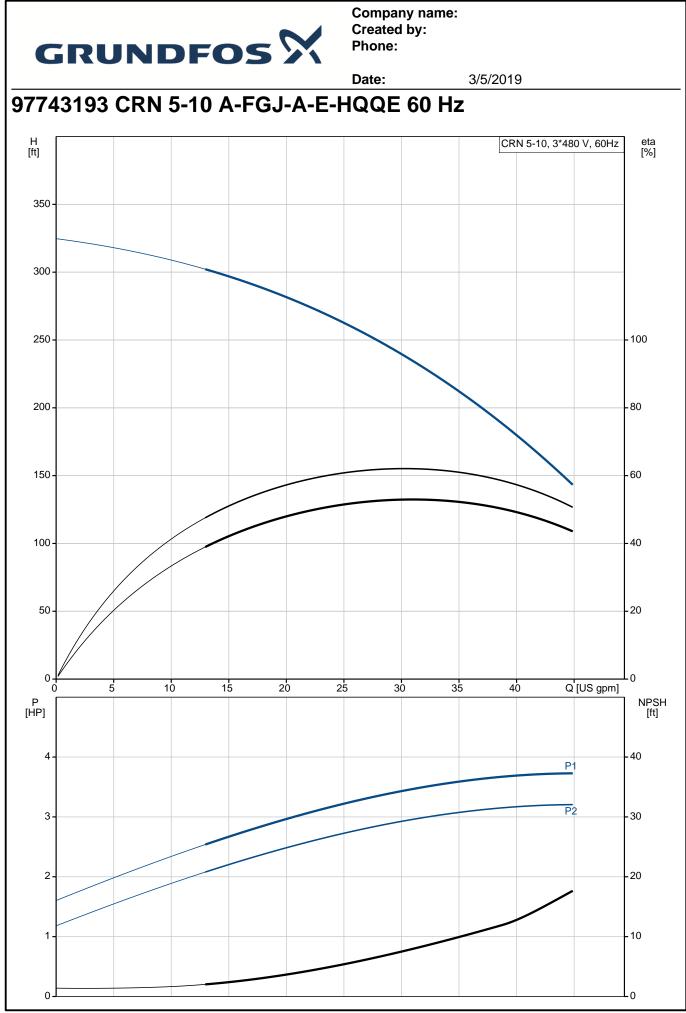
C	GRUNDFO	58	Company name: Created by: Phone:	
			Date:	3/5/2019
Count	Description			
1	CRN 5-10 A-FGJ-A-E-HQQE			
	Product No.: 97743193			
	Vertical, non-self-priming, multis centrifugal pump for installation and mounting on a foundation.			
	The pump has the following chan- Impellers, intermediate changes are made of			
	- Pump head cover and ba	se are made of		
	- The shaft seal has assem according to EN 12756.	bly length		
	<ul> <li>Power transmission is via coupling.</li> <li>flanges/couplings.</li> </ul>	cast from split		
	The motor is a 3-phase AC moto	pr.		
	Controls:			
	Frequency converter:	NONE		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	-4 248 °F		
	Liquid temperature during opera			
	Density:	62.29 lb/ft <sup>3</sup>		
	Technical:			
	Rated pump speed:	3461 rpm		
	Rated flow:	30.4 US gpm		
	Rated head:	241.8 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		
	Les estre a	AISI 316		
	Impeller:	Stainless steel EN 1.4401		
		AISI 316		
	Bearing:	SIC		
	Installation:			
	Maximum ambient temperature:	140 °F		
	Maximum operating pressure:	363 psi		



De	escription	Date		5/2019
	-	urou 262 poi / 260 %E		
IVIE	ax pressure at stated tempera	363 psi / 250 °F 363 psi / -4 °F		
<b>Τ</b> .	pe of connection:	DIN / ANSI / JIS		
	ze of inlet connection:	DN 25/32		
	ze of suction port:	1 1/4 inch		
	ze of outlet connection:	DN 25/32		
	ze of outlet port:	1 1/4 inch		
	essure rating for pipe connect			
	ange rating inlet:	300 lb		
	ange size for motor:	182TC		
Fic	ange size for motor.	10210		
Ele	ectrical data:			
	otor standard:	NEMA		
	otor type:	112CA		
	Efficiency class:	NEMA Premium / IE3 60	17	
	ited power - P2:	5 HP	-	
	ower (P2) required by pump:	5 HP		
	ain frequency:	60 Hz		
	ited voltage:	3 x 208-230YY/460Y V		
	ervice factor:	1.15		
	ited current:	14,1-13,1/7,29 A		
	arting current:	1000-1470 %		
	os phi - power factor:	0.89-0.86		
	ited speed:	3525-3540 rpm		
	efficiency:	IE3 88,5%		
	otor efficiency at full load:	88.5 %		
	otor efficiency at 3/4 load:	88.6 %		
	otor efficiency at 1/2 load:	85.2 %		
	imber of poles:	2		
	closure class (IEC 34-5):	55 Dust/Jetting		
	sulation class (IEC 85):	F		
	hers:			
	et weight:	136 lb		
	oss weight:	151 lb		
	ipping volume: ountry of origin:	8.26 ft <sup>3</sup> US		
	istom tariff no.:	8413.70.2040		
		0413.70.2040		



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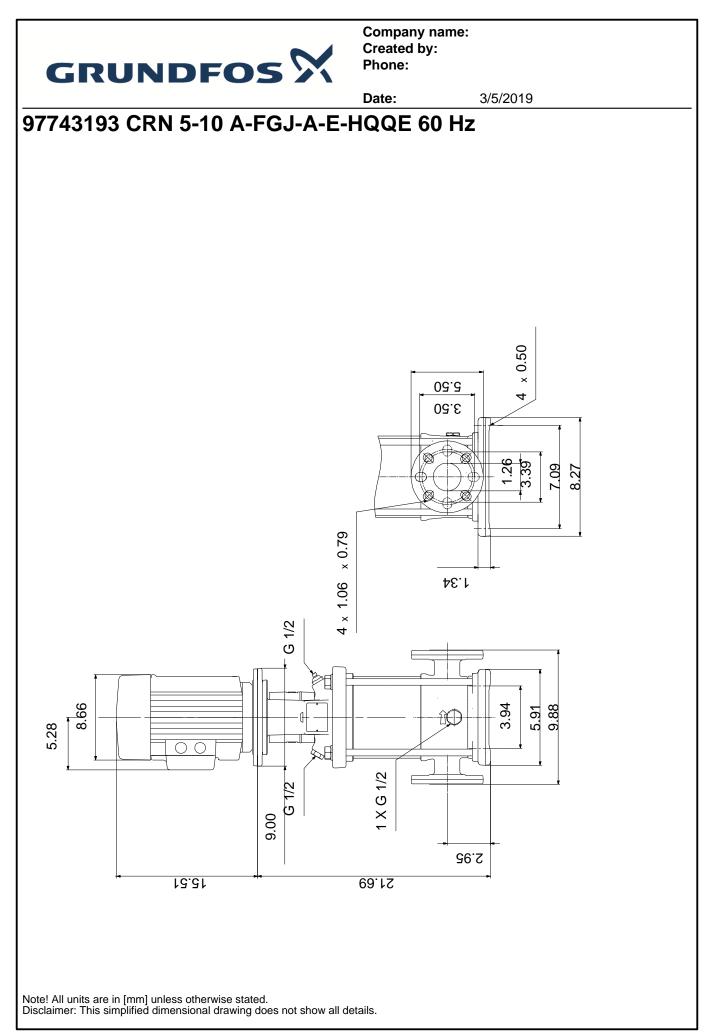


		нг			3*480 V, 60Hz	eta
Description General information:	Value	H [ft] 350 -		CRN 5-10,	3 460 V, 60H2	[%]
Product name:	CRN 5-10 A-FGJ-A-E-HQQE	350-				
Product No.:	97743193	300 -				_
EAN:	5710623582092	-				
Technical:						400
Rated pump speed:	3461 rpm	250 -				- 100
Rated flow:	30.4 US gpm	-				
Rated head:	241.8 ft	200 -				- 80
Head max:	326.8 ft					
Stages:	10	150 -				- 60
Impellers:	10	150-				- 00
Number of reduced-diameter impellers:	0	100 -			$\sim$	- 40
-	N1	-				
Low NPSH:	N					00
Pump orientation:	Vertical	50 -				- 20
Shaft seal arrangement:	Single	.  //				
Code for shaft seal:	HQQE	• <u> </u>				<b>L</b> <sub>0</sub>
Approvals on nameplate:	CURUS,NSF61	0 P	5 10 15 20	25 30 35	Q [US gpm]	 ] NPS
Curve tolerance:	ISO9906:2012 3B	P [HP]				InPS [ft]
Pump version:	А	4 -			P1	- 40
Model:	A				<u> </u>	
Cooling:	TEFC	3-			P2	- 30
Materials:						
Base:	Stainless steel	2 -				- 20
	EN 1.4408					
	AISI 316	1				- 10
Impeller:	Stainless steel					
•	EN 1.4401					$\Box_0$
	AISI 316	٦				-
Material code:	A		5.28			
Code for rubber:	E		8.66			
Bearing:	SIC	-				
Installation:	0.0	15.51				
Maximum ambient temperature:	140 °F	÷	'H			
-						
Maximum operating pressure:	363 psi / 250 °E		<u>G 1/2</u> G 1/2			
Max pressure at stated temperature:	363 psi / 250 °F	-		6 × 0.79		
Trans of assess of	363 psi / -4 °F	21.69	1 X G 1/2	t		
Type of connection:	DIN / ANSI / JIS	-			]	
Size of inlet connection:	DN 25/32	2.95	──╢┤┋			
Size of suction port:	1 1/4 inch	~	3.94	1.26	-	
Size of outlet connection:	DN 25/32		<u>5.91</u> 9.88	3.39	0.50	
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		WARNING			
Liquid:		MOTOR	MUST BE GROUNDED IN ACCORDANCE			
Pumped liquid:	Water	LOCAL C	E NATIONAL ELECTRICAL CODE AND ODES BY TRAINED PERSONNEL TO T SERIOUS ELECTRICAL SHOCKS.			
Liquid temperature range:	-4 248 °F	TO SERV	ICE MOTOR. DISCONNECT POWER			
Liquid temperature during operation:	68 °F	DEVICES	FROM MOTOR AND ANY ACCESSORY AND ALLOW MOTOR TO COME TO A TE STAND STILL.			
Density:	62.29 lb/ft <sup>3</sup>	LOW	/ VOLTAGE HIGH VOLTAGE 60Hz: 460V	E		
Electrical data:		60Hz	2. 208-230V 50Hz: 400V 5 4 6♥ 5♥ 4♥			
Motor standard:	NEMA	90	8 <b>•</b> 7 <b>•</b> 9 <b>•</b> 8 <b>•</b> 7 <b>•</b>			
Motor type:	112CA	. 3•	2 1 3 2 1 L2 L1	20 89		
IE Efficiency class:	NEMA Premium / IE3 60Hz		L2 L1 L3 L2 L1	8663		
Rated power - P2:	5 HP		WIDES TO REVERSE ROTATION	L .		
Power (P2) required by pump:	5 HP					
Main frequency:	60 Hz					

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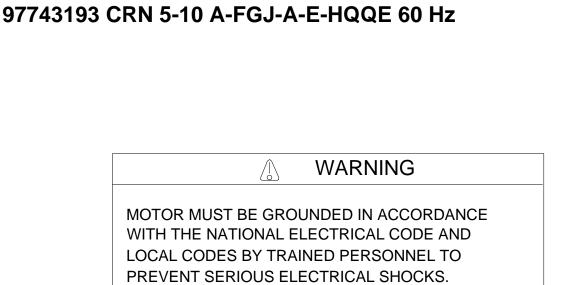


			Date:
Description	Value		
Rated voltage:	3 x 208-230YY/460Y V		
Service factor:	1.15		
Rated current:	14,1-13,1/7,29 A		
Starting current:	1000-1470 %		
Load current:	16,2-15,0/8,40 A		
Cos phi - power factor:	0.89-0.86		
Rated speed:	3525-3540 rpm		
IE efficiency:	IE3 88,5%		
Motor efficiency at full load:	88.5 %		
Motor efficiency at 3/4 load:	88.6 %		
Motor efficiency at 1/2 load:	85.2 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protection:	PTC		
Motor Number:	85904389		
Controls:			
Frequency converter:	NONE		
Others:			
Net weight:	136 lb		
Gross weight:	151 lb		
Shipping volume:	8.26 ft <sup>3</sup>		
Country of origin:	US		
Custom tariff no .:	8413.70.2040		

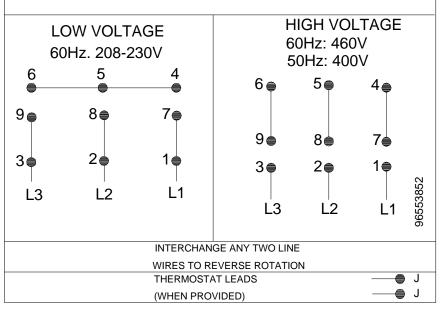




3/5/2019



TO SERVICE MOTOR, DISCONNECT POWER SOURCE FROM MOTOR AND ANY ACCESSORY DEVICES AND ALLOW MOTOR TO COME TO A COMPLETE STAND STILL.



All units are [mm] unless otherwise presented.