

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

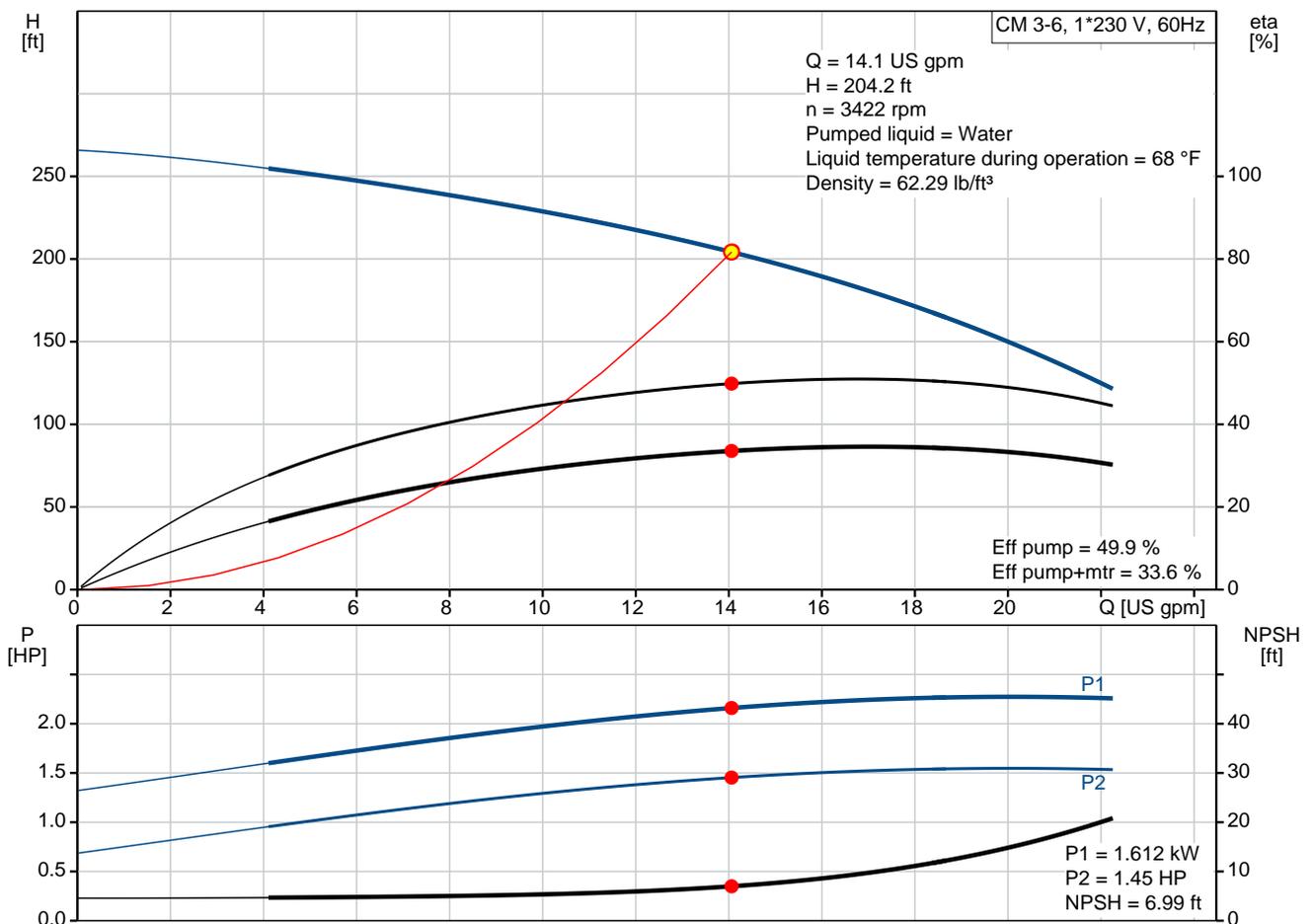
CM 3-6 A-S-G-E-AQQE B-A-A-N

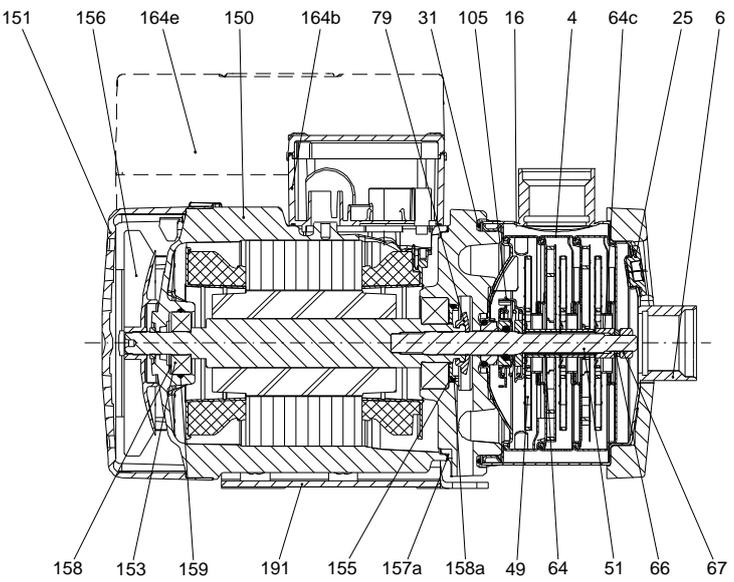
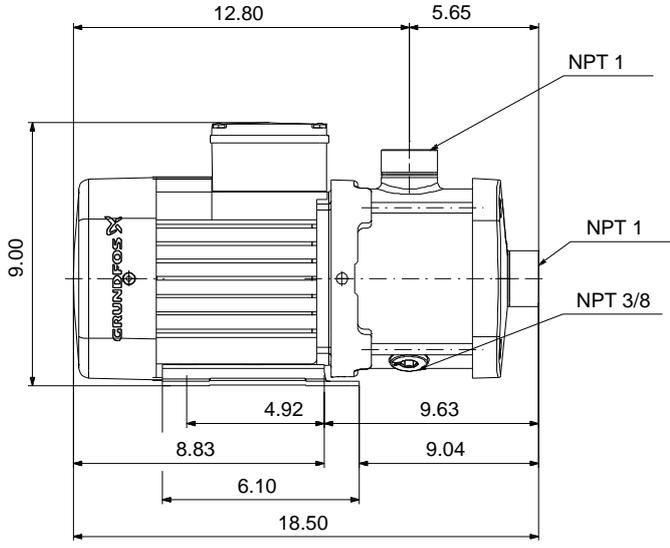
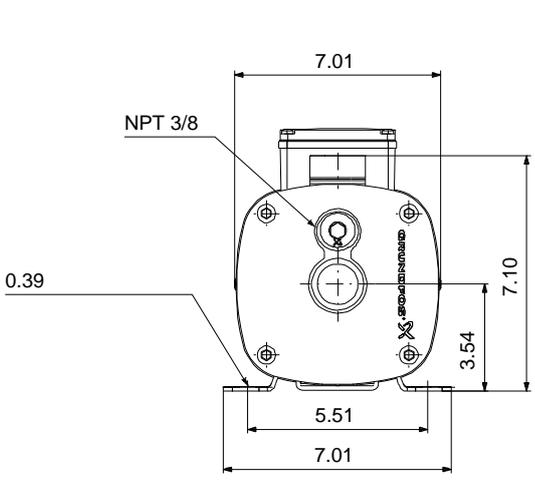


CM are reliable, quiet and compact horizontal end-suction pumps. The modular pump design makes it easy to make customised solutions. The CM pumps are available in cast iron and stainless steel

Product photo could vary from the actual product

Conditions of Service		Pump Data		Motor Data	
Flow:	14.1 US gpm	Max pressure at stated temperature:	232 psi / 194 °F	Main frequency:	60 Hz
Head:	204.2 ft	Liquid temperature range:	-4 .. 248 °F	Enclosure class:	IP55
Efficiency:	33.6 %	Maximum ambient temperature:	131 °F		
Liquid:	Water	Shaft seal:	AQQE		
Temperature:	68 °F	Product number:	97568300		
NPSH required:	6.99 ft				
Viscosity:	_____				
Specific Gravity:	1.000				





Materials:
 Pump housing: Stainless steel
 AISI 316
 Impeller: Stainless steel
 AISI 316
 EN 1.4401
 Material code: G
 Code for rubber: E

165x100

Count	Description
1	<p data-bbox="225 338 598 360">CM 3-6 A-S-G-E-AQQE B-A-A-N</p> <div data-bbox="256 439 555 607">  </div> <p data-bbox="619 629 1072 651" style="text-align: center;">Product photo could vary from the actual product</p> <p data-bbox="225 663 491 685">Product No.: 97568300</p> <p data-bbox="225 719 1449 797">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.</p> <p data-bbox="225 808 1118 831">The pump is fitted with a 1-phase, foot-mounted, fan-cooled asynchronous motor.</p> <p data-bbox="225 864 336 887">Controls:</p> <p data-bbox="225 898 662 920">Frequency converter: NONE</p> <p data-bbox="225 954 312 976">Liquid:</p> <p data-bbox="225 987 715 1099">Pumped liquid: Water Liquid temperature range: -4 .. 248 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft³</p> <p data-bbox="225 1133 352 1155">Technical:</p> <p data-bbox="225 1167 847 1368">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: 204.2 ft Rated head: 196.2 ft Code for shaft seal: AQQE Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="225 1402 344 1424">Materials:</p> <p data-bbox="225 1435 751 1603">Pump housing: Stainless steel EN 1.4401 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316</p> <p data-bbox="225 1637 368 1659">Installation:</p> <p data-bbox="225 1671 831 1906">Range of ambient temperature: -4 .. 131 °F Maximum operating pressure: 232.06 psi Max pressure at stated temperature: 232 psi / 194 °F 145 psi / 250 °F Type of connection: NPT(F) Size of suction port: 1 inch Size of outlet port: 1 inch Outlet position: 12</p> <p data-bbox="225 1939 408 1962">Electrical data:</p> <p data-bbox="225 1973 679 2085">Motor standard: NEMA Frame size: 90B Rated power - P2: 2.01 HP Main frequency: 60 Hz</p>



Company name:

Created by:

Phone:

Date:

4/2/2020

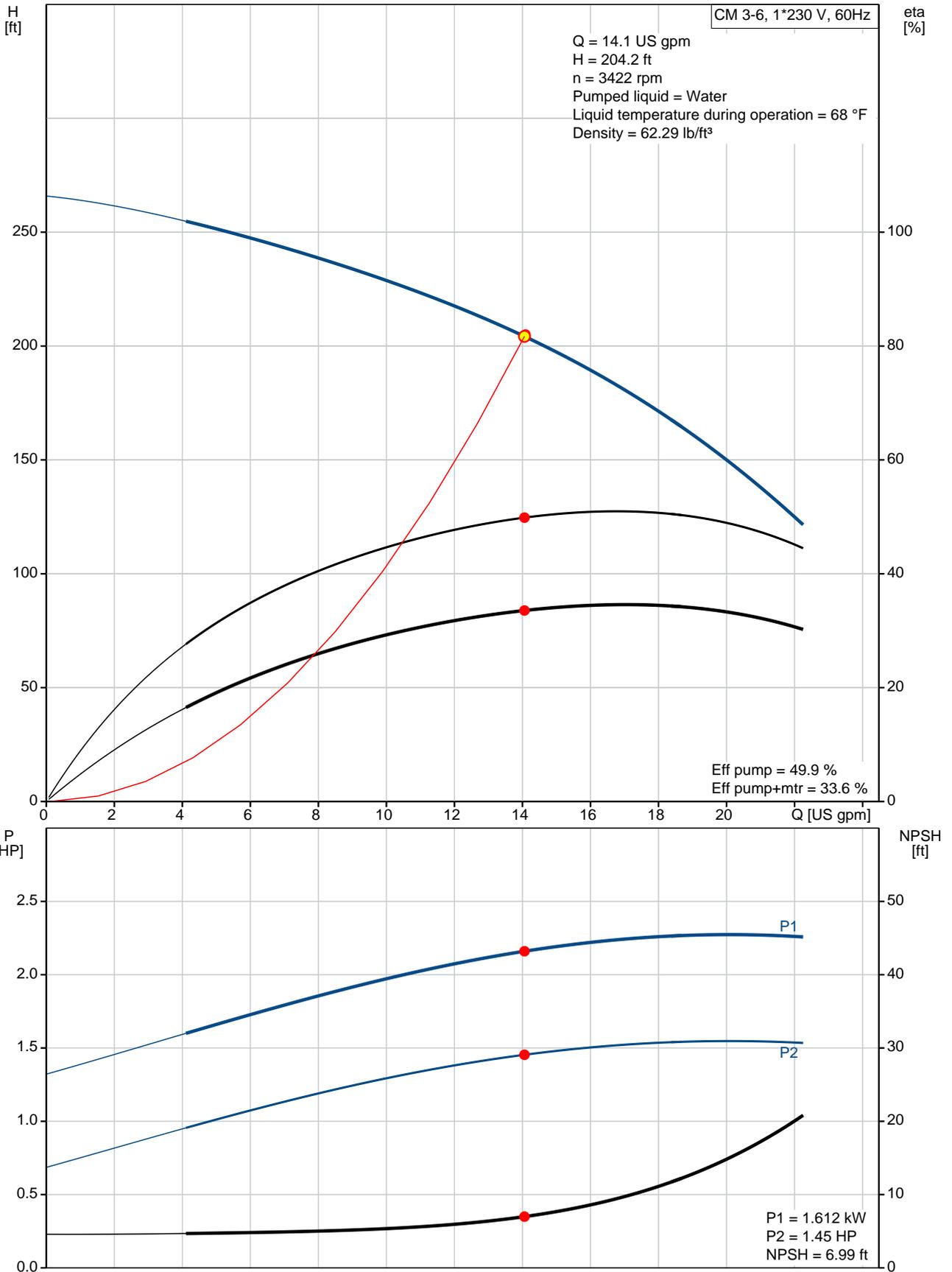
Count	Description
	Suitable for 50/60 Hz: N
	Phase: 1
	Rated voltage: 115/230 V
	Service factor: 1.00
	Rated current: 18.8/9.8 A
	Starting current: 400-400 %
	Rated speed: 3360 rpm
	Enclosure class (IEC 34-5): IP55
	Insulation class (IEC 85): F
	Built-in motor protection: NONE
	Others:
	Terminal box position: 12
	Minimum efficiency index, MEI $\eta_{\%}$: 0.7
	Net weight: 52.7 lb
	Gross weight: 58.3 lb
	Approvals: CE,CULUS,WRAS,ACS,TR,EAC,CURUS
	Country of origin: US
	Custom tariff no.: 8413.70.2040



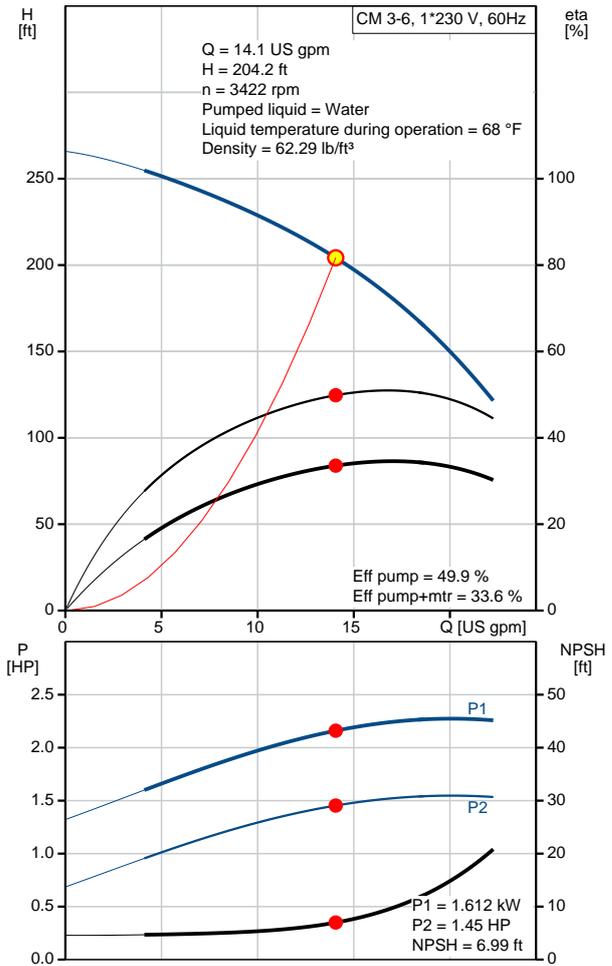
Company name:
Created by:
Phone:

Date: 4/2/2020

97568300 CM 3-6 A-S-G-E-AQQE B-A-A-N 60 Hz



Description	Value
General information:	
Product name:	CM 3-6 A-S-G-E-AQQE B-A-A-N
Product No.:	97568300
EAN:	5700318668613 5700318668613
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:	204.2 ft
Rated head:	196.2 ft
Impellers:	6
Code for shaft seal:	AQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Stainless steel EN 1.4401 AISI 316
Impeller:	Stainless steel EN 1.4401 AISI 316
Material code:	G
Code for rubber:	E
Installation:	
Range of ambient temperature:	-4 .. 131 °F
Maximum operating pressure:	232.06 psi
Max pressure at stated temperature:	232 psi / 194 °F 145 psi / 250 °F
Type of connection:	NPT(F)
Size of suction port:	1 inch
Size of outlet port:	1 inch
Outlet position:	12
Connect code:	S
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 248 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor standard:	NEMA
Frame size:	90B
Rated power - P2:	2.01 HP
Main frequency:	60 Hz
Suitable for 50/60 Hz:	N
Phase:	1
Rated voltage:	115/230 V
Service factor:	1.00
Rated current:	18.8/9.8 A
Starting current:	400-400 %
Rated speed:	3360 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Controls:	





Company name:

Created by:

Phone:

Date:

4/2/2020

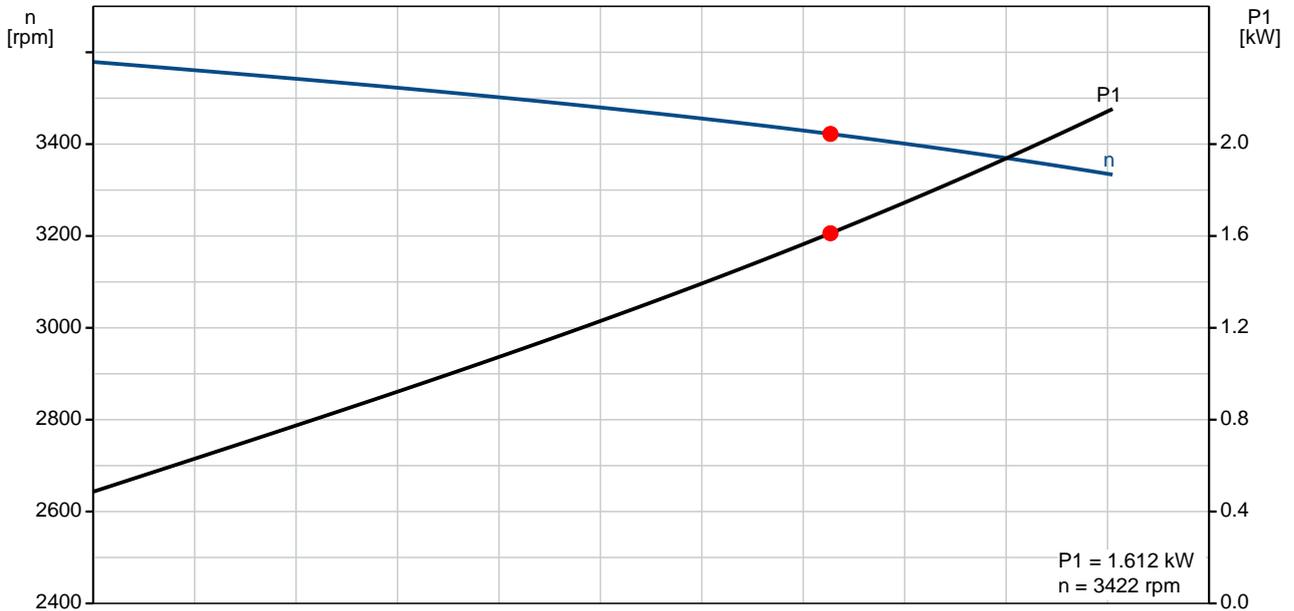
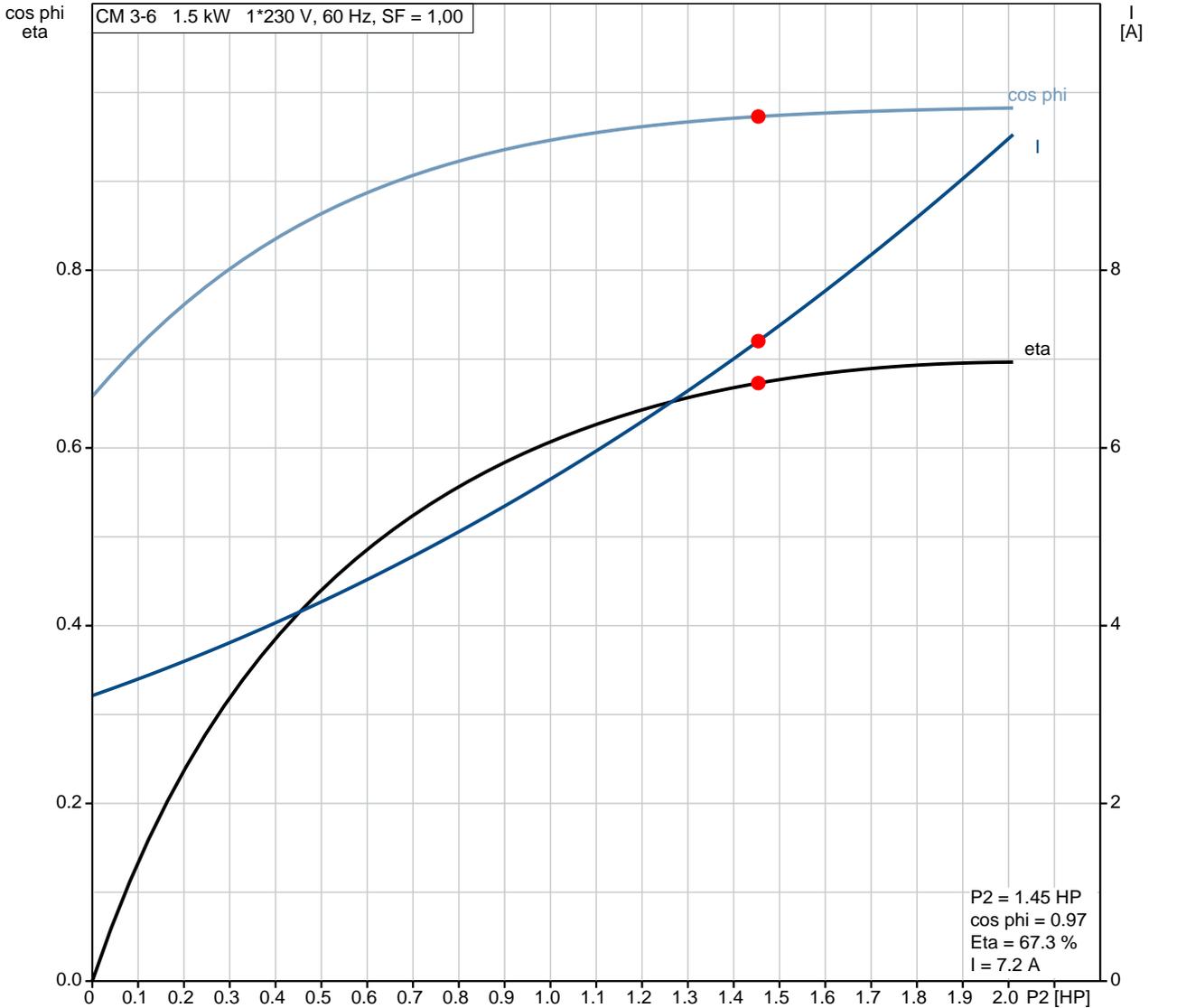
Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	12
Minimum efficiency index, MEI â%â€::	0.7
Net weight:	52.7 lb
Gross weight:	58.3 lb
Approvals:	CE,CULUS,WRAS,ACS,TR,EA C,CURUS
Country of origin:	US
Custom tariff no.:	8413.70.2040



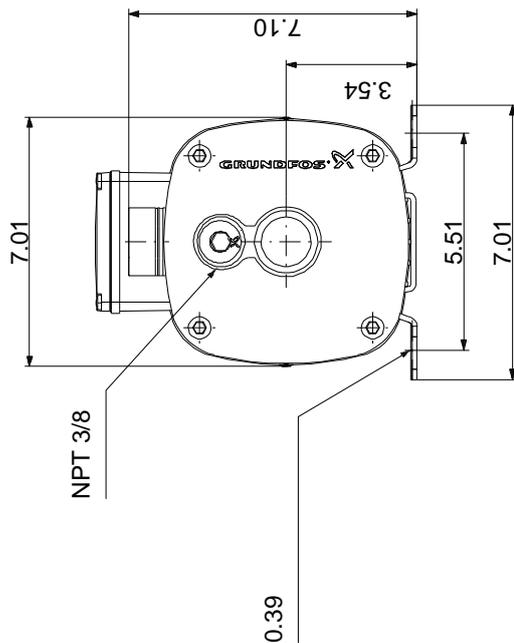
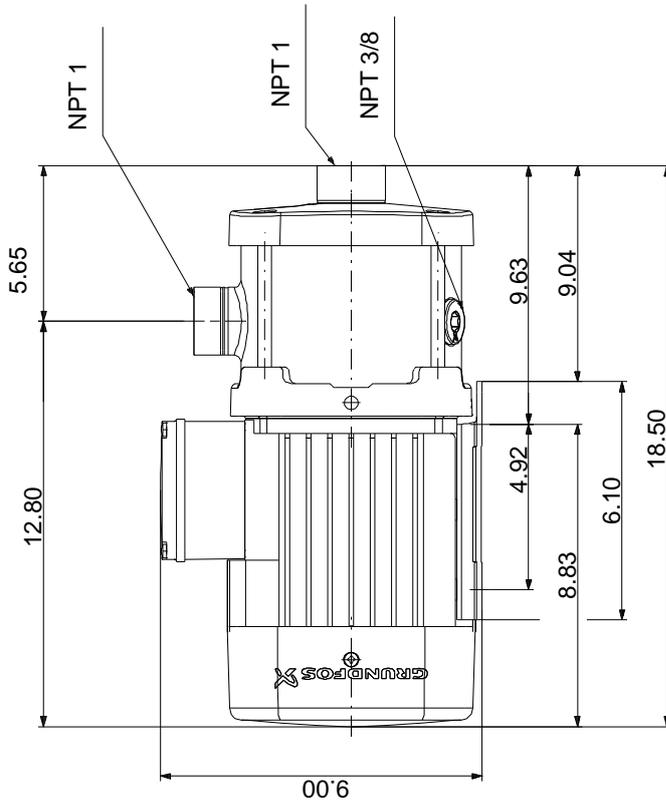
Company name:
Created by:
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Date: 4/2/2020

97568300 CM 3-6 A-S-G-E-AQQE B-A-A-N 60 Hz



97568300 CM 3-6 A-S-G-E-AQQE B-A-A-N 60 Hz

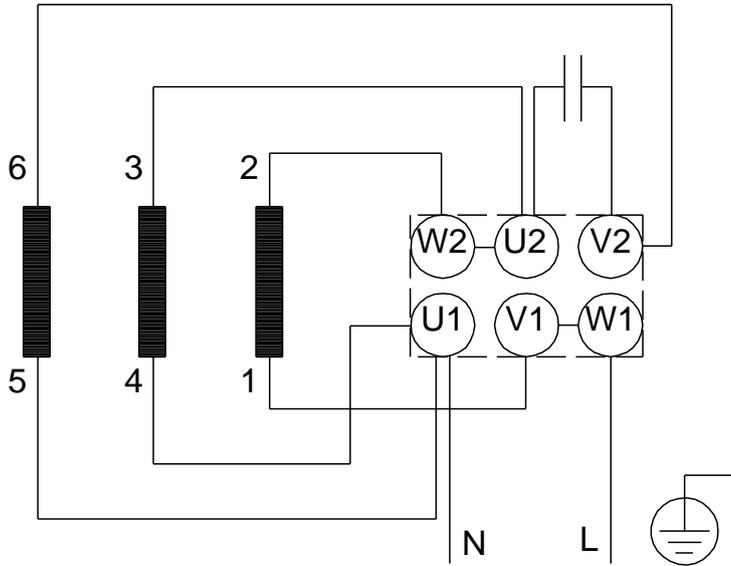


Note! All units are in [in] unless otherwise stated.
Disclaimer: This simplified dimensional drawing does not show all details.

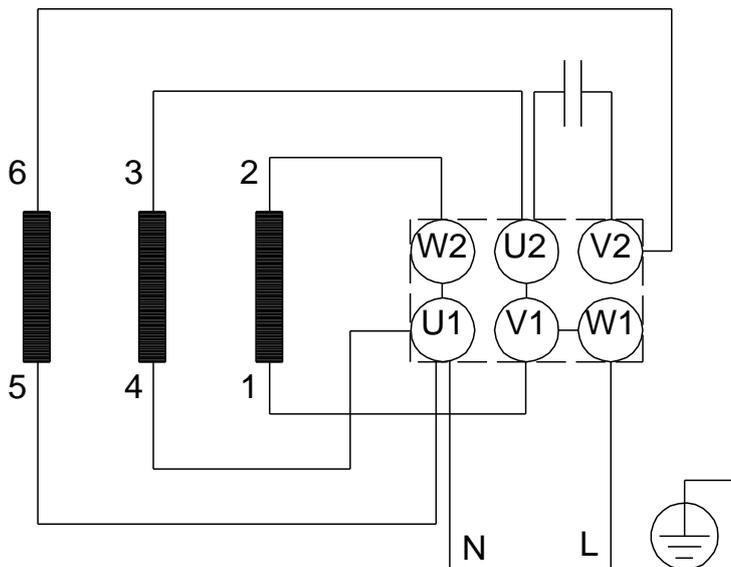
97568300 CM 3-6 A-S-G-E-AQQE B-A-A-N 60 Hz

SUITABLE FOR FIELD CONNECTION

HIGH VOLTAGE



LOW VOLTAGE



All units are [in] unless otherwise presented.