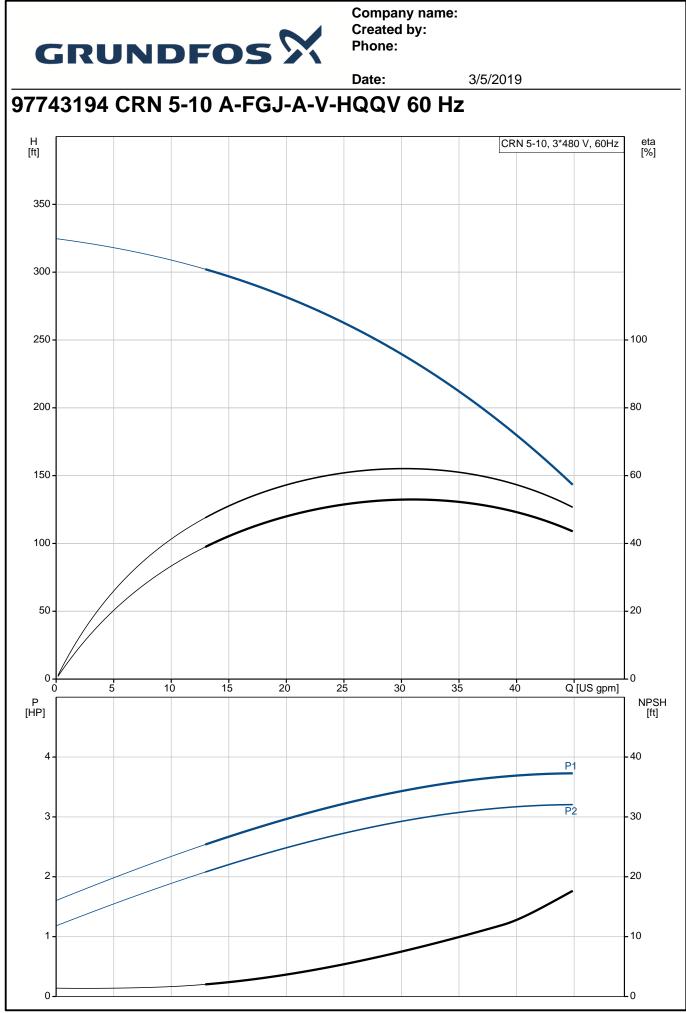
C	GRUNDFO	sX	Company name: Created by: Phone:	
			Date:	3/5/2019
Count	Description			
1	CRN 5-10 A-FGJ-A-V-HQQV			
	Product No.: 97743194 Vertical, non-self-priming, multis centrifugal pump for installation and mounting on a foundation.			
	The pump has the following chains - Impellers, intermediate chains - Impellers, intermediate chains - Pump head cover and bains - The shaft seal has assem according to EN 12756. - Power transmission is via coupling. flanges/couplings.	nambers and outer se are made of nbly length		
	The motor is a 3-phase AC moto	or.		
	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:	3461 rpm 30.4 US gpm 241.8 ft Vertical Single HQQV 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:	140 °F 363 psi		



Description	Date:	3/5/2019
-		
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 connect		
Flange rating inlet:	300 lb	
Flange size for motor:	182TC	
Electrical data:		
Motor standard:	NEMA	
Motor type:	112CA	
E Efficiency class:	NEMA Premium / IE3 60Hz	
Rated power - P2:	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:	14,1-13,1/7,29 A	
Starting current:	1000-1470 %	
Cos phi - power factor:	0.89-0.86	
Rated speed:	3525-3540 rpm	
E 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	
Others:		
Net weight:	136 lb	
Gross weight:	151 lb	
Shipping volume:	8.26 ft ³	
Country of origin:	US	
Custom tariff no.:	8413.70.2040	



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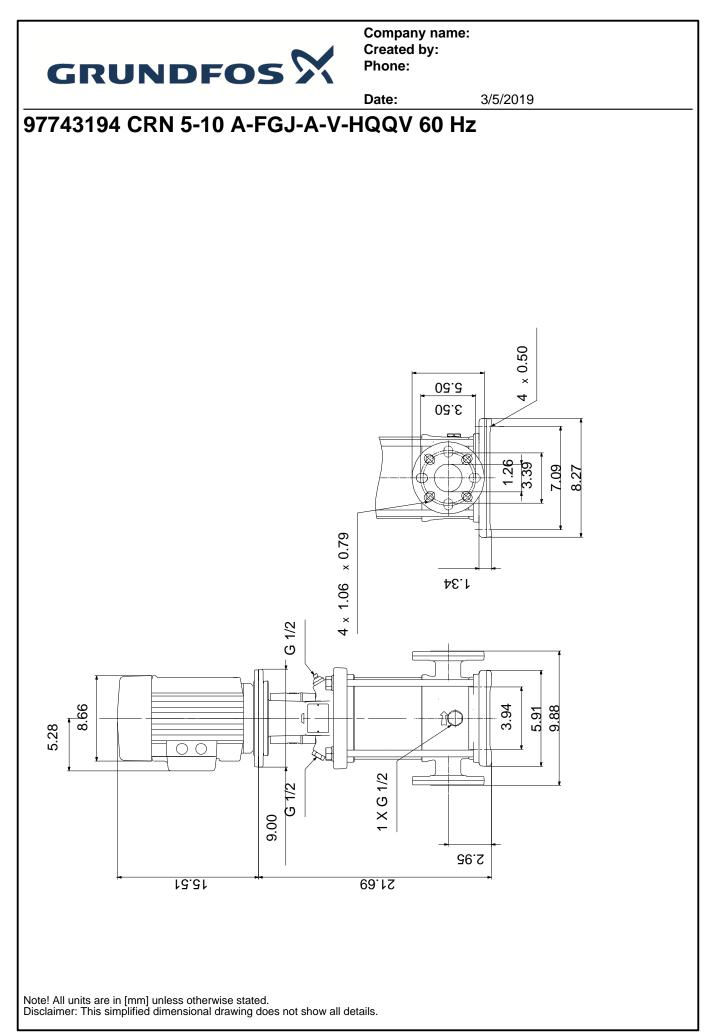


		нг		CRN 5-10-2	*480 V, 60Hz	eta
Description General information:	Value	H [ft] 350 -		CKN 5-10, 3	- 4ου ν, 60HZ	[%
Product name:	CRN 5-10 A-FGJ-A-V-HQQV	350-				
Product No.:	97743194	300 -				_
EAN:	5710623582122	-				
Technical:		250 -				100
Rated pump speed:	3461 rpm	250 -				100
Rated flow:	30.4 US gpm	-				
Rated head:	241.8 ft	200 -				- 80
Head max:	326.8 ft					
Stages:	10	150 -				- 60
Impellers:	10	130				Γ
Number of reduced-diameter impellers:	0	100 -			<u> </u>	- 40
Low NPSH:	Ν	-				
	N Vertical	50 -				- 20
Pump orientation:		· · · · · · · · · · · · · · · · · · ·				1 20
Shaft seal arrangement:	Single					
Code for shaft seal:	HQQV		10 15 20	25 30 35	Q [US gpm]	
Approvals on nameplate:	CURUS		10 15 20	∠ວ 30 35	ບ ເບຣ gpm]	J NP:
Curve tolerance:	ISO9906:2012 3B	P [HP]				[ft
Pump version:	A	4 -			P1	40
Model:	А					
Cooling:	TEFC	3-			P2	- 30
Materials:						
Base:	Stainless steel	2-			_	- 20
	EN 1.4408					
	AISI 316	1				10
Impeller:	Stainless steel					
•	EN 1.4401	0				
	AISI 316					-
Material code:	A		5.28			
Code for rubber:	V	-	8.66			
Bearing:	SIC	-				
Installation:		15.51				
Maximum ambient temperature:	140 °F	-	'AIIIII			
	-	9.00				
Maximum operating pressure:	363 psi / 194 °E	<u> </u>	1/2 G 1/2			
Max pressure at stated temperature:	363 psi / 194 °F			× 0.79		
Tupo of connection:	363 psi / -4 °F	69 77 <u>1 X G</u>	1/2			
Type of connection:	DIN / ANSI / JIS	-				
Size of inlet connection:	DN 25/32	5.95				
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 7.09	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 IONAL ELECTRICAL CODE AND			
Pumped liquid:	Water	LOCAL CODES	IONAL ELECTRICAL CODE AND BY TRAINED PERSONNEL TO IOUS ELECTRICAL SHOCKS.			
Liquid temperature range:	-4 194 °F	TO SERVICE M	OTOR, DISCONNECT POWER			
Liquid temperature during operation:	68 °F	DEVICES AND COMPLETE ST	ALLOW MOTOR TO COME TO A			
Density:	62.29 lb/ft ³	LOW VOLT	AGE HIGH VOLTAGE 60Hz: 460V			
Electrical data:		60Hz. 208-2	230V 50Hz: 400V 4 6 5 4 4			
Motor standard:	NEMA	99 89	7• 9• 8• 7•			
Motor type:	112CA	. 3 ¢ 2 ¢ L3 L2		28		
IE Efficiency class:	NEMA Premium / IE3 60Hz		L3 L2 L1	3655		
Rated power - P2:	5 HP	.	INTERCHANGE ANY TWO LINE WHEES TO BEVER SE BOTATION THERMOSTAT LEADS OWEN PROVIDED	3		
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 ³		
Country of origin:	US		
Custom tariff no .:	8413.70.2040		





Date: 3/5/2019 97743194 CRN 5-10 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.