

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

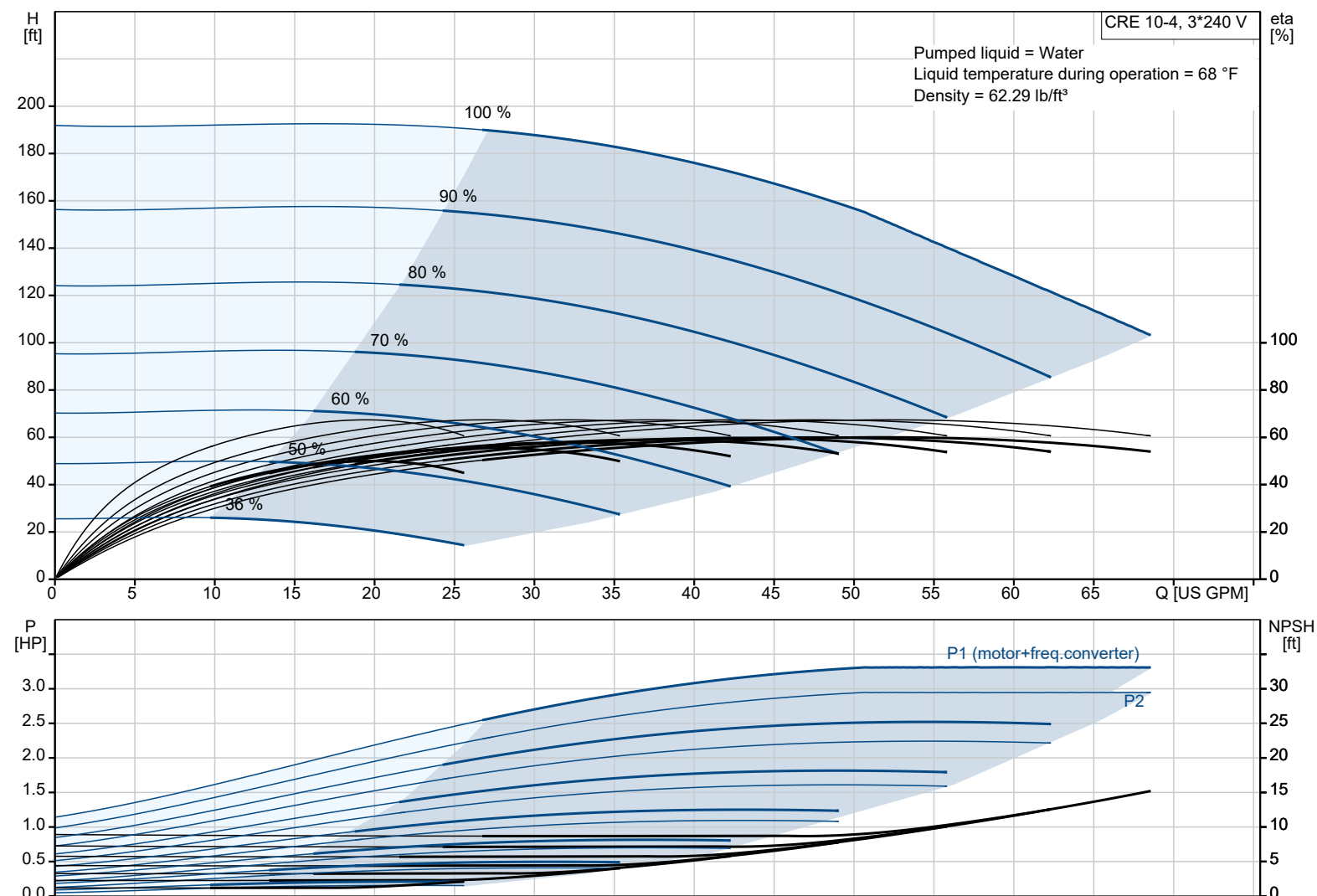


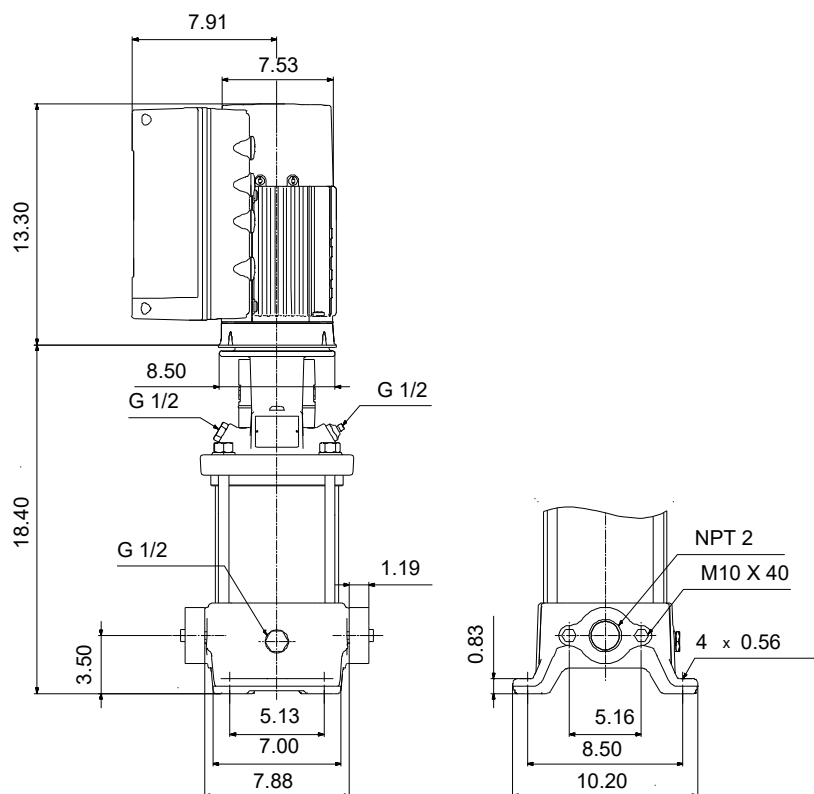
CRE 10-4 A-BN-A-E-HQQE

Vertical, multistage centrifugal pump with integrated frequency converter. 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	
Liquid:	Water	Max pressure at stated temp:	145 psi / 250 °F	Rated power - P2:	3 HP
Temperature:	68 °F	Liquid temperature range:	-4 .. 248 °F	Rated voltage:	200-240 V
Specific Gravity:	1.000	Maximum ambient temperature:	104 °F	Mains frequency:	60 Hz
		Shaft seal:	HQQE	Enclosure class:	IP55
		Product number:	99391951	Insulation class:	F
				Motor protection:	ELEC
				Motor type:	100A
				Eta 1/1:	88.7 %

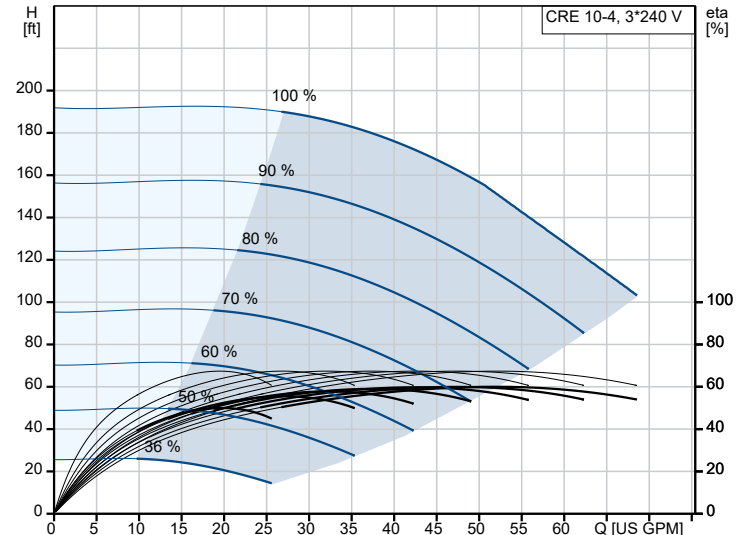




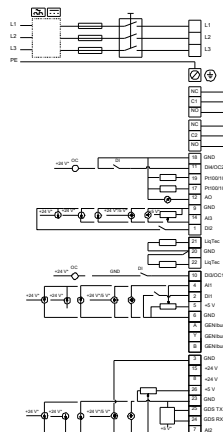
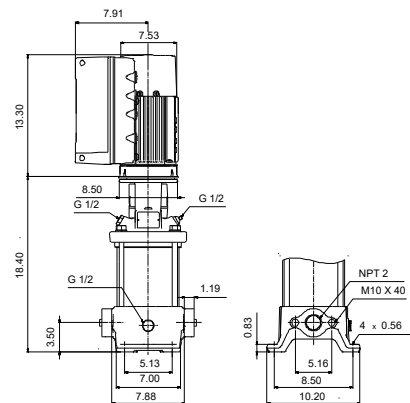
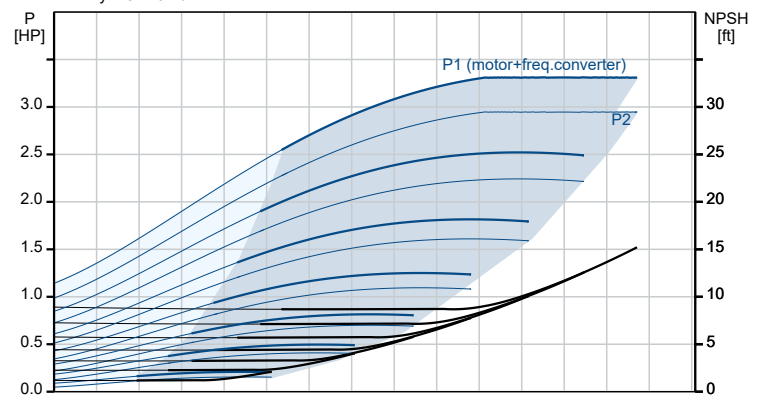
Materials:

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

Description	Value
General information:	
Product name:	CRE 10-4 A-BN-A-E-HQQE
Product No:	99391951
EAN number:	5713828367532
Technical:	
Pump speed on which pump data are based:	3473 rpm
Rated flow:	52.4 US GPM
Rated head:	150.1 ft
Maximum head:	191.9 ft
Actual impeller diameter:	3.66 in
Stages:	4
Impellers:	4
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals:	CE,CURUS
Approvals for drinking water:	NSF/ANSI 61
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Base:	Cast iron
Base:	EN 1561 EN-GJL-200
Base:	ASTM A48-25B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
Installation:	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	145.04 psi
Max pressure at stated temp:	145 psi / 250 °F
Max pressure at stated temp:	145 psi / -4 °F
Type of connection:	Oval / NPT(F)
Size of inlet connection:	2 inch
Size of outlet connection:	2 inch
Pressure rating for connection:	PN 16
Flange size for motor:	182TC
Connect code:	BN
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:	100A
Rated power - P2:	3 HP
Power (P2) required by pump:	3 HP
Over/undersize motor:	Standard motor size
Mains frequency:	60 Hz
Rated voltage:	3 x 200-240 V
Service factor:	1.15
Rated current:	7.90-6.60 A
Cos phi - power factor:	0.94
Rated speed:	360-4000 rpm
IE Efficiency class:	IE5
Motor efficiency at full load:	88.7 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	ELEC



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





Company name:
Created by:
Phone:

Date: 07/01/2025

Description	Value
Motor No:	99302693
Controls:	
Control panel:	Graphical
Function Module:	FM300 - Advanced
Frequency converter:	Built-in
Pressure sensor:	N
Others:	
Terminal box position:	6
DOE Pump Energy Index VL:	0.38
Net weight:	135 lb
Gross weight:	150 lb
Shipping volume:	8.26 ft³
Config. file no:	99303354
Country of origin:	US
Custom tariff no.:	8413.70.2040