

#### Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
	TYPE OF SERVICE:	
REPRESENTATIVE:	SUBMITTED BY:	DATE:
ENGINEER:	APPROVED BY:	DATE:
CONTRACTOR:	ORDER NO.:	DATE:

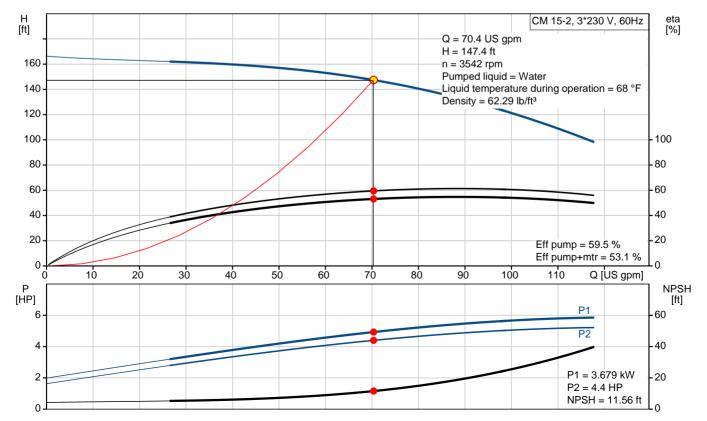




CM are reliable, quiet and compact horizontal end-suction pumps. The modular pump design makes it easy to make customised solutions. The CM pumps are available in cast iron and stainless steel

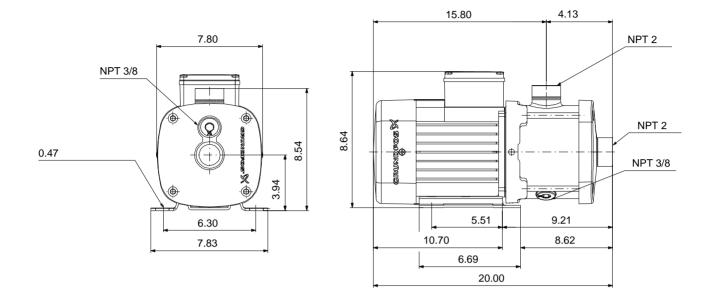
Product photo could vary from the actual product

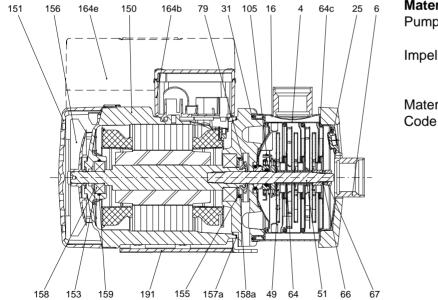
Conditions of Service		Pump Data		Motor Data	
Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity:	70.4 US gpm 147.4 ft 53.1 % Water 68 °F 11.56 ft 1.000	Max pressure at stated temperature: Liquid temperature range: Maximum ambient temperature: Shaft seal: Product number:	232 psi / 194 °F -4 248 °F 131 °F AQQE 96943320	Main frequency: Enclosure class:	60 Hz IP55



## **GRUNDFOS**

### Submittal Data





# Materials:Pump housing:Stainless steel<br/>AISI 316Impeller:Stainless steel<br/>AISI 316Material code:G<br/>Code for rubber:

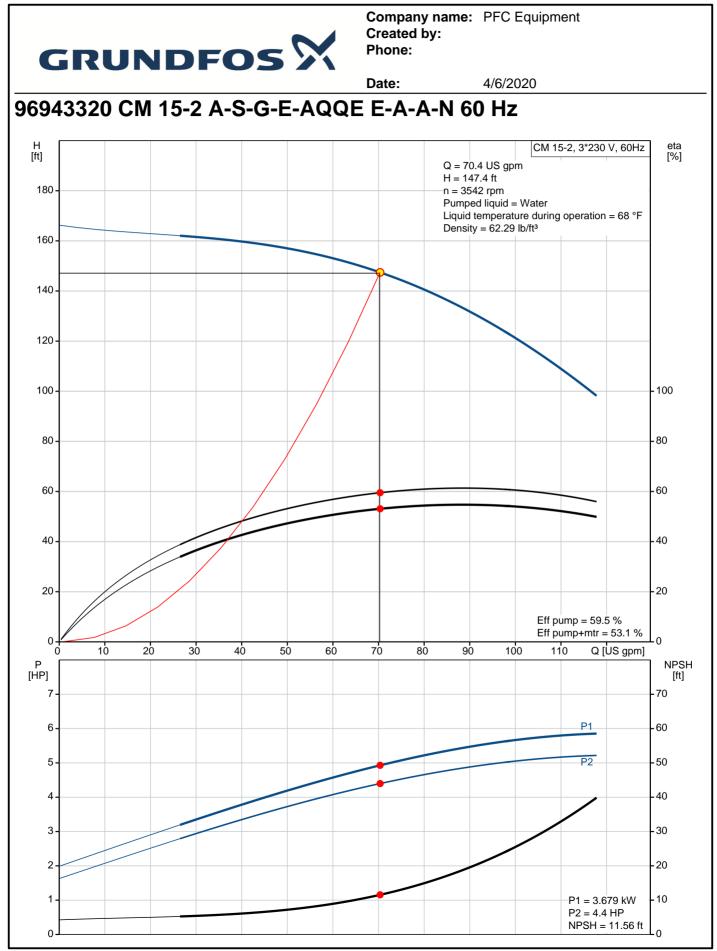
165x100

ountDes1CM1CM1ProcessorProcessorProcessorComport.ProcessorTheComport.ProcessorProcessorTheComport.PumLiquPumLiquSeleeDenTeclPumActuRateResRateCodCumMateNate	t. Pump materials in contact cial designed, unbalanced C pump is fitted with a 3-phas ntrols: quency converter: uid: nped liquid: uid temperature range: ected liquid temperature:	A-N Product photo could hultistage, end-suction with the liquid are in D-ring seal. Pipework	high-grade stainless s connection is via inter	h axial suction port and radial discharge steel. The mechanical shaft seal is a rnal NPT pipe threads.
1 CM	15-2 A-S-G-E-AQQE E-A-A The second state of the second state of t	Product photo could nultistage, end-suction with the liquid are in D-ring seal. Pipework se, foot-mounted, fan- NONE Water	n centrifugal pump wit high-grade stainless s connection is via inter	h axial suction port and radial discharge steel. The mechanical shaft seal is a rnal NPT pipe threads.
Proc Com port. spec The <b>Con</b> Frec <b>Liqu</b> Pum Liqu Sele Den <b>Tec</b> Pum Actu Rate Res Rate Cod Curv	duct No.: 96943320 duct No.: 96943320 mpact, reliable, horizontal, m t. Pump materials in contact cial designed, unbalanced C a pump is fitted with a 3-phase <b>htrols:</b> quency converter: <b>uid:</b> mped liquid: uid temperature range: ected liquid temperature:	Product photo could nultistage, end-suction with the liquid are in D-ring seal. Pipework se, foot-mounted, fan- NONE Water	n centrifugal pump wit high-grade stainless s connection is via inter	h axial suction port and radial discharge steel. The mechanical shaft seal is a rnal NPT pipe threads.
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Com port spec The Com Frec Liqu Pum Liqu Sele Den Tec Pum Actu Rate Res Rate Cod Curv	npact, reliable, horizontal, m t. Pump materials in contact cial designed, unbalanced C pump is fitted with a 3-phas <b>ntrols:</b> quency converter: <b>uid:</b> nped liquid: uid temperature range: ected liquid temperature:	nultistage, end-suction with the liquid are in D-ring seal. Pipework se, foot-mounted, fan NONE Water	n centrifugal pump wit high-grade stainless s connection is via inter	h axial suction port and radial discharge steel. The mechanical shaft seal is a rnal NPT pipe threads.
Com port spec The Com Frec Liqu Pum Liqu Sele Den Tec Pum Actu Rate Res Rate Cod Curv	npact, reliable, horizontal, m t. Pump materials in contact cial designed, unbalanced C pump is fitted with a 3-phas <b>ntrols:</b> quency converter: <b>uid:</b> nped liquid: uid temperature range: ected liquid temperature:	with the liquid are in D-ring seal. Pipework se, foot-mounted, fan NONE Water	high-grade stainless s connection is via inter	steel. The mechanical shaft seal is a rnal NPT pipe threads.
port. spec The Con Frec Liqu Pum Liqu Sele Den Tec Pum Actu Rate Res Rate Cod Curv	t. Pump materials in contact cial designed, unbalanced C pump is fitted with a 3-phas ntrols: quency converter: uid: nped liquid: uid temperature range: ected liquid temperature:	with the liquid are in D-ring seal. Pipework se, foot-mounted, fan NONE Water	high-grade stainless s connection is via inter	steel. The mechanical shaft seal is a rnal NPT pipe threads.
Con Frec Liqu Pum Liqu Sele Den <b>Tec</b> Pum Actu Rate Res Rate Cod Curv	ntrols: quency converter: uid: nped liquid: uid temperature range: ected liquid temperature:	NONE Water	-cooled asynchronous	s motor.
Fred Liqu Purr Liqu Sele Den <b>Tec</b> Purr Actu Rate Rate Cod Curv	quency converter: uid: nped liquid: uid temperature range: ected liquid temperature:	Water		
Pum Liqu Sele Den <b>Tec</b> Pum Actu Rate Res Rate Cod Curv	nped liquid: uid temperature range: ected liquid temperature:			
Pum Liqu Sele Den <b>Tec</b> Pum Actu Rate Cod Curv	nped liquid: uid temperature range: ected liquid temperature:			
Liqu Sele Den <b>Tec</b> Purr Actu Rate Cod Curv	uid temperature range: ected liquid temperature:			
Sele Den Tecl Pum Actu Rate Res Rate Cod Curv	ected liquid temperature:			
Den Tecl Pum Actu Rate Res Rate Cod Curv		68 °F		
Pum Actu Res Rate Cod Curv	nsity:	62.29 lb/ft <sup>3</sup>		
Actu Rate Res Cod Curv	hnical:			
Rate Res Cod Curv <b>Mat</b> e	np speed on which pump da		rpm	
Res Rate Cod Curv	ual calculated flow:	70.4 US gpm		
Rate Cod Curv Mate	ed flow:	89.8 US gpm		
Cod Curv Mate	sulting head of the pump:	147.4 ft		
Curv Mate	ed head:	126.7 ft		
Mate	de for shaft seal:	AQQE		
	ve tolerance:	ISO9906:2012 3B		
	terials:			
	np housing:	Stainless steel		
		EN 1.4401		
		AISI 316		
Impe	eller:	Stainless steel		
		EN 1.4401 AISI 316		
Inst	tallation:			
Ran	nge of ambient temperature:	-4 131 °F		
	Maximum operating pressure: 232.06 psi			
Max	x pressure at stated tempera	ature: 232 psi / 194 145 psi / 250		
Туре	e of connection:	NPT(F)		
	e of suction port:	2 inch		
	e of outlet port:	2 inch		
	let position:	12		
Elec				



Company name: PFC Equipment Created by: Phone:

	Decemination	Date:	4/6/2020
ount	Description		
	Motor standard:	NEMA	
	Frame size:	100B	
	IE efficiency class:	IE3 / NEMA Premium	
	Rated power - P2:	5.36 HP	
	Main frequency:	60 Hz	
	Suitable for 50/60 Hz:	Ν	
	Phase:	3	
	Rated voltage:	208-230YY/440-480Y V	
	Service factor:	1.00	
	Rated current:	14,8-14,2/7,2-7,0 A	
	Rated speed:	3520-3530 rpm	
	Enclosure class (IEC 34-5):	IP55	
	Insulation class (IEC 85):	F	
	Built-in motor protection:	NONE	
	04		
	Others: Terminal box position:	12	
	Minimum efficiency index, ME		
	Net weight:	77.5 lb	
	Gross weight:	83 lb	
	Approvals:	CE,CULUS,WRAS,ACS,TR,EAC,CURUS	
	Country of origin:	US	
	Custom tariff no.:	8413.70.2040	
		0410.70.2040	
	1		

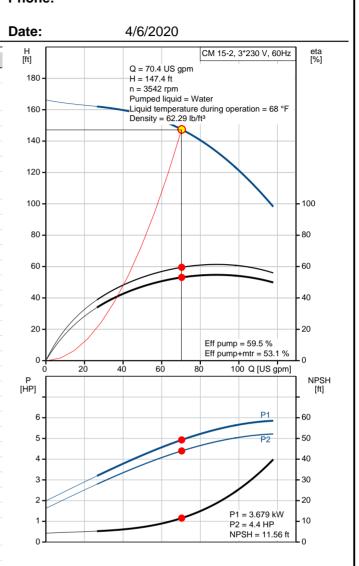


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#### Company name: PFC Equipment Created by: Phone:

Description	Value
General information:	
Product name:	CM 15-2 A-S-G-E-AQQE E-A-A-N
Product No.:	96943320
EAN:	5700314297886
	5700314297886
Technical:	
Pump speed on which pump data are based:	3480 rpm
Actual calculated flow:	70.4 US gpm
Rated flow:	89.8 US gpm
Resulting head of the pump:	147.4 ft
Rated head:	126.7 ft
Impellers:	2
Code for shaft seal:	AQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Stainless steel
	EN 1.4401
laser all an	AISI 316
Impeller:	Stainless steel
	EN 1.4401
Material and a	AISI 316
Material code: Code for rubber:	G
Installation:	E
Range of ambient temperature:	-4 131 °F
Maximum operating pressure:	232.06 psi
Maximum operating pressure.	•
temperature:	232 psi / 194 °F
Turne of compositions	145 psi / 250 °F
Type of connection: Size of suction port:	NPT(F) 2 inch
Size of outlet port:	2 inch
Outlet position:	12
Connect code:	S
Liquid:	5
Pumped liquid:	Water
Liquid temperature range:	-4 248 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft <sup>3</sup>
Electrical data:	
Motor standard:	NEMA
Frame size:	100B
IE efficiency class:	IE3 / NEMA Premium
Rated power - P2:	5.36 HP
Main frequency:	60 Hz
Suitable for 50/60 Hz:	N
Phase:	3
Rated voltage:	208-230YY/440-480Y V
Service factor:	1.00
Rated current:	14,8-14,2/7,2-7,0 A

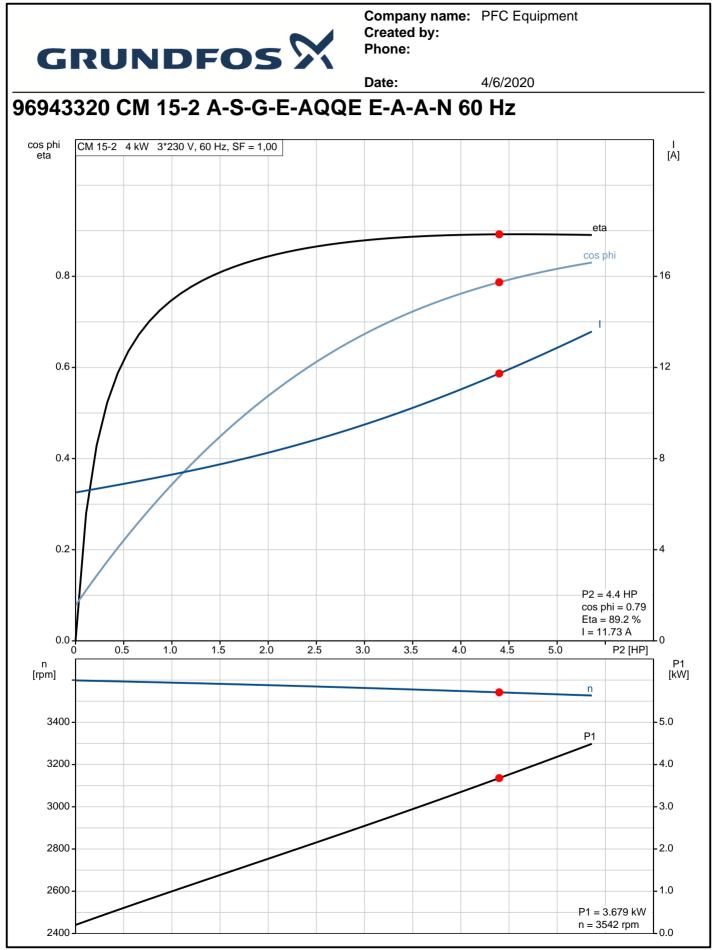




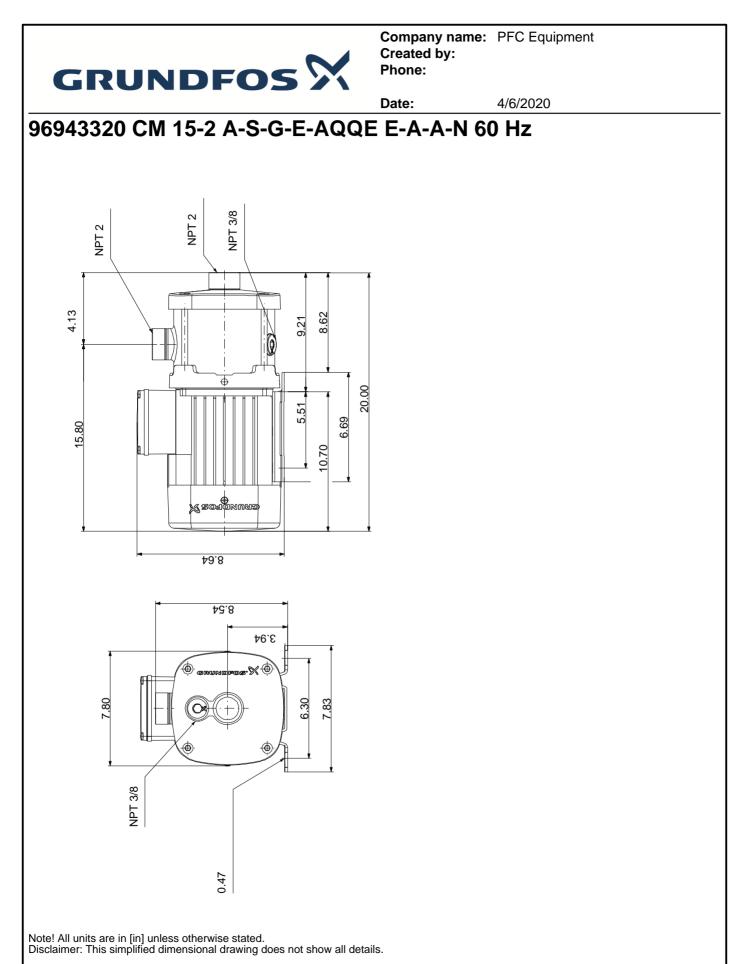
Company name:	PFC Equipment
Created by:	
Phone:	

4/6/2020

		Date:
Description	Value	
Rated speed:	3520-3530 rpm	
Enclosure class (IEC 34-5):	IP55	
Insulation class (IEC 85):	F	
Built-in motor protection:	NONE	
Controls:		
Frequency converter:	NONE	
Others:		
Terminal box position:	12	
Minimum efficiency index, MEI ≥:	0.59	
Net weight:	77.5 lb	
Gross weight:	83 lb	
Approvals:	CE,CULUS,WRAS,ACS,TR,EA C,CURUS	
Country of origin:	US	
Custom tariff no .:	8413.70.2040	

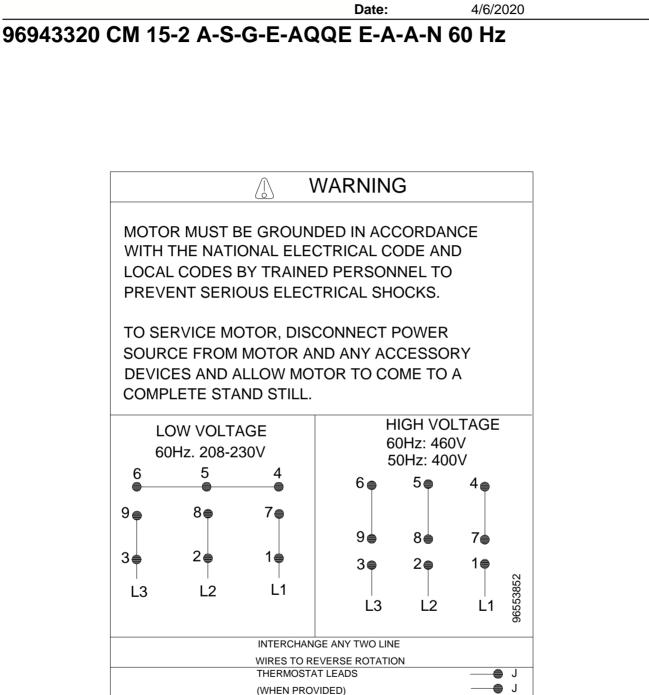


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Company name: PFC Equipment Created by: Phone:



All units are [in] unless otherwise presented.