³							
		1					
NEMA		i					
	-	1					
	— ()	/					
		/					
	— /м/						
60 Hz	$\begin{pmatrix} 1 \\ 1 \\ \sim \end{pmatrix}$						
	CRN 1-19A-FGJ-A-V-HQQV 97766024 5710624003756 3499 rpm 9.69 US gpm 421.9 ft 559.1 ft 19 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A A TEFC Stainless steel EN 1.4408 AISI 316 Stainless steel EN 1.4408 AISI 316 Stainless steel EN 1.4408 AISI 316 Stainless steel EN 1.4401 AISI 316 A V SIC 104 °F 362.59 psi 363 psi / 194 °F 363 psi / 194 °F 300 lb 182TC FGJ	Value H CRN 600 1-19A-FGJ-A-V-HQQV 550 97766024 500 5710624003756 400 3499 rpm 400 9.69 US gpm 400 421.9 ft 350 559.1 ft 300 19 200 0 N Vertical 5ingle HQQV CURUS ISO9906:2012 3B 1.5 A 1.5 A 1.5 Stainless steel 1.0 EN 1.4408 0.5 AISI 316 0.5 SiC S 0.0 104 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 9 102 1.4 PN 25 300 lb 182TC FGJ FGJ Water -4 194 °F 68 °F 62.29 lb/ft³ NEMA Baldor 3 HP	Value H CRN 1-19A-FGJ-A-V-HQQV 97766024 550 5710624003756 500 3499 rpm 9.69 US gpm 421.9 ft 559.1 ft 19 19 0 N Vertical Single HQQV CURUS ISO9906:2012 3B A A TEFC Stainless steel EN 1.4408 ANISI 316 316 Stainless steel EN 1.4401 AISI 316 33 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 500 lb 182TC FGJ FGJ Mater -4. 194 °F 68 °F 62.29 lb/ft³ Mater NEMA Baldor 3 HP HP	Value H CRN 1-19A-FGJ-A-V-HQQV 97766024 55 5710624003756 50 3499 pm 9 969 US gpm 421.9 ft 421.9 ft 559.1 ft 19 0 N Vertical Single	Value H CRN 1-19A-FGJ-A-V-HQQV 600 97766024 550 5710624003756 500 3499 pm 9.69 US gpm 421.9 ft 559.1 ft 19 0 N Vertical Single 100 HQQV CURUS ISO9906.2012 3B A A TEFC Stainless steel EN 1.4401 ANSI 316 Stainless steel EN 1.4401 AlSI 316 AA O Y SIC 104 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 363 psi / 194 °F 5300 lb 104 °F 68 °F 363 psi / 194 °F 68 °F 300 lb 182TC FGJ Vater -4194 °F 68 °F 62.29 lb/ft ³ Image: Context and the state	Value H CRN 1-1 CRN FGJ-AV-HQQV 97766024 5710624003756 560 3499 rpm 9.69 US gpm 421.9 ft 559.1 ft 19 00 N Vertical Single 100 HOQV CURUS ISO9906:2012 3B A A TEFC Stainless steel EN 1.401 ANSI 316 Stainless steel EN 1.4401 AASI 316 AA Y SIC 0.0 104 °F 562.59 psi 363 psi / 49 °F 563 psi / 49 °F 362 psi 363 psi / 194 °F 563 psi / 49 °F 362 psi 363 psi / 49 °F 5732 11/4 inch PN 25/32 11/4 inch PN 25/32 11/4 inch PN 25 S00 lb 182TC FGJ Yater Vater 4. 194 °F 68 °F 62.29 lb/ft ³ NetMA Baldor 3 HP 3 HP	CRN 194-FGJ-A-V-HQQV 977662403756 560 3499 rpm 969 US gpm 969 US gpm 421.9 ft 559.1 ft 19 19 19 0 N Vertical Single HOQV CURUS CRN 104 9F 362 psi / 44 9F 363 psi / 194 °F 363 psi / 44 9F 300 b 128/TC FGJ Water 4. 194 9F 68 9F 62.29 lb/ft ³ N N

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		Date:	5/6/2019
Description	Value		
Service factor:	1.15	-	
Rated current:	29/16-14,5 A		
Load current:	31,8/18-16,9 A		
Rated speed:	3450 rpm		
Number of poles:	2		
Insulation class (IEC 85):	F		
Motor protection:	NONE		
Motor Number:	84Z04014		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	124 lb		
Gross weight:	142 lb		
Shipping volume:	10.1 ft ³		
Country of origin:	US		
Custom tariff no.:	8413.70.2040		





5/6/2019

97766024 CRN 1-19A-FGJ-A-V-HQQV 60 Hz

