

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

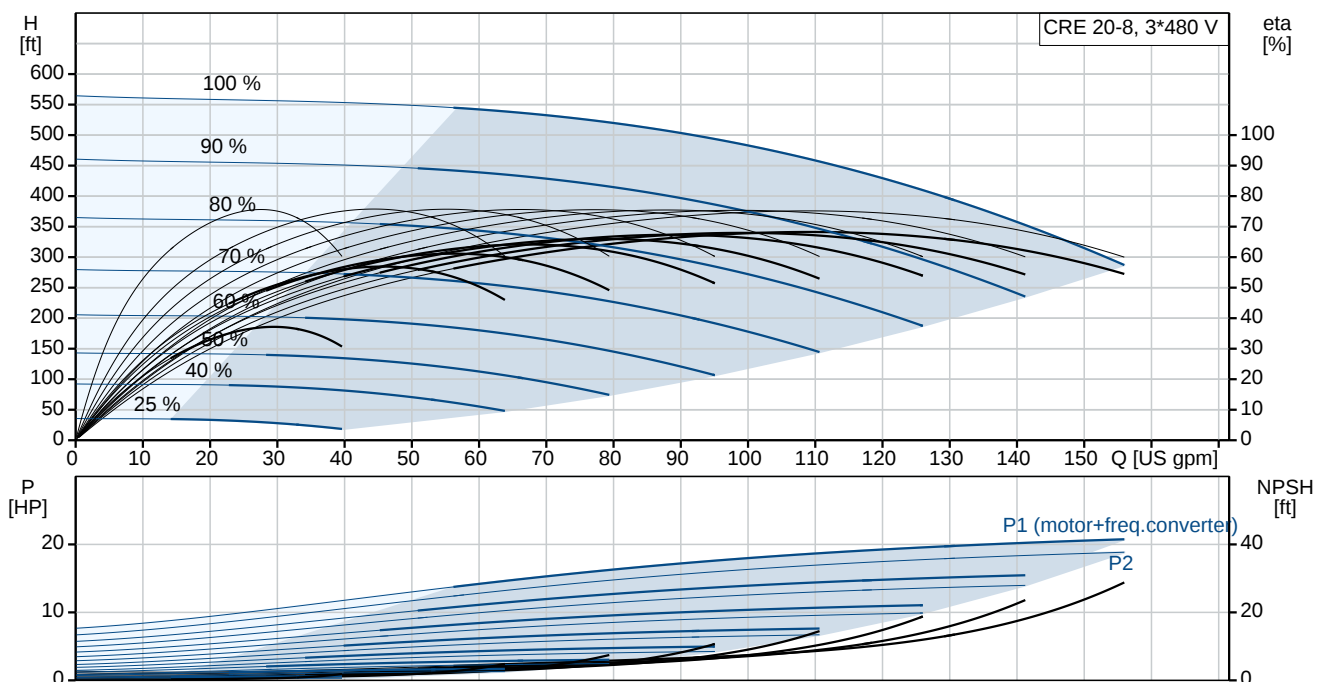


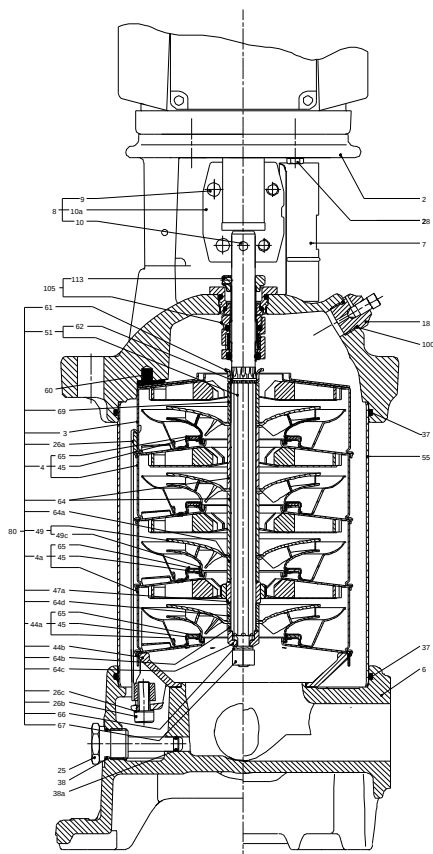
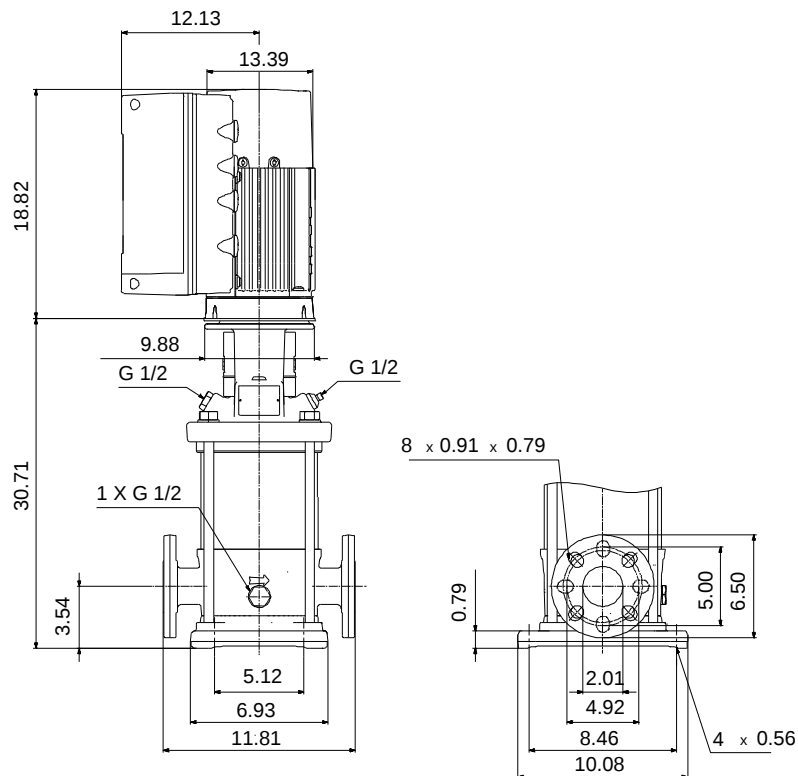
CRE 20-8 AN-GJ-A-E-HQQE

Vertical, multistage centrifugal pump with integrated frequency converter. Pump materials in contact with the liquid are in stainless steel (EN 1.4301)

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Max pressure at stated temperature: 363 psi / 250 °F	Rated power - P2: 20 HP
Head: _____	Liquid temperature range: -4 .. 248 °F	Rated voltage: 460 V
Efficiency: _____	Maximum ambient temperature: 104 °F	Main frequency: 60 Hz
Liquid: Water	Approvals: CURUS, NSF61	Enclosure class: IP55
Temperature: 68 °F	Shaft seal: HQQE	Insulation class: F
NPSH required: ft	Product number: 98183086	Motor protection: YES
Viscosity: _____		Motor type: 160AB
Specific Gravity: 1.000		Motor_efficiency: 91.0 %

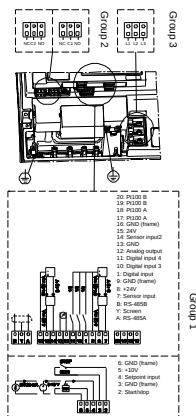
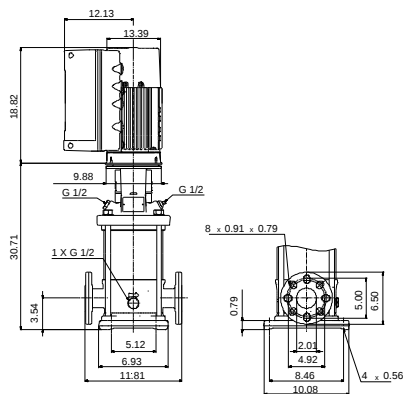
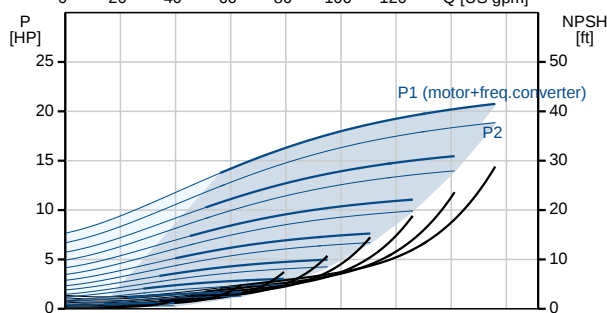
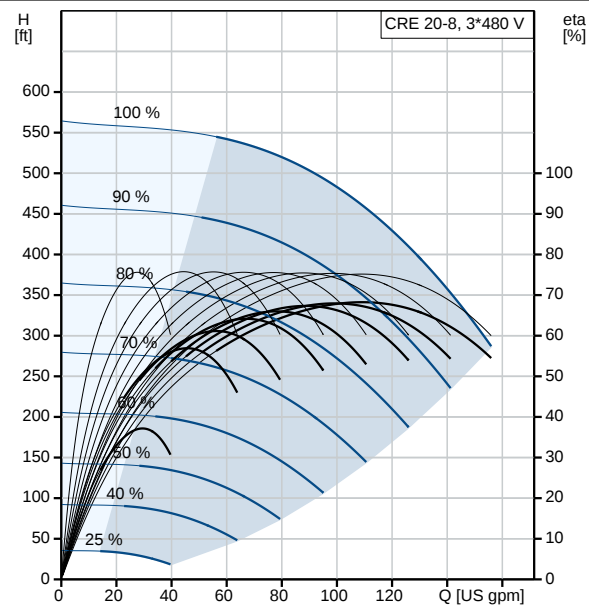




Materials:

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

Description	Value
General information:	
Product name:	CRE 20-8 AN-GJ-A-E-HQQE
Product No.:	98183086
EAN:	5711491079592
Technical:	
Rated flow:	111 US gpm
Stages:	8
Impellers:	8
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:	AN
Model:	A
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:	363 psi
Max pressure at stated temperature:	363 psi / 250 °F 363 psi / -4 °F
Type of connection:	ANSI / JIS
Connect code:	GJ
Size of inlet connection:	DN 50
Size of suction port:	2 inch
Size of outlet connection:	DN 50
Size of outlet port:	2 inch
Pressure rating for pipe connection:	PN 25
Flange rating inlet:	250 lb
Flange size for motor:	254TC
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 248 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor standard:	NEMA
Motor type:	160AB
IE Efficiency class:	NEMA Premium / IE3 60Hz
Rated power - P2:	20 HP
Power (P2) required by pump:	20 HP
Main frequency:	60 Hz
Rated voltage:	3 x 460 V
Service factor:	1.15
Rated current:	26 A
Cos phi - power factor:	0.89
Rated speed:	480-3540 rpm





Company name:

Created by:

Phone:

Date:

6/20/2018

Description	Value
IE efficiency:	IE3 91,0%
Motor efficiency at full load:	91.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	YES
Motor Number:	85901137
Controls:	
Function Module:	ADVANCED I/O
Frequency converter:	Built-in
Pressure sensor:	Y
Others:	
Net weight:	401 lb
Gross weight:	514 lb
Shipping volume:	28.4 ft³
Country of origin:	US
Custom tariff no.:	8413.70.2040