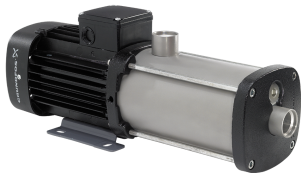


PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE:	TYPE OF SERVICE:	DATE:
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

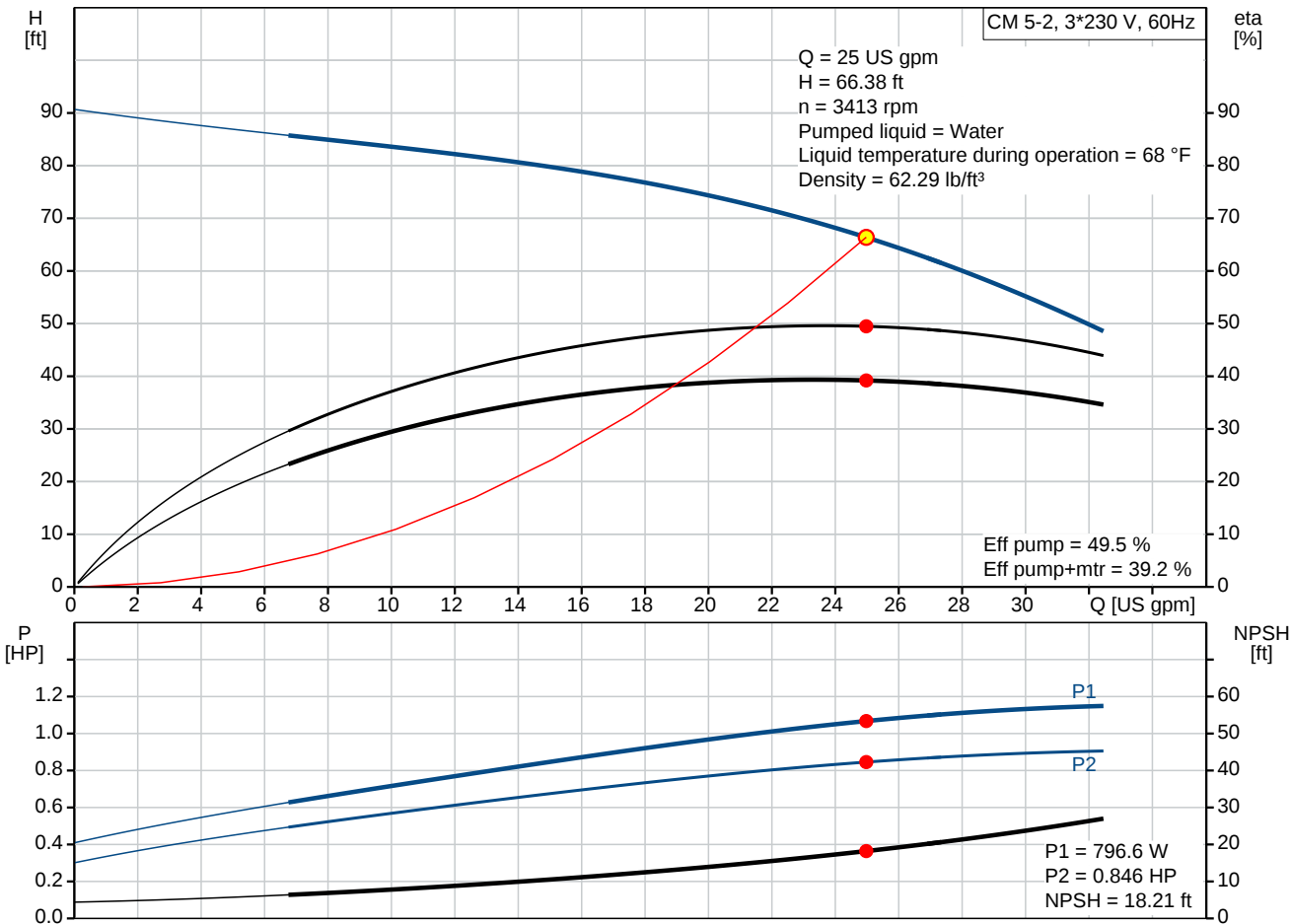
CM 5-2 A-S-I-V-AQQV E-A-A-N

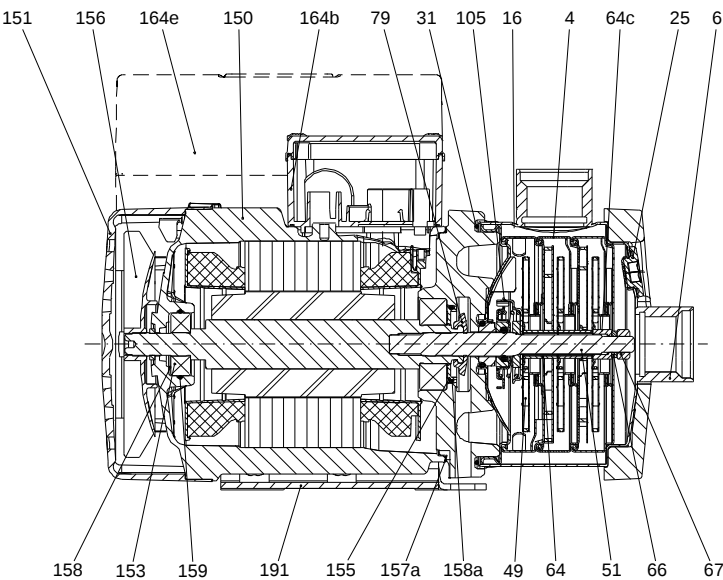
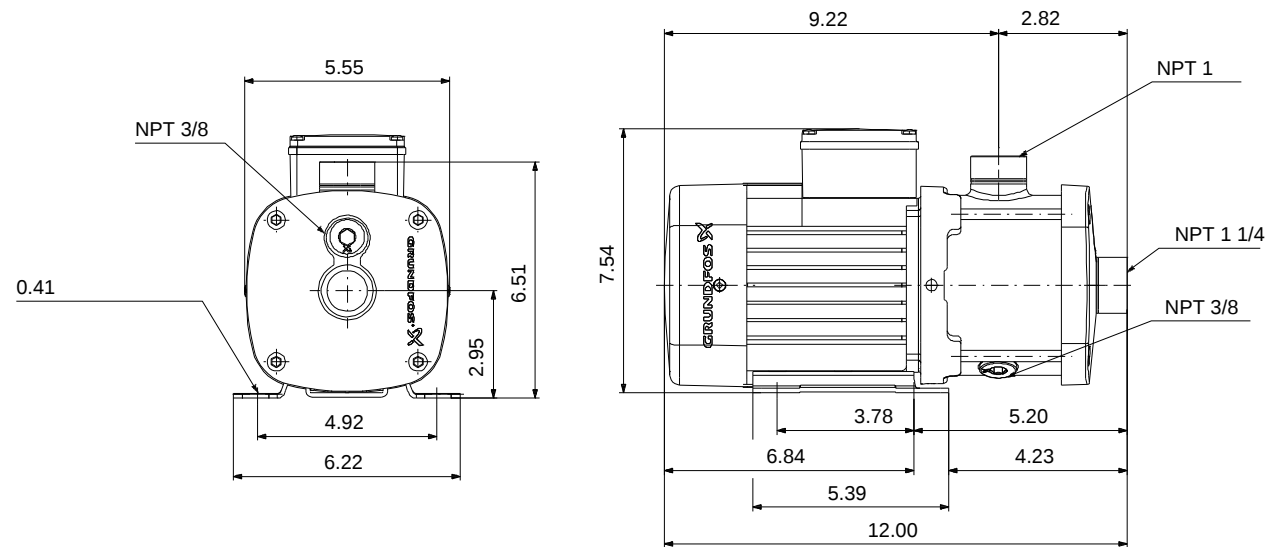


CM are reliable, quiet and compact horizontal end-suction pumps. The modular pump design makes it easy to make customised solutions. The CM pumps are available in cast iron and stainless steel

Product photo could vary from the actual product

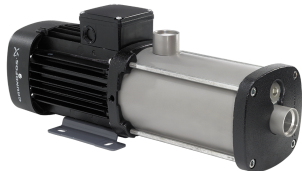
Conditions of Service		Pump Data		Motor Data	
Flow:	25 US gpm	Max pressure at stated temperature:	232 psi / 194 °F	Main frequency:	60 Hz
Head:	66.38 ft	Liquid temperature range:	-4 .. 248 °F	Enclosure class:	IP55
Efficiency:	39.2 %	Maximum ambient temperature:	131 °F		
Liquid:	Water	Shaft seal:	AQQV		
Temperature:	68 °F	Product number:	97568445		
NPSH required:	18.21 ft				
Viscosity:					
Specific Gravity:	1.000				





Materials:
Pump housing: Stainless steel
AISI 304
Impeller: Stainless steel
AISI 304
EN 1.4301
Material code: I
Code for rubber: V

165x100

Count	Description
1	CM 5-2 A-S-I-V-AQQV E-A-A-N  Product photo could vary from the actual product Product No.: 97568445 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 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: 25 US gpm Rated flow: 24.8 US gpm Resulting head of the pump: 66.38 ft Rated head: 70.11 ft Code for shaft seal: AQQV Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Stainless steel EN 1.4301 AISI 304 Impeller: Stainless steel EN 1.4301 AISI 304 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 1/4 inch Size of outlet port: 1 inch Outlet position: 12 Electrical data: Motor standard: NEMA Frame size: 71B Rated power - P2: 0.992 HP Main frequency: 60 Hz



Company name:

Created by:

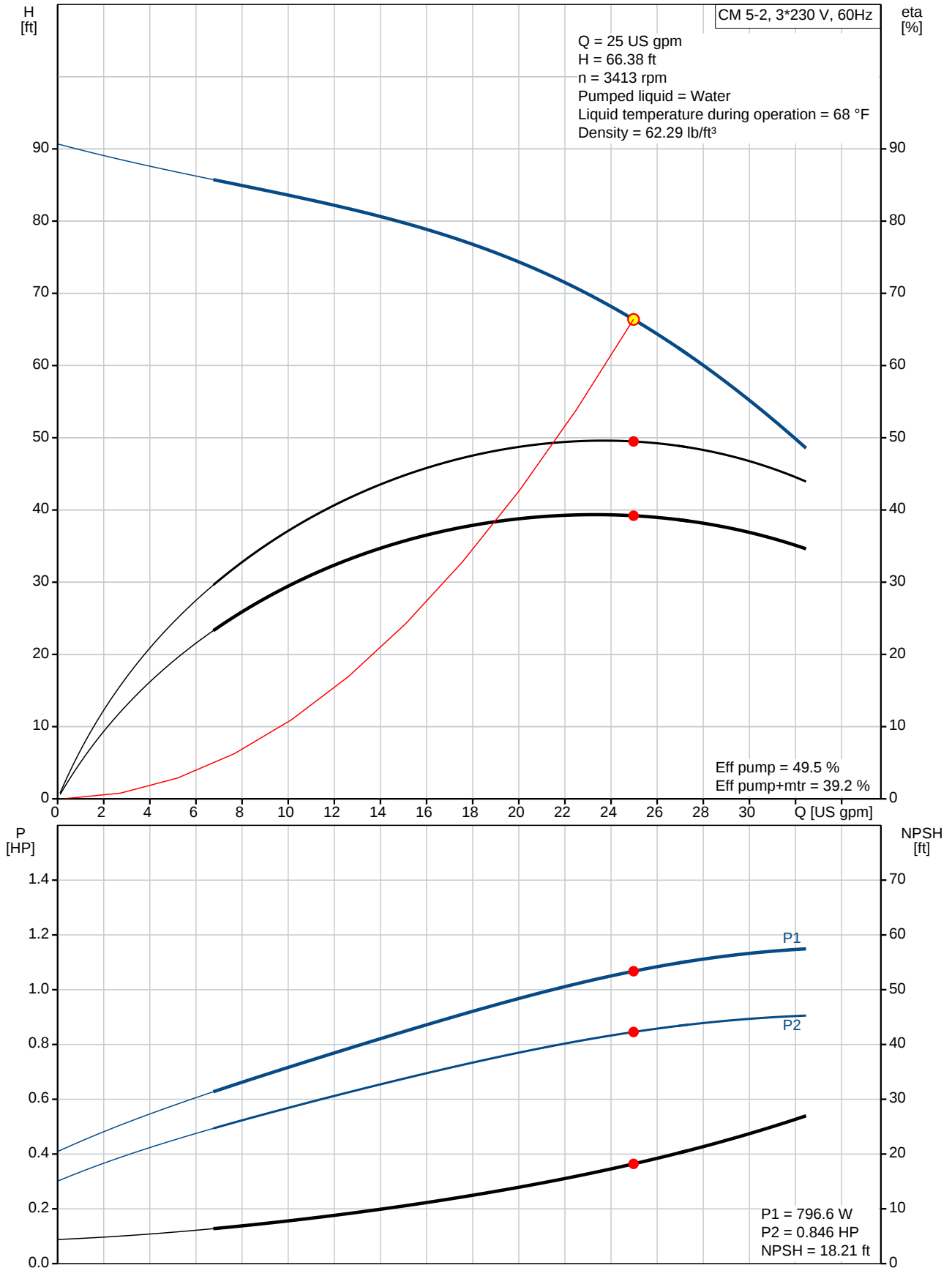
Phone:

Date:

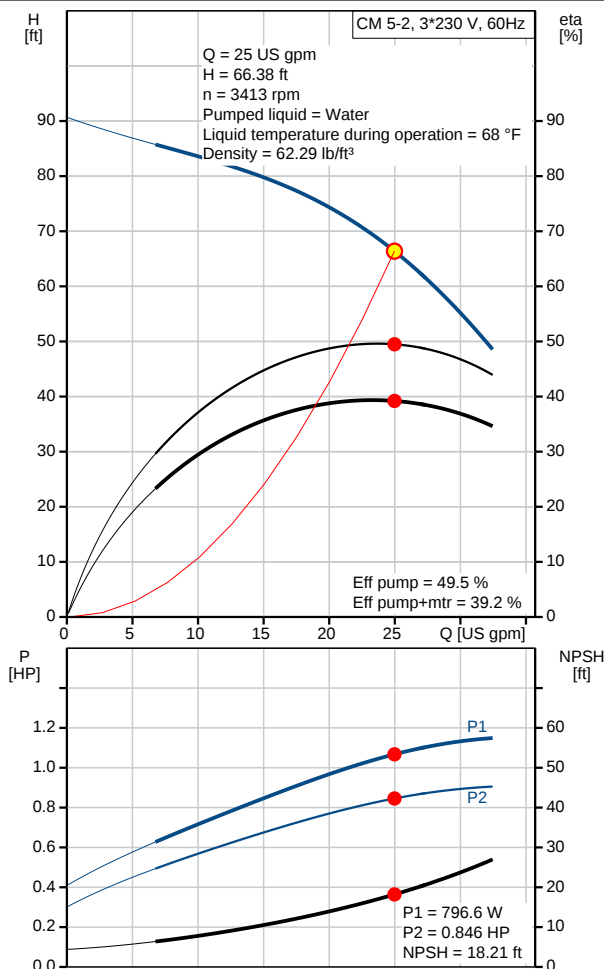
3/27/2020

Count	Description
	Suitable for 50/60 Hz: N Phase: 3 Rated voltage: 208-230YY/440-480Y V Service factor: 1.00 Rated current: 3,4-3,6/1,7-1,8 A Rated speed: 3220-3370 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: 27.1 lb Gross weight: 32.7 lb Approvals: CE,CULUS,WRAS,ACS,TR,EAC,CURUS Country of origin: US Custom tariff no.: 8413.70.2040

97568445 CM 5-2 A-S-I-V-AQQV E-A-A-N 60 Hz



Description	Value
General information:	
Product name:	CM 5-2 A-S-I-V-AQQV E-A-A-N
Product No.:	97568445
EAN:	5700318670067
	5700318670067
Technical:	
Pump speed on which pump data are based:	3480 rpm
Actual calculated flow:	25 US gpm
Rated flow:	24.8 US gpm
Resulting head of the pump:	66.38 ft
Rated head:	70.11 ft
Impellers:	2
Code for shaft seal:	AQQV
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Stainless steel
	EN 1.4301
	AISI 304
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Material code:	I
Code for rubber:	V
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 1/4 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:	71B
Rated power - P2:	0.992 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:	3,4-3,6/1,7-1,8 A
Rated speed:	3220-3370 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Controls:	
Frequency converter:	NONE





Company name:

Created by:

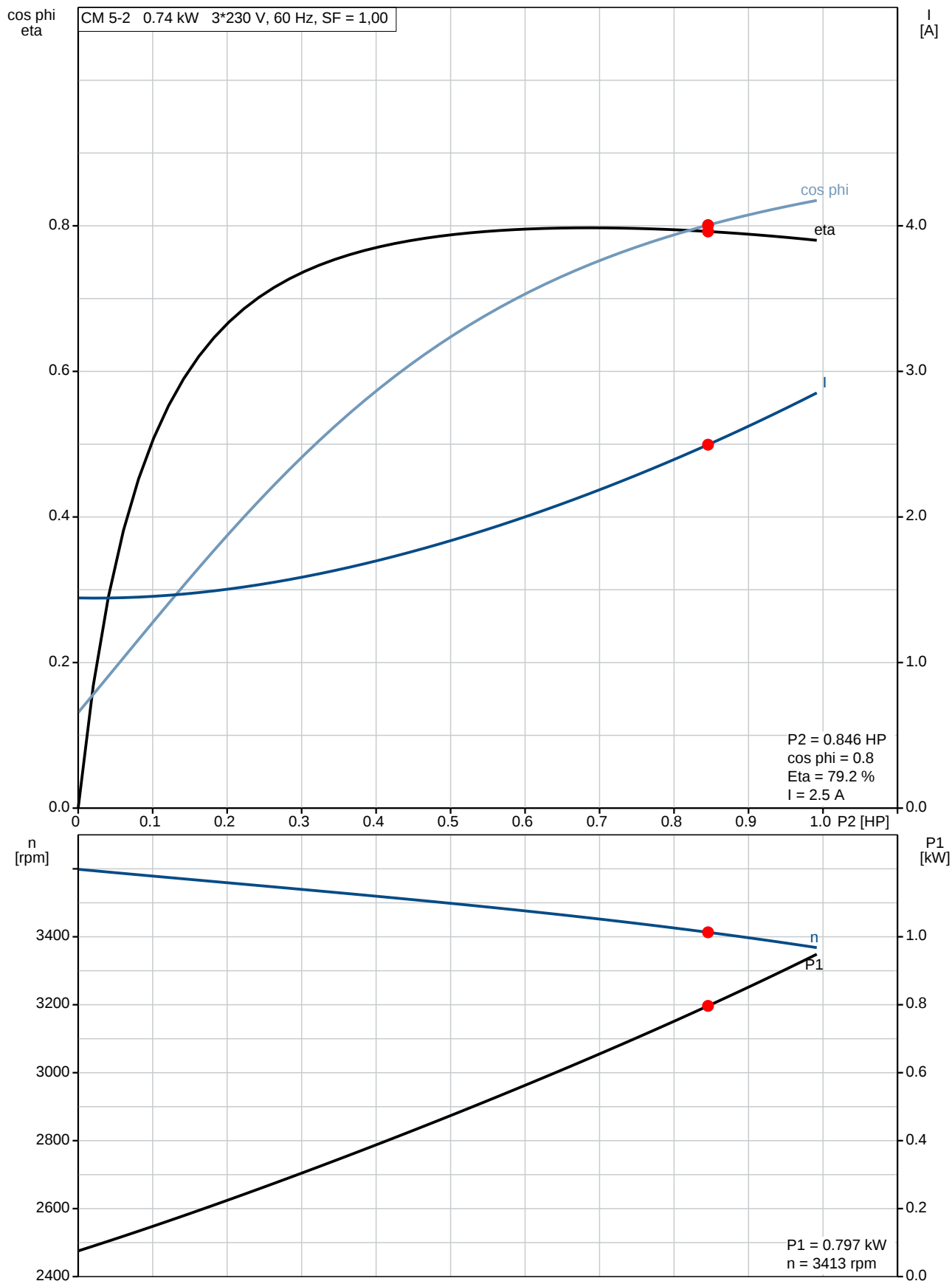
Phone:

Date:

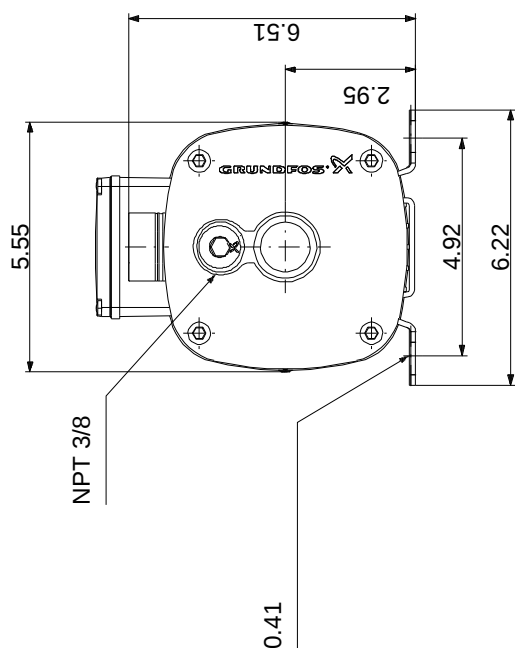
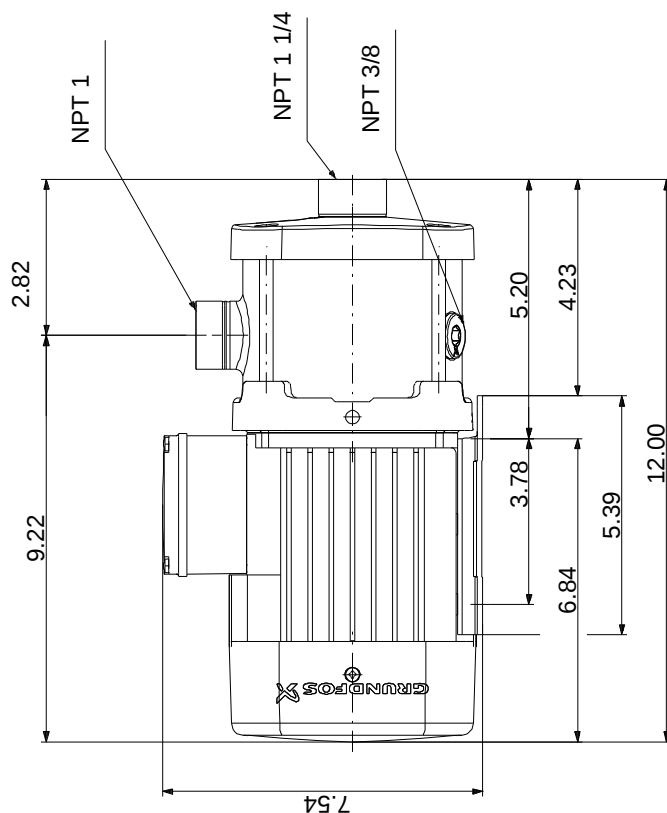
3/27/2020

Description	Value
Others:	
Terminal box position:	12
Minimum efficiency index, MEI â%¥:	0.7
Net weight:	27.1 lb
Gross weight:	32.7 lb
Approvals:	CE,CULUS,WRAS,ACS,TR,EA C,CURUS
Country of origin:	US
Custom tariff no.:	8413.70.2040

97568445 CM 5-2 A-S-I-V-AQQV E-A-A-N 60 Hz



97568445 CM 5-2 A-S-I-V-AQQV E-A-A-N 60 Hz



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

97568445 CM 5-2 A-S-I-V-AQQV E-A-A-N 60 Hz

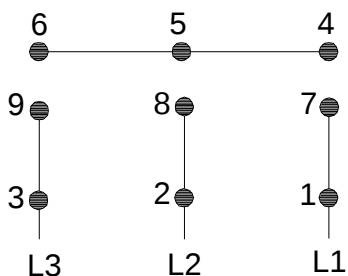


WARNING

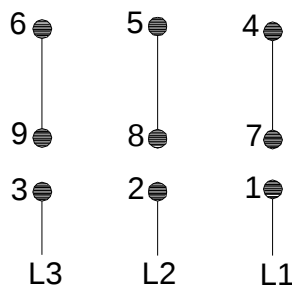
MOTOR MUST BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES BY TRAINED PERSONNEL TO PREVENT SERIOUS ELECTRICAL SHOCKS.

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

LOW VOLTAGE 60Hz. 208-230V



HIGH VOLTAGE 60Hz: 460V 50Hz: 400V



96553852

INTERCHANGE ANY TWO LINE
WIRES TO REVERSE ROTATION

THERMOSTAT LEADS

(WHEN PROVIDED)

—● J

—● J