

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

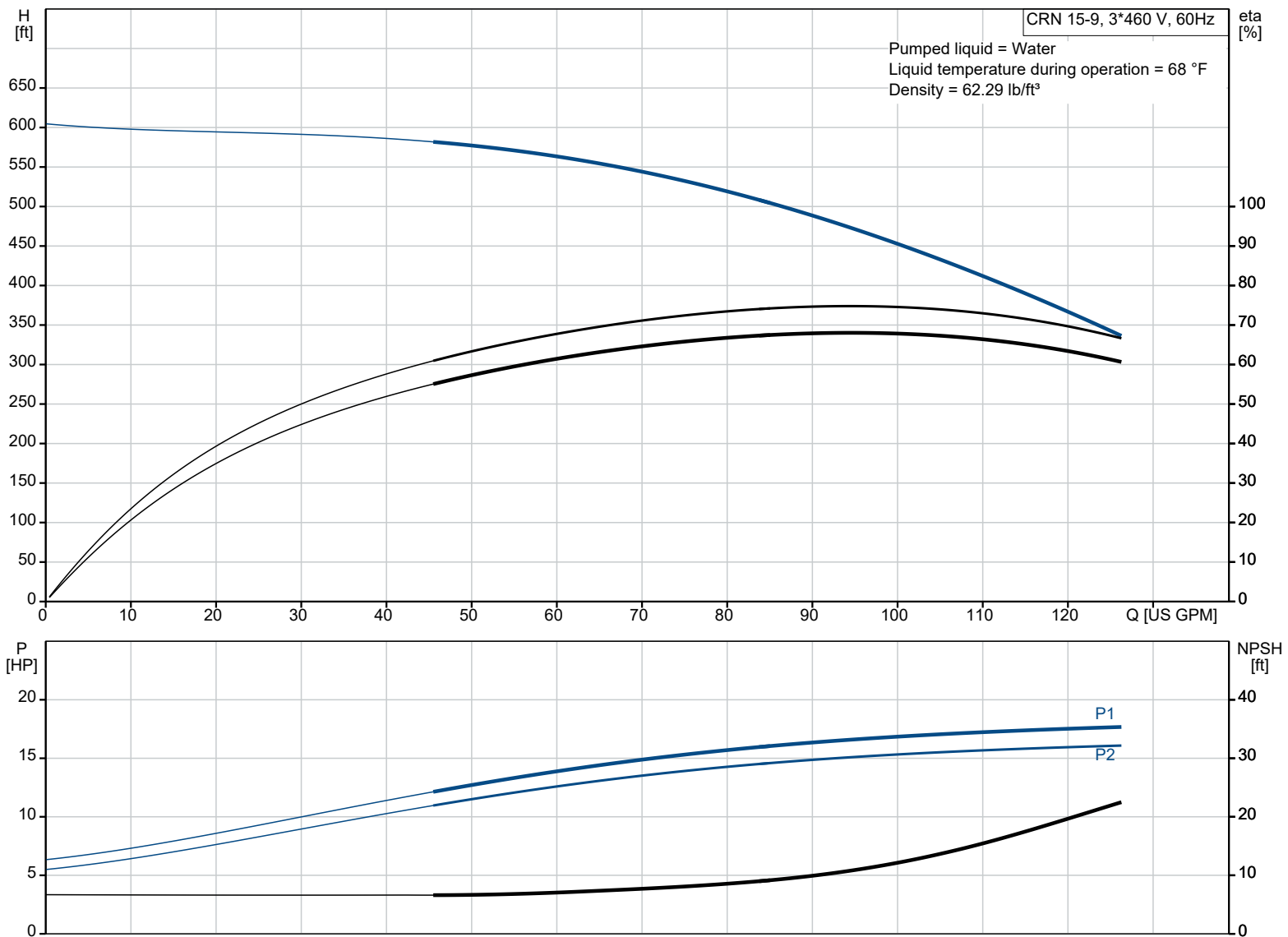


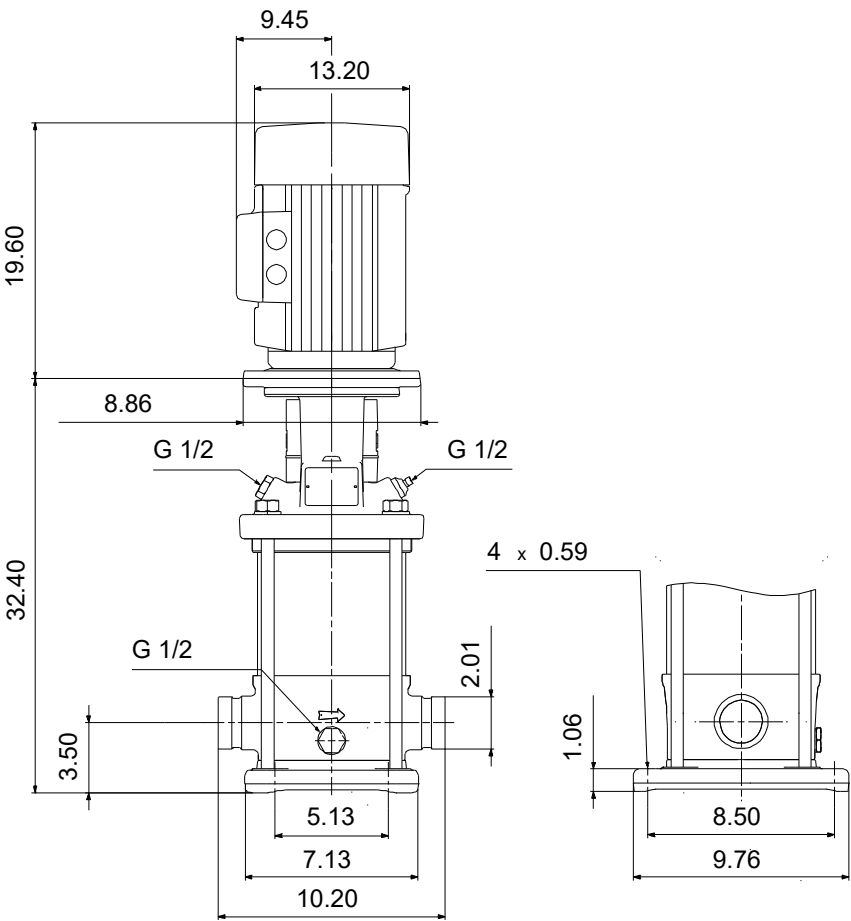
CRN 15-9 A-P-A-V-HQQV

Vertical, multistage centrifugal pump with suction and discharge ports on the same level. Pump materials in contact with the liquid are in high-grade stainless steel (EN 1.4401)

Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid:	Water	Max pressure at stated temp:	363 psi / 194 °F	Rated power - P2:	20 HP
Temperature:	68 °F	Liquid temperature range:	-4 .. 194 °F	Rated voltage:	208-230DD/460D V
Specific Gravity:	1.000	Maximum ambient temperature:	104 °F	Mains frequency:	60 Hz
		Shaft seal:	HQQV	Enclosure class:	IP55
		Product number:	99917636	Insulation class:	F
				Motor protection:	NONE
				Motor type:	WEG
				Eta 1/1:	91 %





Materials:

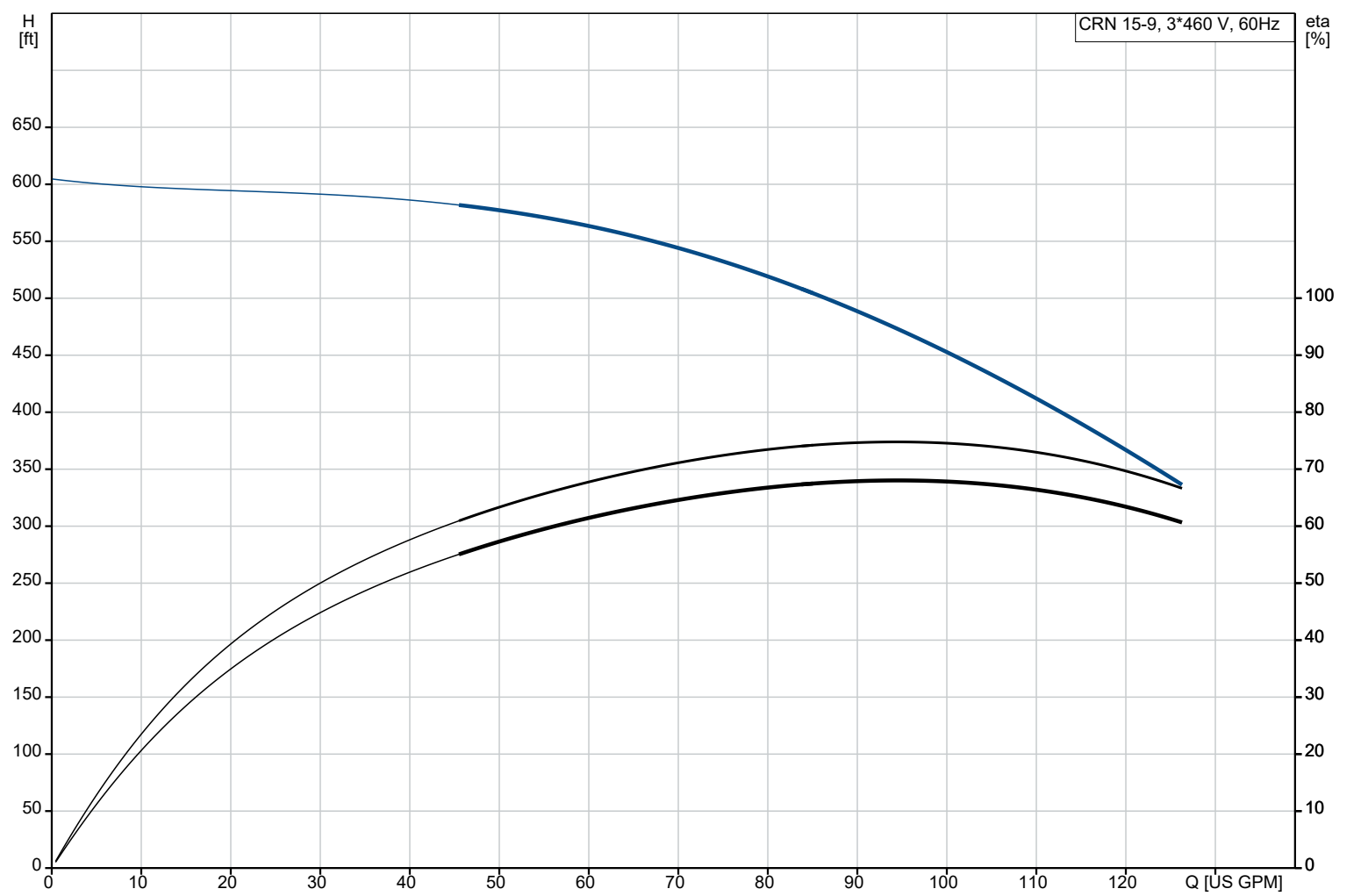
Base:	Stainless steel
Base:	EN 1.4408
Base:	AISI 316
Impeller:	Stainless steel
Impeller:	AISI 316
Impeller:	EN 1.4401
Material code:	A
Code for rubber:	V



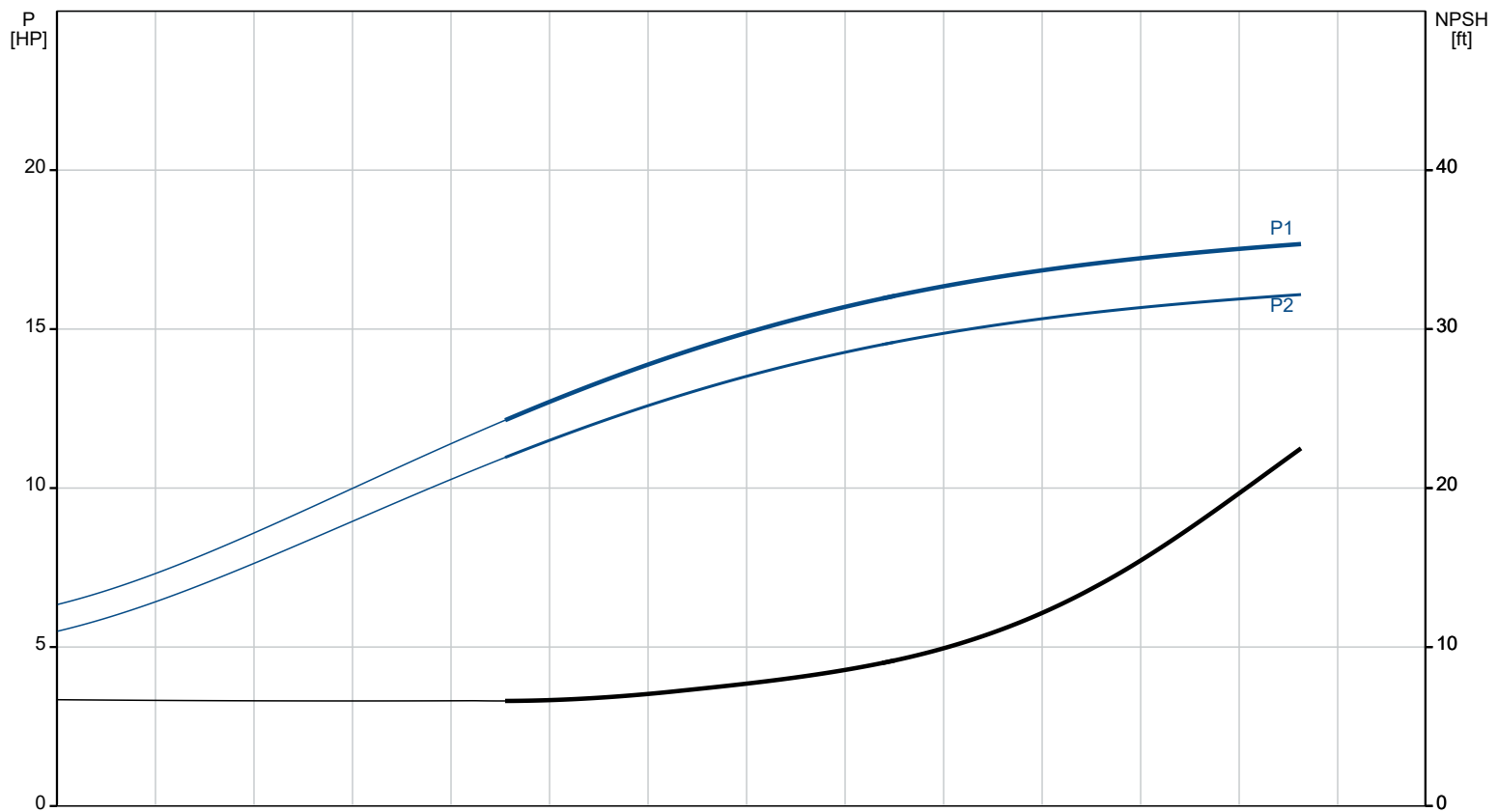
Company name:
Created by:
Phone:

Date: 13/12/2022

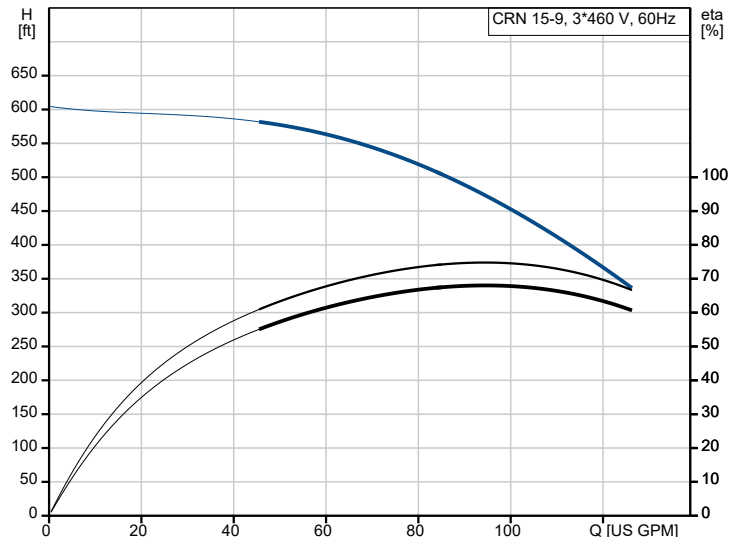
99917636 CRN 15-9 A-P-A-V-HQQV 60 Hz



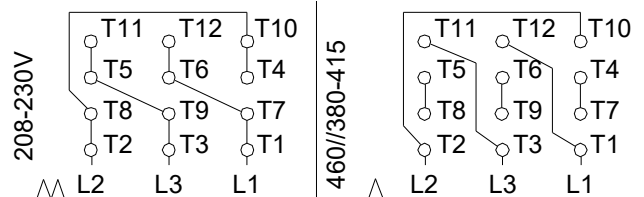
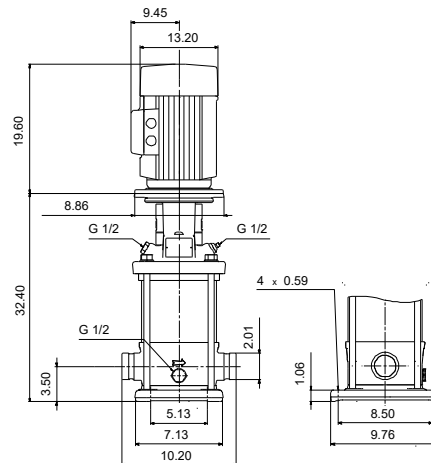
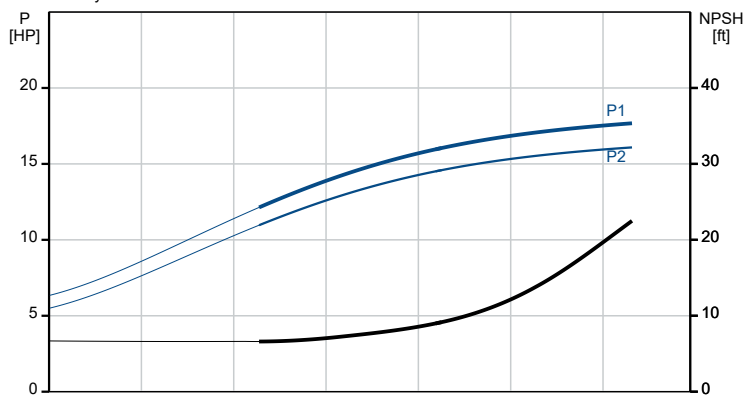
Pumped liquid = Water
Liquid temperature during operation = 68 °F
Density = 62.29 lb/ft³



Description	Value
General information:	
Product name:	CRN 15-9 A-P-A-V-HQQV
Product No:	99917636
EAN number:	5715114124461
Technical:	
Pump speed on which pump data are based:	3444 rpm
Rated flow:	90.3 US GPM
Rated head:	453.1 ft
Maximum head:	590.6 ft
Actual impeller diameter:	4.13 in
Stages:	9
Impellers:	9
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals:	CURUS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Cooling:	IC 411
Materials:	
Base:	Stainless steel
Base:	EN 1.4408
Base:	AISI 316
Impeller:	Stainless steel
Impeller:	EN 1.4401
Impeller:	AISI 316
Material code:	A
Code for rubber:	V
Bearing:	SIC
Installation:	
Max. ambient temperature:	104 °F
Maximum operating pressure:	362.59 psi
Max pressure at stated temp:	363 psi / 194 °F
Max pressure at stated temp:	363 psi / -4 °F
Type of connection:	PJE
Size of inlet connection:	DN 50
Size of outlet connection:	DN 50
Pressure rating for connection:	PN 50
Flange size for motor:	254TC
Connect code:	P
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 194 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor standard:	NEMA
Motor type:	WEG
IE Efficiency class:	IE3 / NEMA Premium
Rated power - P2:	20 HP
Power (P2) required by pump:	20 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230DD/460D V
Service factor:	1.15
Rated current:	50,2-45,4/22,7 A
Starting current:	660-660 %
Full load SF current:	52.2/26.1 A
Cos phi - power factor:	0.91
Rated speed:	3515 rpm
Efficiency:	IE3 91%
Motor efficiency at full load:	91 %
Motor efficiency at 3/4 load:	91 %



Pumped liquid = Water
Liquid temperature during operation = 68 °F
Density = 62.29 lb/ft³





Company name:

Created by:

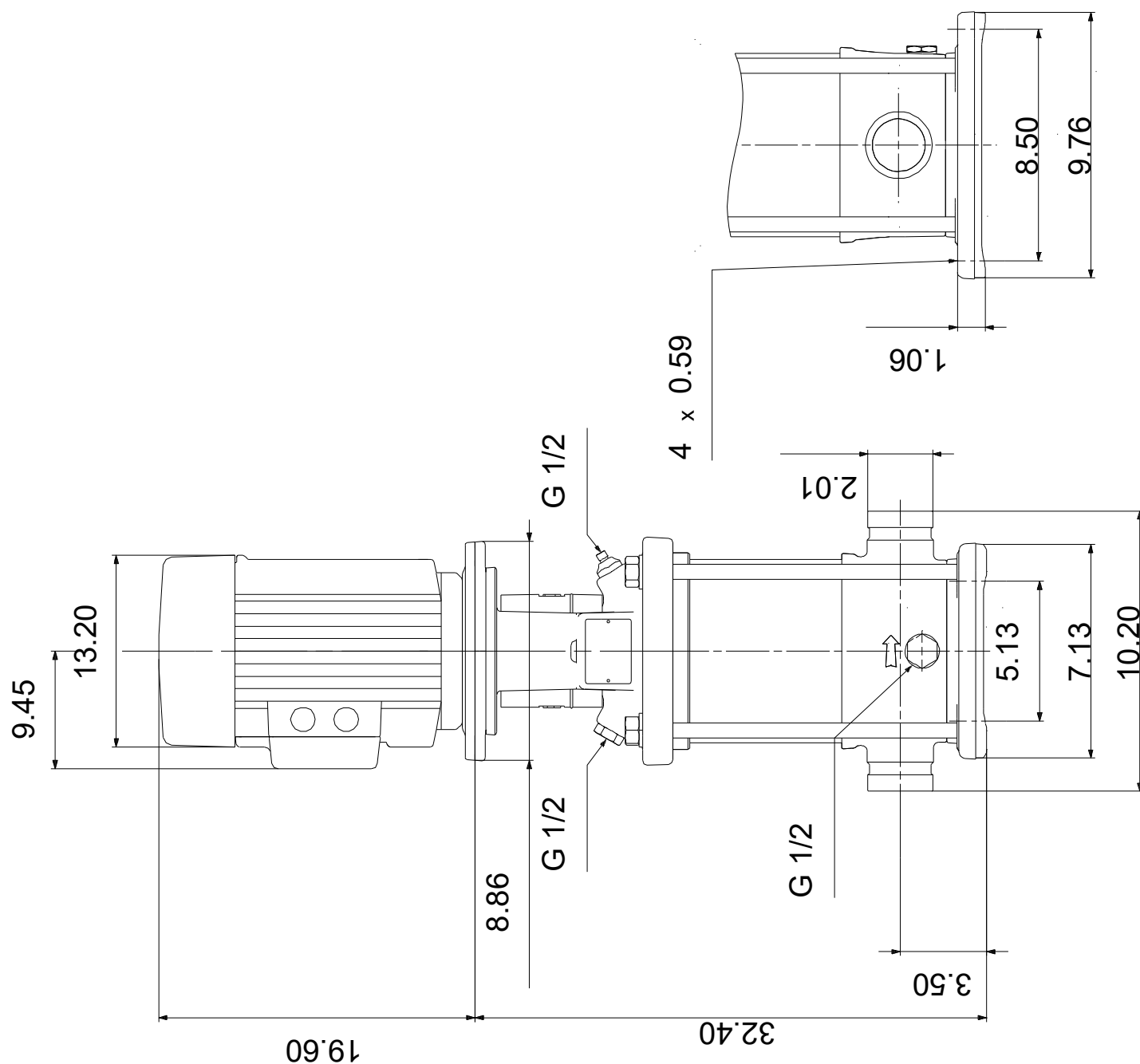
Phone:

Date:

13/12/2022

Description	Value
Motor efficiency at 1/2 load:	90 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	99883248
Controls:	
Frequency converter:	NONE
Others:	
DOE Pump Energy Index CL:	0.91
Net weight:	337 lb
Gross weight:	452 lb
Shipping volume:	17.2 ft ³

99917636 CRN 15-9 A-P-A-V-HQQV 60 Hz



**Order Data:**

Position	Your pos.	Product name	Amount	Product No	Total
		CRN 15-9	1	99917636	Price on request