

Count	Description
1	<p data-bbox="225 342 531 365"><b>CRN 1-5A-FGJ-A-E-HQQE</b></p> <div data-bbox="360 389 466 629" style="text-align: center;">  </div> <p data-bbox="225 663 491 685">Product No.: <a href="#">96082877</a></p> <p data-bbox="225 692 748 777">Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p data-bbox="225 810 703 837">The pump has the following characteristics:</p> <ul style="list-style-type: none"> <li data-bbox="264 842 780 896">- Impellers, intermediate chambers and outer sleeve are made of</li> <li data-bbox="264 900 746 927">- Pump head cover and base are made of</li> <li data-bbox="264 931 692 985">- The shaft seal has assembly length according to EN 12756.</li> <li data-bbox="264 990 735 1075">- Power transmission is via cast iron split coupling. flanges/couplings.</li> </ul> <p data-bbox="225 1108 600 1135">The motor is a 3-phase AC motor.</p> <p data-bbox="225 1169 336 1196"><b>Controls:</b></p> <p data-bbox="225 1200 660 1227">Frequency converter:                    NONE</p> <p data-bbox="225 1261 312 1288"><b>Liquid:</b></p> <p data-bbox="225 1292 660 1319">Pumped liquid:                            Water</p> <p data-bbox="225 1323 715 1350">Liquid temperature range:            -4 .. 248 °F</p> <p data-bbox="225 1355 651 1382">Selected liquid temperature:        68 °F</p> <p data-bbox="225 1386 708 1413">Density:                                      62.29 lb/ft³</p> <p data-bbox="225 1447 349 1473"><b>Technical:</b></p> <p data-bbox="225 1478 695 1505">Rated pump speed:                        3485 rpm</p> <p data-bbox="225 1509 735 1536">Rated flow:                                 9.69 US gpm</p> <p data-bbox="225 1541 676 1568">Rated head:                                 106.3 ft</p> <p data-bbox="225 1572 676 1599">Pump orientation:                        Vertical</p> <p data-bbox="225 1603 660 1630">Shaft seal arrangement:                Single</p> <p data-bbox="225 1635 660 1662">Code for shaft seal:                      HQQE</p> <p data-bbox="225 1666 759 1693">Approvals on nameplate:                CURUS,NSF61</p> <p data-bbox="225 1697 788 1724">Curve tolerance:                         ISO9906:2012 3B</p> <p data-bbox="225 1758 344 1785"><b>Materials:</b></p> <p data-bbox="225 1789 751 1848">Base:                                         Stainless steel     EN 1.4408     AISI 316</p> <p data-bbox="225 1852 751 1937">Impeller:                                    Stainless steel     EN 1.4401     AISI 316</p> <p data-bbox="225 1942 632 1968">Bearing:                                     SIC</p> <p data-bbox="225 2002 368 2029"><b>Installation:</b></p> <p data-bbox="225 2033 663 2060">Maximum ambient temperature:        104 °F</p> <p data-bbox="225 2065 703 2092">Maximum operating pressure:         362.59 psi</p>



Company name:

Created by:

Phone:

Date:

4/25/2019

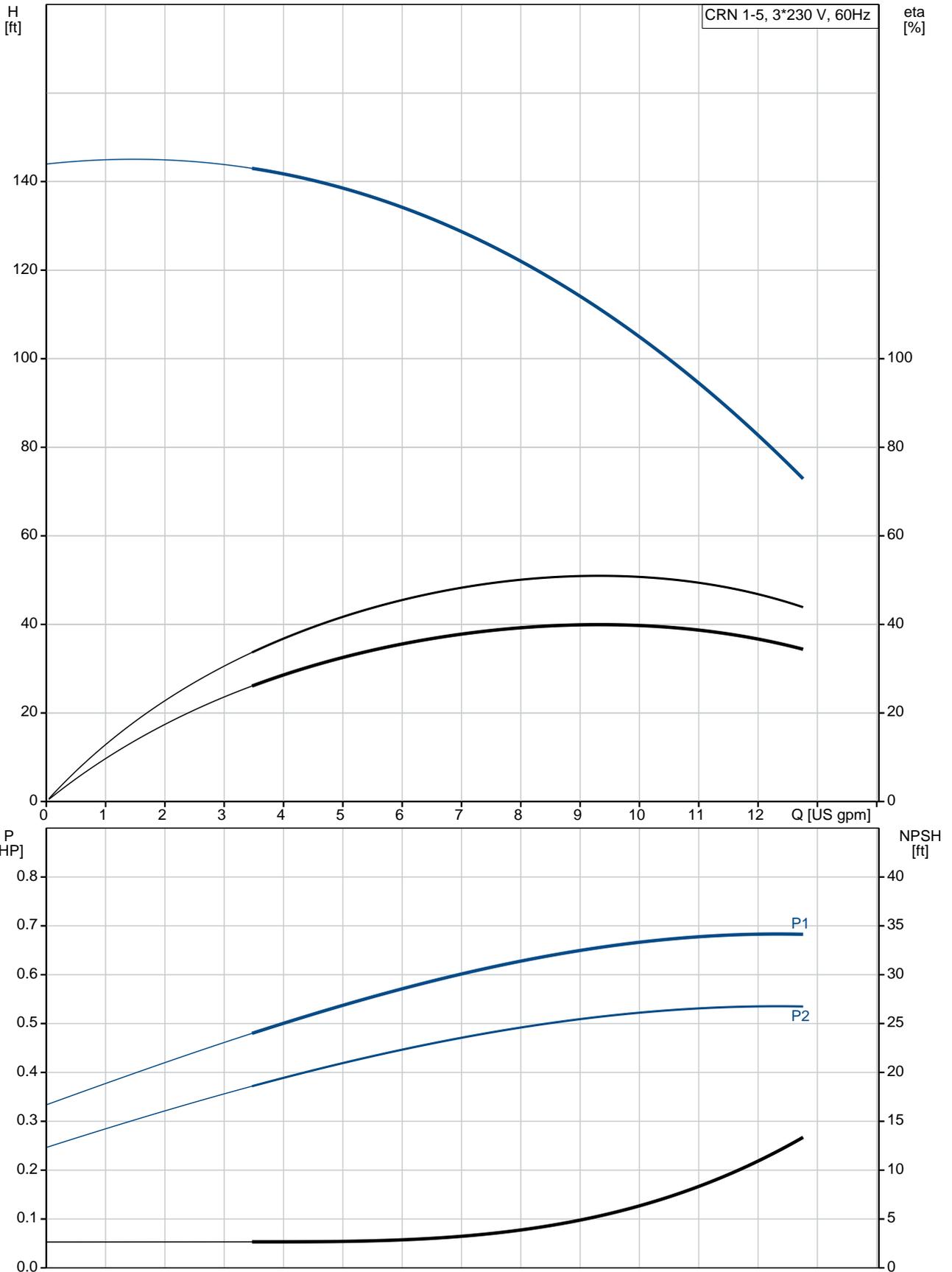
Count	Description
	Max pressure at stated temperature: 363 psi / 250 °F 363 psi / -4 °F
	Type of connection: DIN / ANSI / JIS
	Size of inlet connection: DN 25/32
	Size of suction port: 1 1/4 inch
	Size of outlet connection: DN 25/32
	Size of outlet port: 1 1/4 inch
	Pressure rating for pipe connection: PN 25
	Flange rating inlet: 300 lb
	Flange size for motor: 56C
	<b>Electrical data:</b>
	Motor standard: NEMA
	Motor type: 71AB
	Rated power - P2: 0.5 HP
	Power (P2) required by pump: 0.5 HP
	Main frequency: 60 Hz
	Rated voltage: 3 x 208-230YY/460Y V
	Service factor: 1.25
	Rated current: 1,64-1,55/0,78 A
	Starting current: 590-650 %
	Cos phi - power factor: 0.84-0.78
	Rated speed: 3430-3460 rpm
	Motor efficiency at full load: 78.5 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor Number: 85900701
	<b>Others:</b>
	Net weight: 52.6 lb
	Gross weight: 63.6 lb
	Shipping volume: 4.94 ft³
	Country of origin: US
	Custom tariff no.: 8413.70.2040



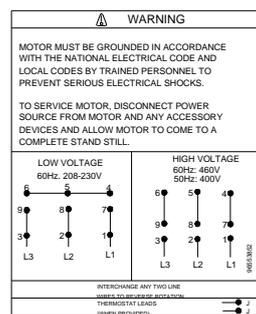
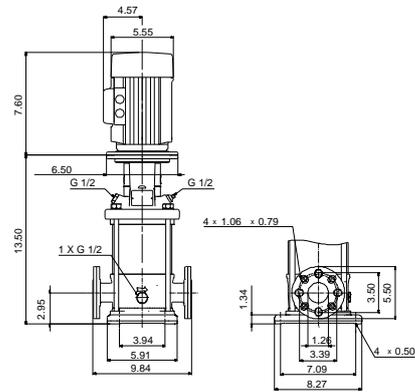
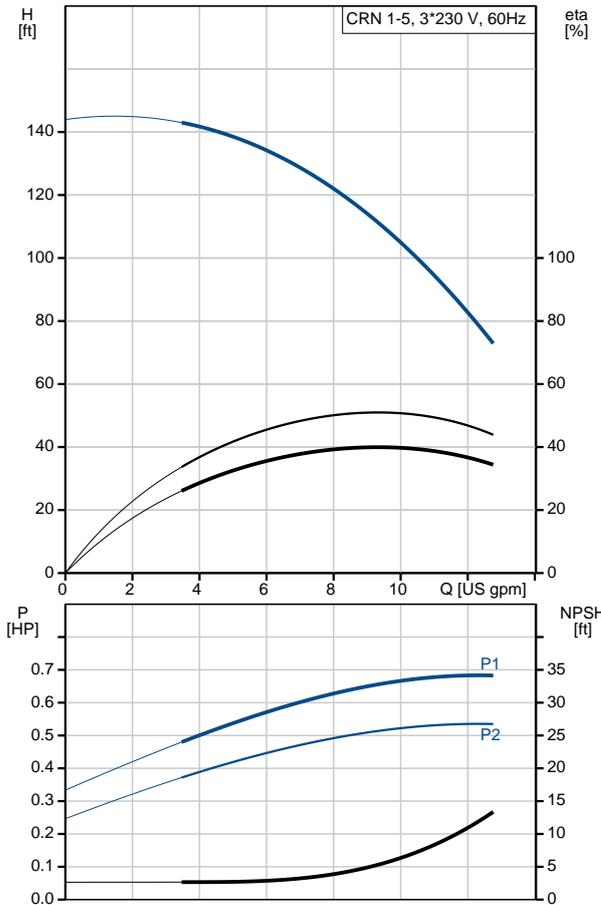
Company name:  
Created by:  
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Date: 4/25/2019

### 96082877 CRN 1-5A-FGJ-A-E-HQQE 60 Hz



Description	Value
<b>General information:</b>	
Product name:	CRN 1-5A-FGJ-A-E-HQQE
Product No.:	96082877
EAN:	5700395176155
<b>Technical:</b>	
Rated pump speed:	3485 rpm
Rated flow:	9.69 US gpm
Rated head:	106.3 ft
Head max:	144.7 ft
Stages:	5
Impellers:	5
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
<b>Materials:</b>	
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
	EN 1.4401
	AISI 316
Material code:	A
Code for rubber:	E
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	362.59 psi
Max pressure at stated temperature:	363 psi / 250 °F
	363 psi / -4 °F
Type of connection:	DIN / ANSI / JIS
Size of inlet connection:	DN 25/32
Size of suction port:	1 1/4 inch
Size of outlet connection:	DN 25/32
Size of outlet port:	1 1/4 inch
Pressure rating for pipe connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	56C
Connect code:	FGJ
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 248 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
<b>Electrical data:</b>	
Motor standard:	NEMA
Motor type:	71AB
Rated power - P2:	0.5 HP
Power (P2) required by pump:	0.5 HP
Main frequency:	60 Hz
Rated voltage:	3 x 208-230YY/460Y V





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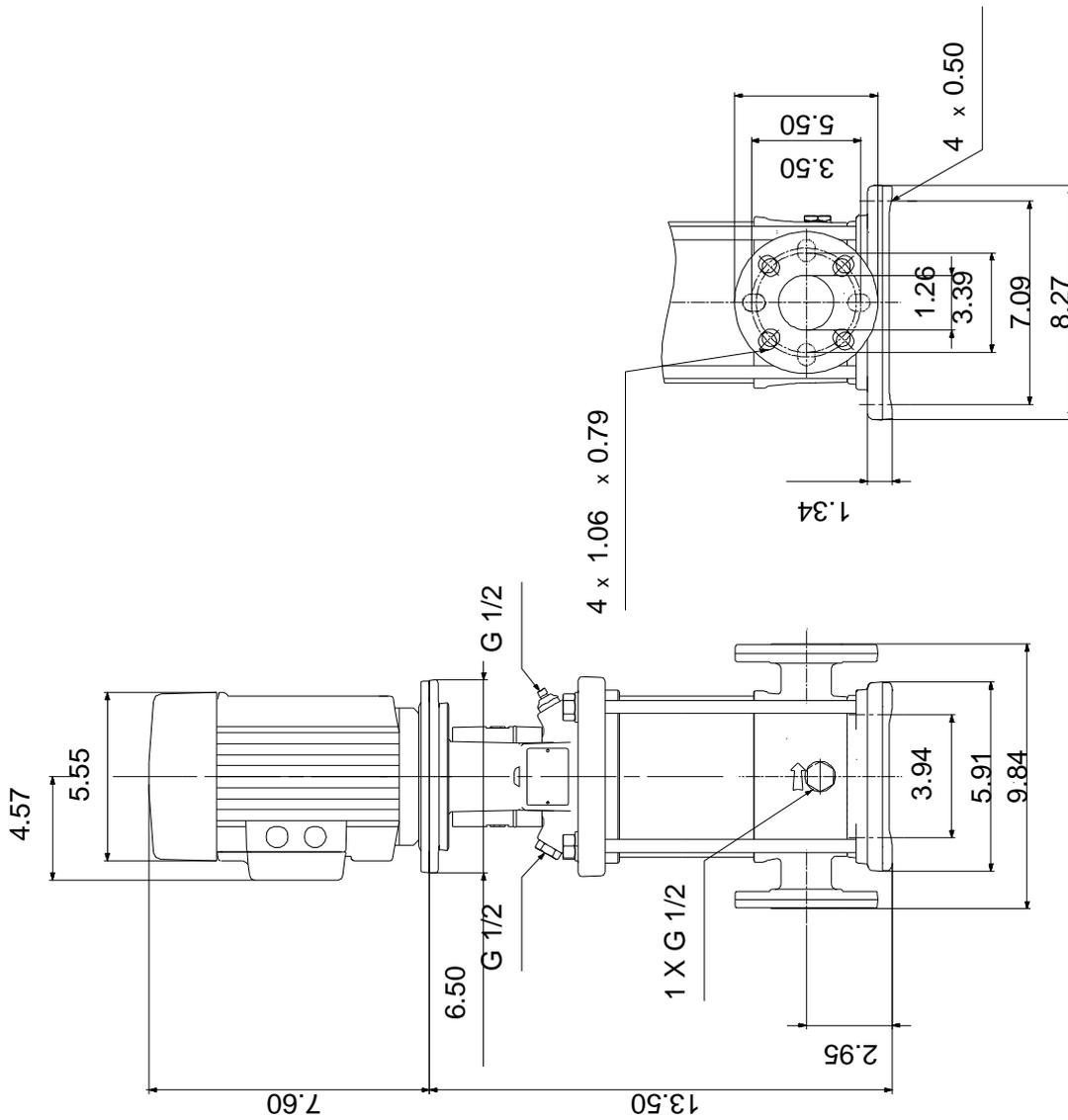
Phone:

Date:

4/25/2019

Description	Value
Service factor:	1.25
Rated current:	1,64-1,55/0,78 A
Starting current:	590-650 %
Load current:	2,0-1,9/0,95 A
Cos phi - power factor:	0.84-0.78
Rated speed:	3430-3460 rpm
Motor efficiency at full load:	78.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900701
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Net weight:	52.6 lb
Gross weight:	63.6 lb
Shipping volume:	4.94 ft <sup>3</sup>
Country of origin:	US
Custom tariff no.:	8413.70.2040

## 96082877 CRN 1-5A-FGJ-A-E-HQQE 60 Hz



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

## 96082877 CRN 1-5A-FGJ-A-E-HQQE 60 Hz

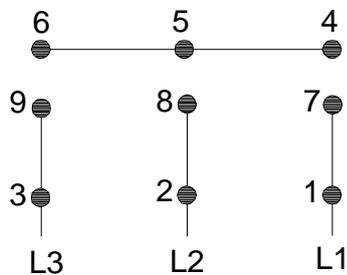


### WARNING

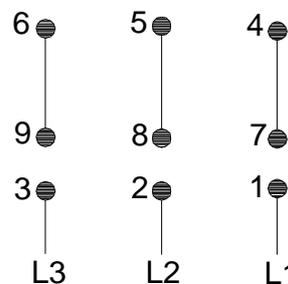
MOTOR MUST BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES BY TRAINED PERSONNEL TO PREVENT SERIOUS ELECTRICAL SHOCKS.

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)

