

Submittal Data

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



CM 3-7 A-S-G-E-AQQE E-A-A-N

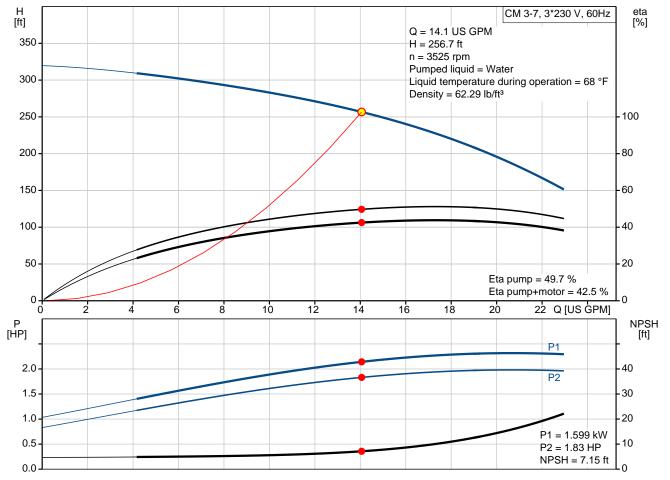
CM are reliable, quiet and compact horizontal end-suction pumps. The modular pump design makes it easy to make customised solutions. The CM pumps are available in cast iron and stainless steel

Note! Product picture may differ from actual product

Conditions of Service		
Flow:	14.1 US GPM	
Head:	256.7 ft	
Efficiency:	42.5 %	
Liquid:	Water	
Temperature:	68 °F	
NPSH required:	7.15 ft	
Viscosity:		
Specific Gravity	1 000	

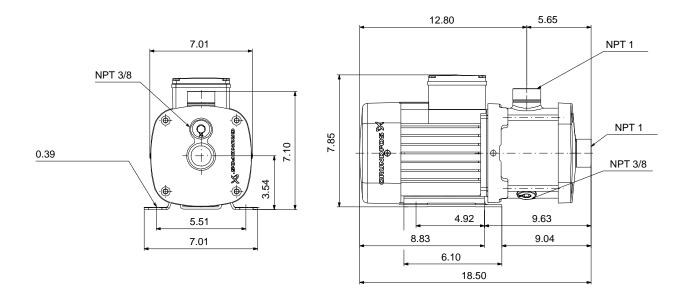
Pump Data	
Max pressure at stated temp:	232 psi / 194 °F
Liquid temperature range:	-4 248 °F
Maximum ambient temperature:	131 °F
Shaft seal:	AQQE
Product number:	97568346

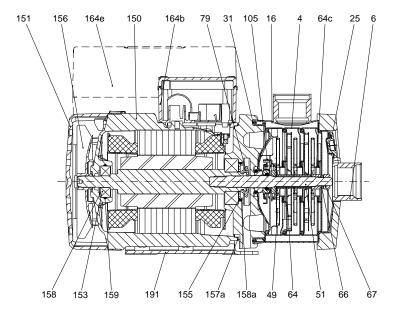
Motor Data	a
Mains frequency:	60 Hz
Enclosure class:	IP55





Submittal Data





Materials:

Pump housing: Stainless steel

AISI 316

Impeller: Stainless steel

AISI 316

EN 1.4401

Material code: G Code for rubber: E

165x100



Date: 03/04/2020

Qty. | Description

1 CM 3-7 A-S-G-E-AQQE E-A-A-N



Note! Product picture may differ from actual product

Product No.: 97568346

Compact, reliable, horizontal, multistage, end-suction centrifugal pump with axial suction port and radial discharge port. Pump materials in contact with the liquid are in high-grade stainless steel. The mechanical shaft seal is a special designed, unbalanced O-ring seal. Pipework connection is via internal NPT pipe threads.

The pump is fitted with a 3-phase, foot-mounted, fan-cooled asynchronous motor.

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water
Liquid temperature range: -4 .. 248 °F
Selected liquid temperature: 68 °F
Density: 62.29 lb/ft³

Technical:

Pump speed on which pump data are based: 3480 rpm

Actual calculated flow: 14.1 US GPM
Rated flow: 16.4 US GPM
Resulting head of the pump: 256.7 ft
Rated head: 229.6 ft
Code for shaft seal: AQQE

Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Stainless steel

EN 1.4401 AISI 316 Stainless steel

Impeller: Stainless stee EN 1.4401

AISI 316

Installation:

Range of ambient temperature: -4 .. 131 °F

Maximum operating pressure: 232.06 psi

Max pressure at stated temp: 232 psi / 194 °F

145 psi / 250 °F

Type of connection: NPT(F)
Size of inlet connection: 1 inch
Size of outlet connection: 1 inch
Outlet position: 12

Electrical data:

Motor standard: NEMA Frame size: 90C



Date: 03/04/2020

Qty. | Description

Rated power - P2: 2.28 HP
Mains frequency: 60 Hz
Suitable for 50/60 Hz: N
Phases: 3

Rated voltage: 208-230YY/440-480Y V

Service factor: 1.00

Rated current: 6,25-5,85/2,98-2,85 A Rated speed: 3440-3520 rpm

Enclosure class (IEC 34-5): IP55
Insulation class (IEC 85): F
Built-in motor protection: NONE

Others:

Terminal box position: 12
Minimum efficiency index, MEI ≥: 0.7
Net weight: 52.9 lb
Gross weight: 58.4 lb

Approvals: CE,CULUS,WRAS,ACS,TR,EAC

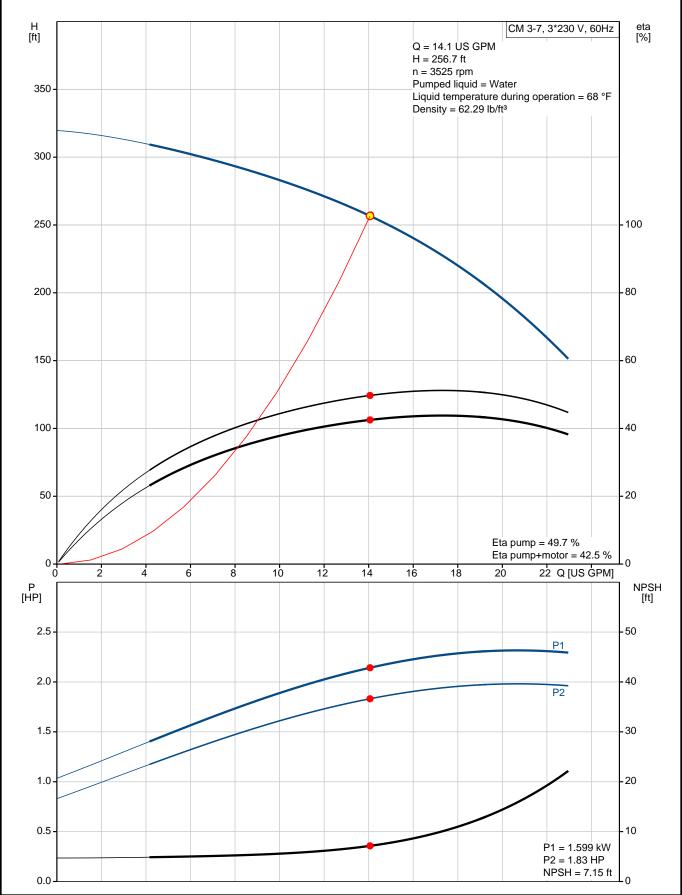
Country of origin: US

Custom tariff no.: 8413.70.2040



Date: 03/04/2020

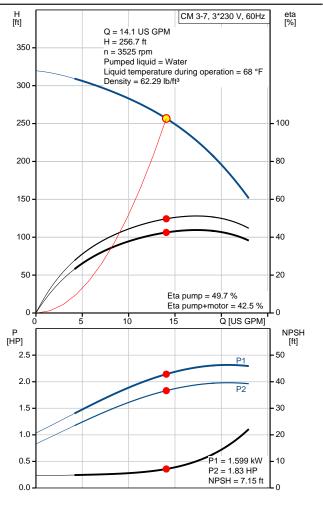
97568346 CM 3-7 A-S-G-E-AQQE E-A-A-N 60 Hz





Date: 03/04/2020

Description Value General information: CM 3-7 A-S-G-E-AQQE E-A-A-N Product No: 97568346 EAN number: 5700318669078 Technical: 5700318669078 Pump speed on which pump data are based: 3480 rpm Actual calculated flow: 14.1 US GPM Rated flow: 16.4 US GPM Resulting head of the pump: 256.7 ft Rated head: 229.6 ft Impellers: 7 Code for shaft seal: AQQE Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Materials: Fump housing: Stainless steel EN 1.4401 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Material code: G G Code for rubber: E Installation: E Range of ambient temperature: -4 131 °F Max pressure at stated temp: 232 psi / 194 °F Type of connection: 1 inch
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Electrical data:
Motor standard: NEMA
Frame size: 90C
Rated power - P2: 2.28 HP
Mains frequency: 60 Hz
Suitable for 50/60 Hz: N
Phases: 3
Rated voltage: 208-230YY/440-480Y V
Service factor: 1.00
Rated current: 6.25-5.85/2.98-2.85 A
-,,,,,,,,
Rated current: 6,25-5,85/2,98-2,85 A Rated speed: 3440-3520 rpm
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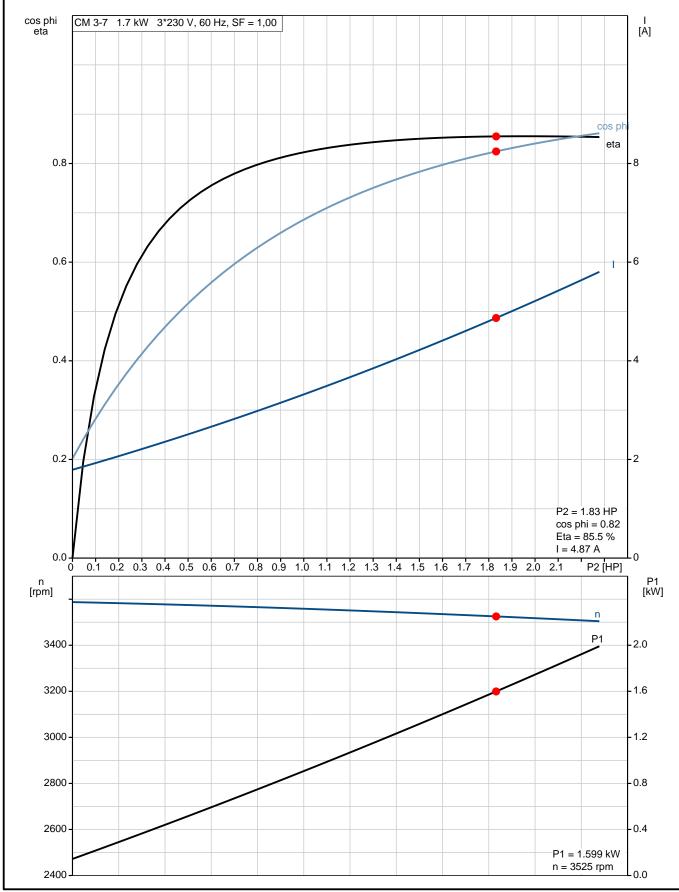
Date: 03/04/2020

Description	Value	
Terminal box position:	12	
Minimum efficiency index, MEI ≥:	0.7	
Net weight:	52.9 lb	
Gross weight:	58.4 lb	
Approvals:	CE,CULUS,WRAS,ACS,TR ,EAC	
Country of origin:	US	
Custom tariff no.:	8413.70.2040	



Date: 03/04/2020

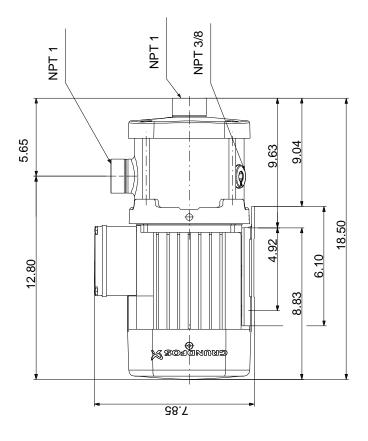
97568346 CM 3-7 A-S-G-E-AQQE E-A-A-N 60 Hz

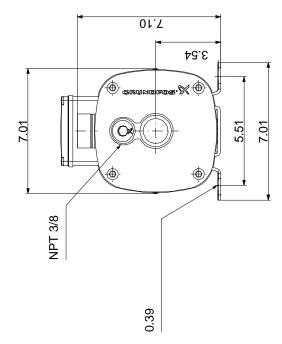




Date: 03/04/2020

97568346 CM 3-7 A-S-G-E-AQQE E-A-A-N 60 Hz





Note! All units are in [in] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



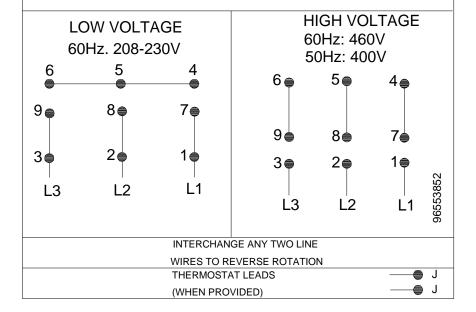
Date: 03/04/2020

97568346 CM 3-7 A-S-G-E-AQQE E-A-A-N 60 Hz

WARNING

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.



Note! All units are in [in] unless others are stated.