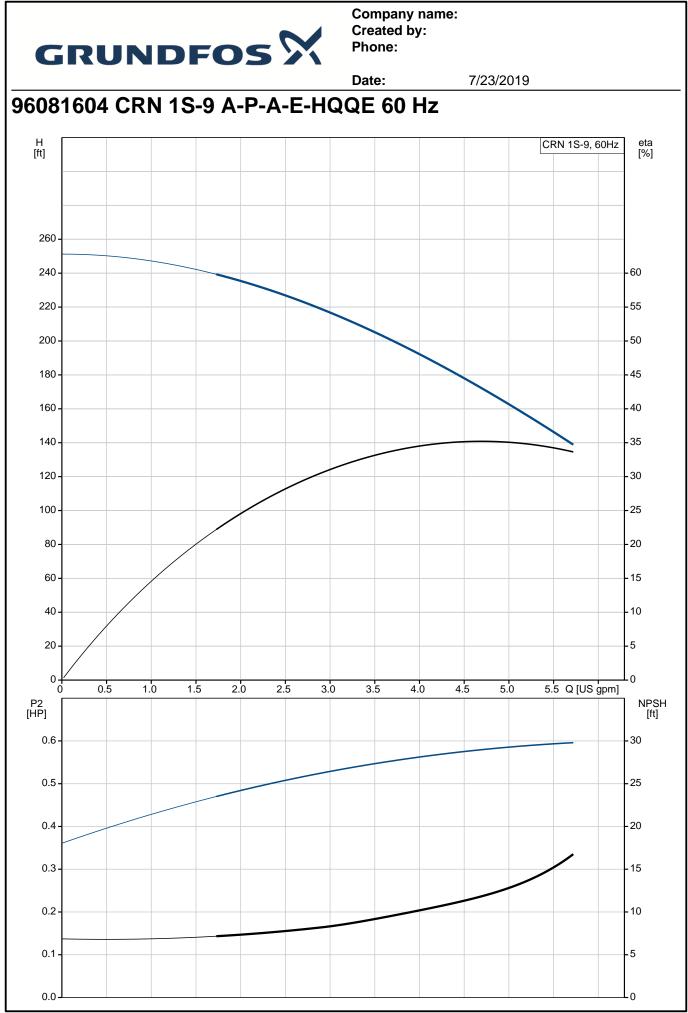
C	GRUNDFO	sX	Company name: Created by: Phone:	
			Date:	7/23/2019
Count	Description			
1	CRN 1S-9 A-P-A-E-HQQE			
	- <b>S</b>			
	Product No.: 96081604			
	Vertical, non-self-priming, multis	tage, in-line.		
	centrifugal pump for installation i			
	and mounting on a foundation.			
	The pump has the following char - Impellers, intermediate ch			
	sleeve are made of			
	- Pump head cover and ba			
	- The shaft seal has assem	ibly length		
	according to EN 12756. - Power transmission is via	aget iron aplit		
	coupling.	cast non spin		
	flanges/couplings.			
	The motor is a 1-phase AC moto	pr.		
	Controls:			
	Frequency converter:	NONE		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	-4 248 °F		
	Selected liquid temperature:	68 °F		
	Density:	62.29 lb/ft <sup>3</sup>		
	Technical:			
	Rated pump speed:	3464 rpm		
	Rated flow:	4.84 US gpm		
	Rated head:	167.3 ft		
	Pump orientation:	Vertical		
	Shaft seal arrangement: Code for shaft seal:	Single HQQE		
	Approvals on nameplate:	CURUS,NSF61		
	Curve tolerance:	ISO9906:2012 3B		
	Materials:			
	Base:	Stainless steel		
		EN 1.4408		
	1	AISI 316		
	Impeller:	Stainless steel		
		EN 1.4401 AISI 316		
	Bearing:	SIC		
	Installation:	104 °E		
	Maximum ambient temperature: Maximum operating pressure:	104 °F 362.59 psi		
		002.00 poi		
	1			



			Date:	7/23/2019	
nt Descriptio		turner 200 m ci / 050			
Max press	ure at stated tempera	363 psi / 250 363 psi / -4 °	) ~F ?F		
Type of co	nnection:	PJE	1		
	et connection:	DN 32			
Size of su		1 1/4 inch			
	tlet connection:	DN 32			
Size of ou		1 1/4 inch			
	ating for pipe connect				
	e for motor:	56C			
Electrical	data:				
Motor star		NEMA			
Motor type		Baldor			
Rated pov		0.75 HP			
	) required by pump:	0.75 HP			
Main frequ		60 Hz			
Rated volt		1 x 115/208-230 V	,		
Service fa		1.25			
Rated cur		9,60/5,00-4,80 A			
Rated spe		3450 rpm			
Number of		2			
	class (IEC 34-5):	54 Dust/Splashing	a a a a a a a a a a a a a a a a a a a		
	class (IEC 85):	В	<b>,</b>		
Motor Nur		84Z04001			
Others:					
Net weigh		56.3 lb			
Gross wei		67.3 lb			
Shipping v		6.11 ft <sup>3</sup>			
Country of		US			
Custom ta		8413.70.2040			



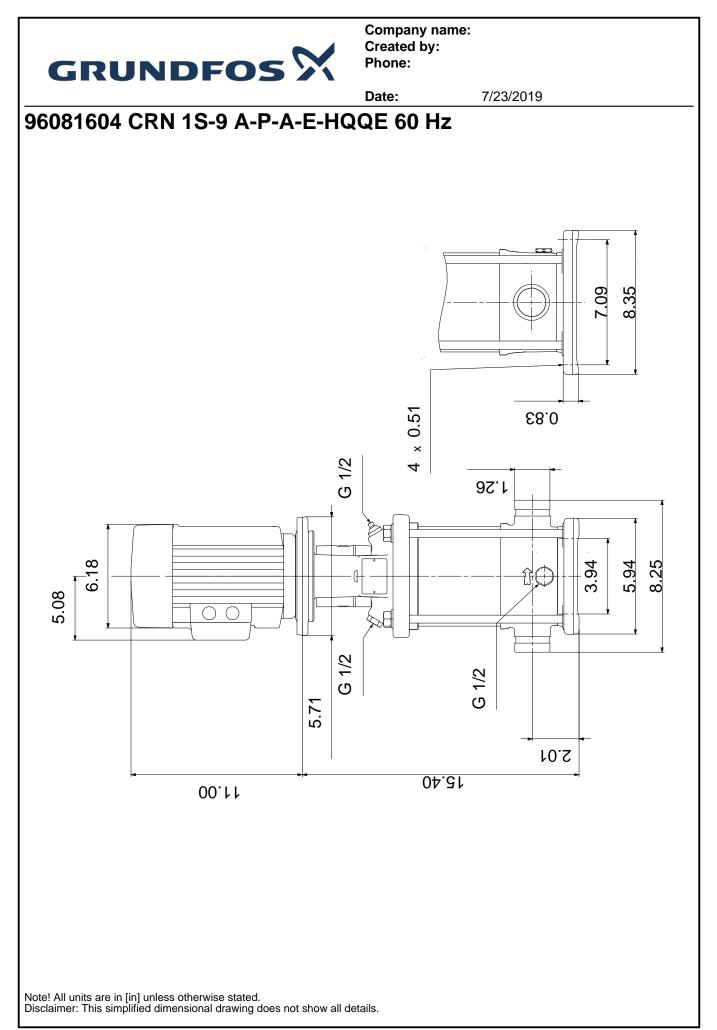


		Date:	7/23	3/2019		
Description	Value	H [ft]			CRN 1S-9, 60Hz	eta [%]
General information:						
Product name:	CRN 1S-9 A-P-A-E-HQQE					1
Product name.		260 -				
Product No.:	96081604	240 -				- 60
EAN:	5700395160482	220 -				- 55
Technical:		200 -				- 50
Rated pump speed:	3464 rpm					- 45
Rated flow:	4.84 US gpm	180 -				
Rated head:	167.3 ft	160 -				- 40
Head max:	250.3 ft	140 -				- 35
Stages:	9	120 -				- 30
Impellers:	9	100 -				- 25
Number of reduced-diameter impellers:	0					- 20
	0	80 -				
Low NPSH:	Ν	60 -				- 15
Pump orientation:	Vertical	40 -				10
Shaft seal arrangement:	Single	20 -	$A \rightarrow A \rightarrow$			-5
Code for shaft seal:	HQQE	<u>م</u> لا				$\Gamma^{0}$
Approvals on nameplate:	CURUS,NSF61	o	0.5 1.0 1.5 2.0 2.5	5 3.0 3.5 4.0	4.5 Q [US gpm]	ů.
Curve tolerance:	ISO9906:2012 3B	P2 [HP]				NPSI [ft]
Pump version:	A	· " +				+
Model:	A	0.5 -				- 25
Cooling:	TEFC					
Materials:		0.4 -				- 20
Base:	Stainless steel	0.3				- 15
	EN 1.4408					1.0
	AISI 316	0.2 -				- 10
Impeller:	Stainless steel	0.1 -				- 5
	EN 1.4401	0.0				
	AISI 316	0.0				-0
Material code:	Alorsto		5.08			
Code for rubber:	E		6.18			
Bearing:	SIC					
Installation:	310	8				
Maximum ambient temperature:	104 °F	11.0				
	362.59 psi					
Maximum operating pressure:	363 psi / 250 °F	5.71				
Max pressure at stated temperature:		G				
Type of connection:	363 psi / -4 °F PJE	64		51		
		15.40				
Size of inlet connection:	DN 32 1 1/4 inch	<u>G 1/</u>				
Size of suction port: Size of outlet connection:	DN 32	2.01			<b>b</b>	
		* +	3.94	7.09		
Size of outlet port: Pressure rating for pipe connection:	1 1/4 inch		5.94	8.35	1	
• • • •	PN 50					
Flange size for motor:	56C	LN	u -			
Connect code:	Р		i i			
Liquid:	Matar	Ш				
Pumped liquid:	Water	<pre></pre>				
Liquid temperature range:	-4 248 °F		i			
Selected liquid temperature:	68 °F					
Density:	62.29 lb/ft <sup>3</sup>					
Electrical data:						
Motor standard:	NEMA					
Motor type:	Baldor					
Rated power - P2:	0.75 HP					
Power (P2) required by pump:	0.75 HP	\ /				
Main frequency:	60 Hz		$\langle i \rangle$			
Rated voltage:	1 x 115/208-230 V	$\binom{\mathbf{M}}{1 \sim}$	)			
Service factor:	1.25	\~∕	/			

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		Date:	7/23/2019
Description	Value		
Rated current:	9,60/5,00-4,80 A		
Load current:	11.4/6.0-5.7 A		
Rated speed:	3450 rpm		
Number of poles:	2		
Enclosure class (IEC 34-5):	54 Dust/Splashing		
Insulation class (IEC 85):	В		
Motor protection:	NONE		
Motor Number:	84Z04001		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	56.3 lb		
Gross weight:	67.3 lb		
Shipping volume:	6.11 ft <sup>3</sup>		
Country of origin:	US		
Custom tariff no .:	8413.70.2040		





7/23/2019

## Ν All units are [in] unless otherwise presented.