

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

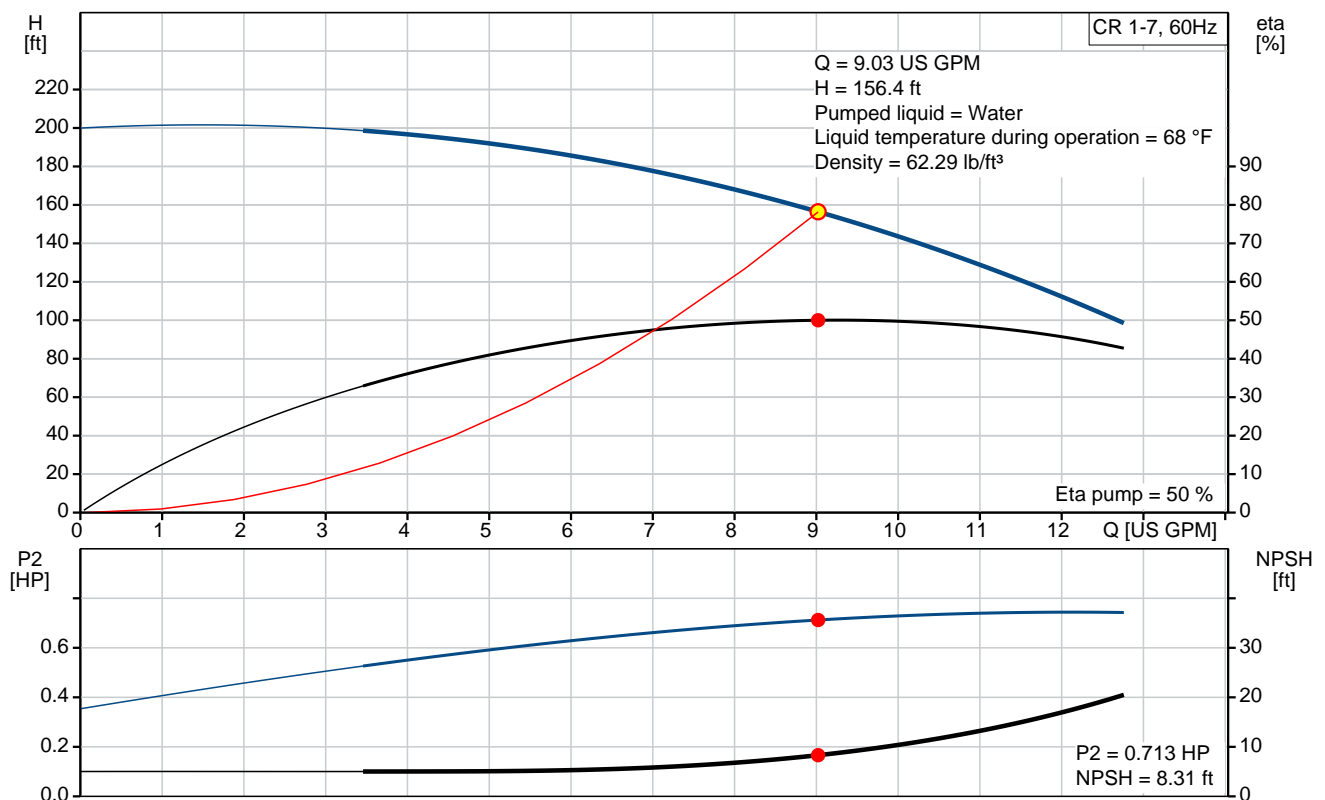


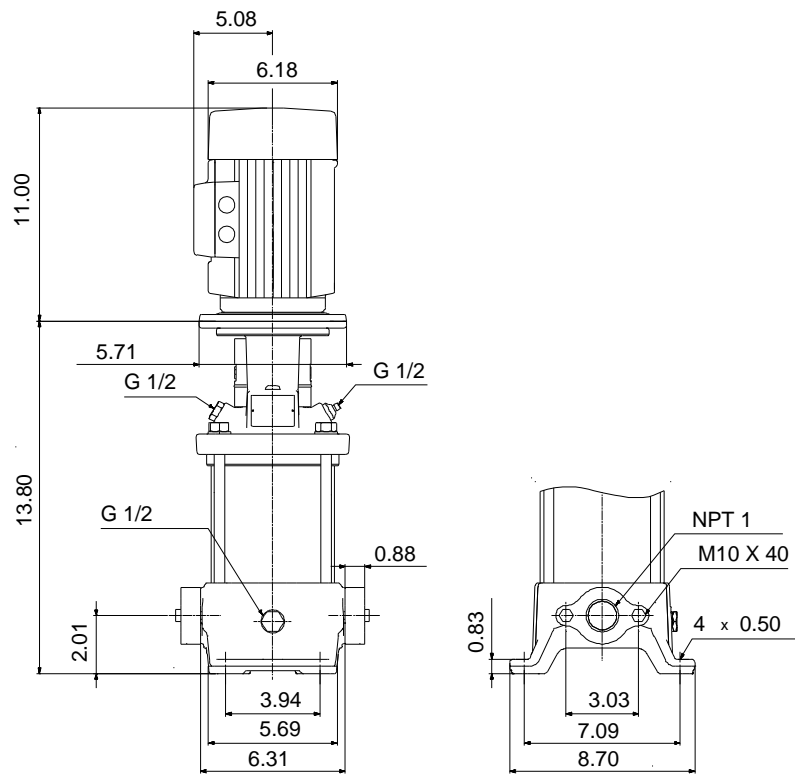
CR 1-7 A-B-A-E-HQQE

Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron - all other wetted parts are in stainless steel (EN 1.4301)

Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Flow:	9.03 US GPM	Max pressure at stated temp:	232 psi / 250 °F	Rated power - P2:	0.75 HP
Head:	156.4 ft	Liquid temperature range:	-4 .. 248 °F	Rated voltage:	115/208-230 V
Efficiency:	_____	Maximum ambient temperature:	104 °F	Mains frequency:	60 Hz
Liquid:	Water	Approvals:	CURUS, NSF61	Enclosure class:	IP54
Temperature:	68 °F	Shaft seal:	HQQE	Insulation class:	B
NPSH required:	8.31 ft	Product number:	96081975	Motor protection:	NONE
Viscosity:	_____			Motor type:	BALDOR
Specific Gravity:	1.000				





Materials:

Base:	Cast iron EN 1561 EN-GJL-200 ASTM A48-25B
Impeller:	Stainless steel AISI 304 EN 1.4301
Material code:	A
Code for rubber:	E

Qty.	Description																																												
1	<p>CR 1-7 A-B-A-E-HQQE</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: 96081975</p> <p>Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via oval flanges with internal NPT threads.</p> <p>The pump is fitted with a 1-phase, fan-cooled asynchronous motor.</p> <p>Liquid:</p> <table> <tr> <td>Pumped liquid:</td><td>Water</td></tr> <tr> <td>Liquid temperature range:</td><td>-4 .. 248 °F</td></tr> <tr> <td>Selected liquid temperature:</td><td>68 °F</td></tr> <tr> <td>Density:</td><td>62.29 lb/ft³</td></tr> </table> <p>Technical:</p> <table> <tr> <td>Pump speed on which pump data are based:</td><td>3464 rpm</td></tr> <tr> <td>Actual calculated flow:</td><td>9.03 US GPM</td></tr> <tr> <td>Resulting head of the pump:</td><td>156.4 ft</td></tr> <tr> <td>Pump orientation:</td><td>Vertical</td></tr> <tr> <td>Shaft seal arrangement:</td><td>Single</td></tr> <tr> <td>Code for shaft seal:</td><td>HQQE</td></tr> <tr> <td>Approvals on nameplate:</td><td>CURUS,NSF61</td></tr> <tr> <td>Curve tolerance:</td><td>ISO9906:2012 3B</td></tr> </table> <p>Materials:</p> <table> <tr> <td>Base:</td><td>Cast iron EN 1561 EN-GJL-200 ASTM A48-25B</td></tr> <tr> <td>Impeller:</td><td>Stainless steel EN 1.4301 AISI 304</td></tr> <tr> <td>Bearing:</td><td>SIC</td></tr> </table> <p>Installation:</p> <table> <tr> <td>Maximum ambient temperature:</td><td>104 °F</td></tr> <tr> <td>Maximum operating pressure:</td><td>232.06 psi</td></tr> <tr> <td>Max pressure at stated temp:</td><td>232 psi / 250 °F 232 psi / -4 °F</td></tr> <tr> <td>Type of connection:</td><td>Oval / NPT(F)</td></tr> <tr> <td>Size of inlet connection:</td><td>1 inch</td></tr> <tr> <td>Size of outlet connection:</td><td>1 inch</td></tr> <tr> <td>Pressure rating for connection:</td><td>PN 16</td></tr> </table>	Pumped liquid:	Water	Liquid temperature range:	-4 .. 248 °F	Selected liquid temperature:	68 °F	Density:	62.29 lb/ft³	Pump speed on which pump data are based:	3464 rpm	Actual calculated flow:	9.03 US GPM	Resulting head of the pump:	156.4 ft	Pump orientation:	Vertical	Shaft seal arrangement:	Single	Code for shaft seal:	HQQE	Approvals on nameplate:	CURUS,NSF61	Curve tolerance:	ISO9906:2012 3B	Base:	Cast iron EN 1561 EN-GJL-200 ASTM A48-25B	Impeller:	Stainless steel EN 1.4301 AISI 304	Bearing:	SIC	Maximum ambient temperature:	104 °F	Maximum operating pressure:	232.06 psi	Max pressure at stated temp:	232 psi / 250 °F 232 psi / -4 °F	Type of connection:	Oval / NPT(F)	Size of inlet connection:	1 inch	Size of outlet connection:	1 inch	Pressure rating for connection:	PN 16
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Company name:

Created by:

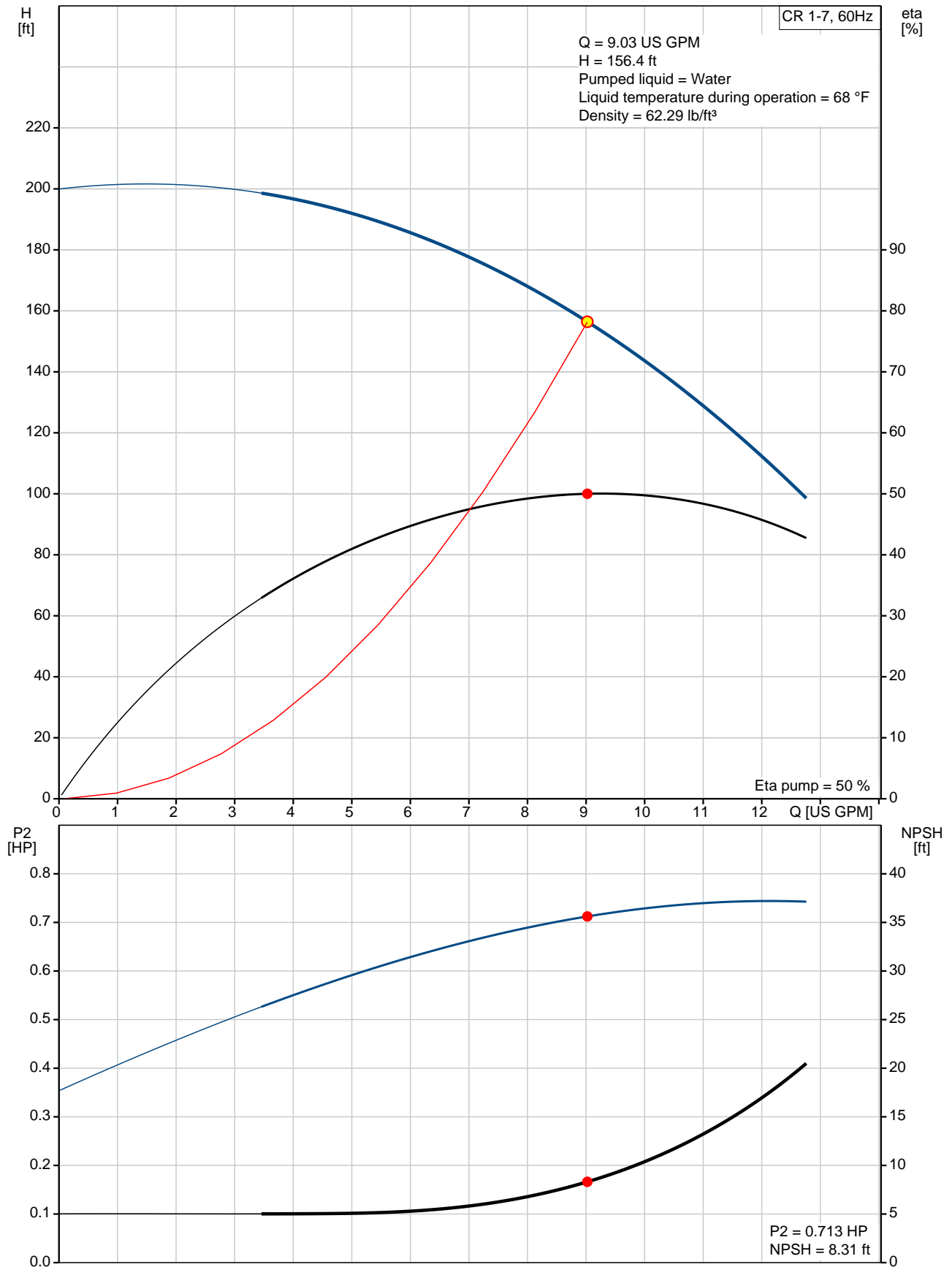
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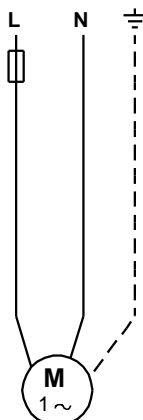
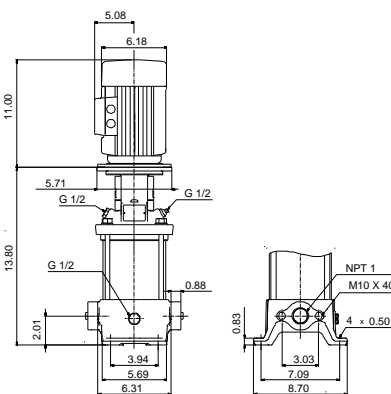
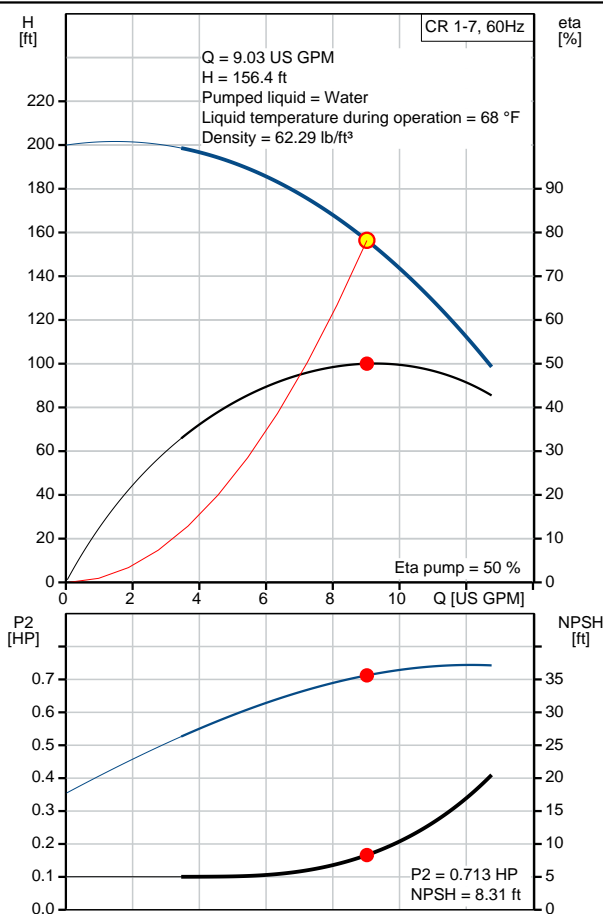
20/04/2020

Qty.	Description
	Flange size for motor: 56C
	Electrical data:
	Motor standard: NEMA
	Motor type: BALDOR
	Rated power - P2: 0.75 HP
	Power (P2) required by pump: 0.75 HP
	Mains frequency: 60 Hz
	Rated voltage: 1 x 115/208-230 V
	Service factor: 1.25
	Rated current: 9,60/5,00-4,80 A
	Rated speed: 3450 rpm
	Number of poles: 2
	Enclosure class (IEC 34-5): IP54
	Insulation class (IEC 85): B
	Motor No: 84Z04001
	Controls:
	Frequency converter: NONE
	Others:
	Net weight: 59.1 lb
	Gross weight: 70.1 lb
	Shipping volume: 6.11 ft³
	Country of origin: US
	Custom tariff no.: 8413.70.2040

96081975 CR 1-7 A-B-A-E-HQQE 60 Hz



Description	Value
General information:	
Product name:	CR 1-7 A-B-A-E-HQQE
Product No:	96081975
EAN number:	5700395167139 5700395167139
Technical:	
Pump speed on which pump data are based:	3464 rpm
Actual calculated flow:	9.03 US GPM
Resulting head of the pump:	156.4 ft
Maximum head:	199.8 ft
Stages:	7
Impellers:	7
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals on nameplate:	CURUS, NSF61
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Cooling:	TEFC
Materials:	
Base:	Cast iron EN 1561 EN-GJL-200 ASTM A48-25B
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
Installation:	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	232.06 psi
Max pressure at stated temp:	232 psi / 250 °F 232 psi / -4 °F
Type of connection:	Oval / NPT(F)
Size of inlet connection:	1 inch
Size of outlet connection:	1 inch
Pressure rating for connection:	PN 16
Flange size for motor:	56C
Connect code:	B
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
Motor type:	BALDOR
Rated power - P2:	0.75 HP
Power (P2) required by pump:	0.75 HP
Mains frequency:	60 Hz
Rated voltage:	1 x 115/208-230 V
Service factor:	1.25
Rated current:	9,60/5,00-4,80 A





Company name:

Created by:

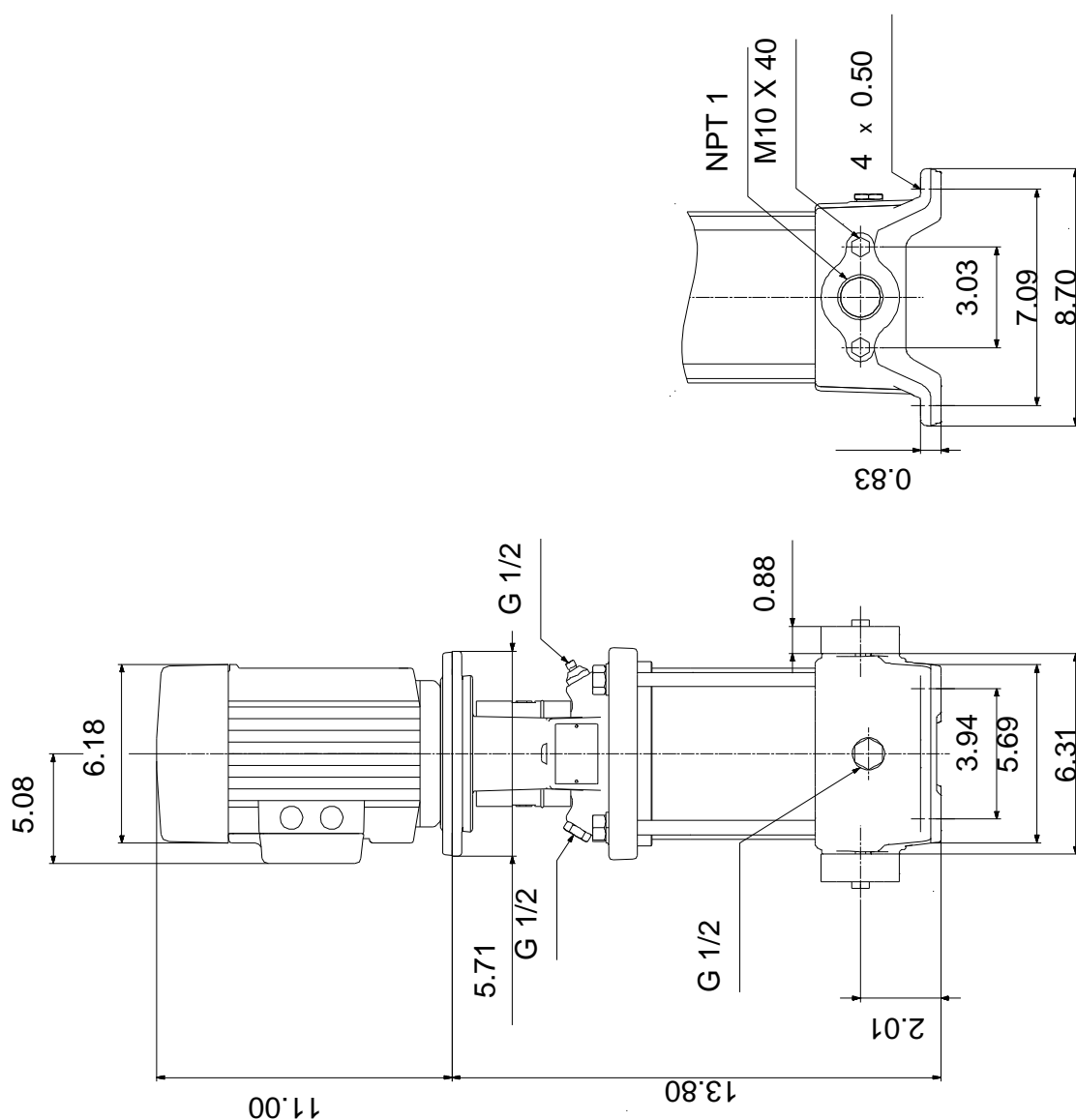
Phone:

Date:

20/04/2020

Description	Value
Load current:	11.4/6.0-5.7 A
Rated speed:	3450 rpm
Number of poles:	2
Enclosure class (IEC 34-5):	IP54
Insulation class (IEC 85):	B
Motor protec:	NONE
Motor No:	84Z04001
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	59.1 lb
Gross weight:	70.1 lb
Shipping volume:	6.11 ft ³
Country of origin:	US
Custom tariff no.:	8413.70.2040

96081975 CR 1-7 A-B-A-E-HQQE 60 Hz



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

Disclaimer: This simplified dimensional drawing does not show all details.

96081975 CR 1-7 A-B-A-E-HQQE 60 Hz



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