
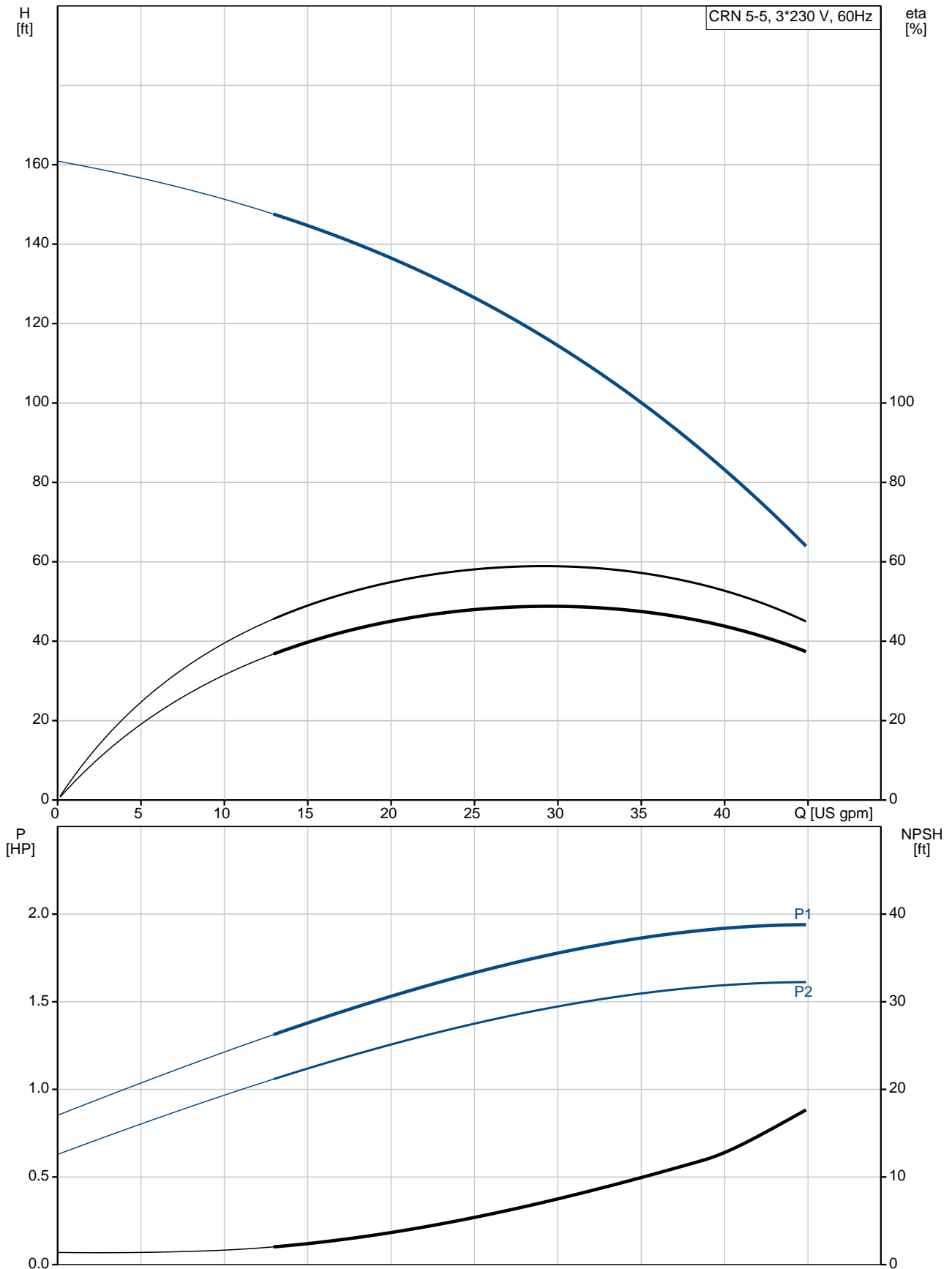


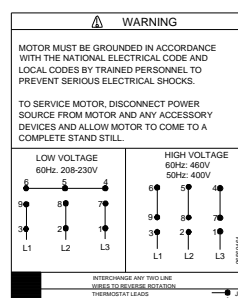
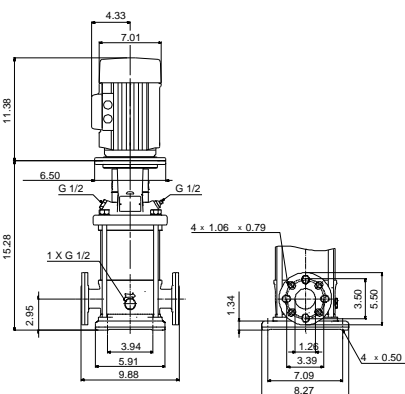
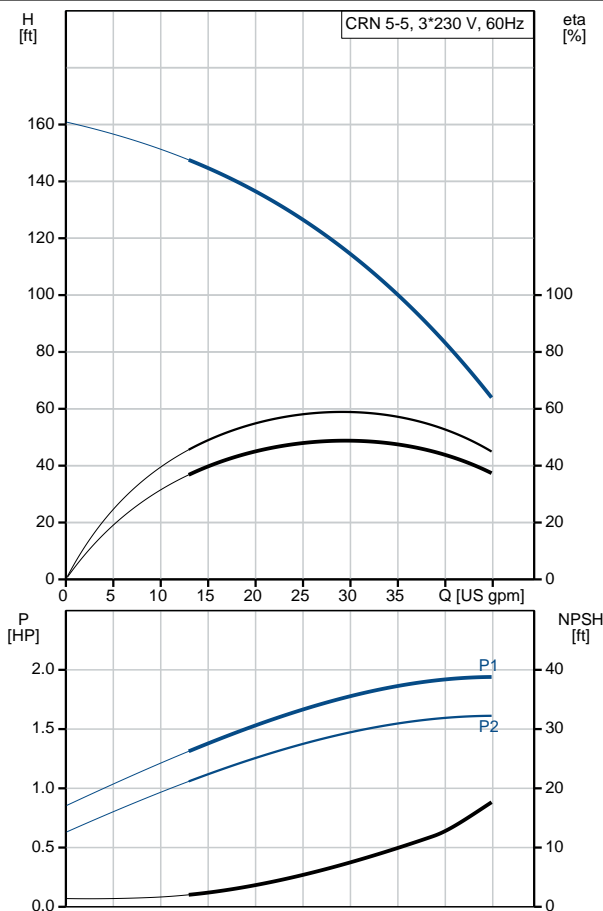
Count	Description
1	<p>CRN 5-5 A-FGJ-A-E-HQQE</p>  <p>Product No.: 97741966 Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p>The pump has the following characteristics:</p> <ul style="list-style-type: none"> - Impellers, intermediate chambers and outer sleeve are made of - Pump head cover and base are made of - The shaft seal has assembly length according to EN 12756. - Power transmission is via cast iron split coupling. <p>flanges/couplings.</p> <p>The motor is a 3-phase AC motor.</p> <p>Controls: Frequency converter: NONE</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: -4 .. 248 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³</p> <p>Technical: Rated pump speed: 3466 rpm Rated flow: 30.4 US gpm Rated head: 116.5 ft Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CURUS, NSF61 Curve tolerance: ISO9906:2012 3B</p> <p>Materials: Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Bearing: SIC</p> <p>Installation: Maximum ambient temperature: 140 °F Maximum operating pressure: 363 psi</p>

Count	Description
	<p>Max pressure at stated temperature: 363 psi / 250 °F 363 psi / -4 °F</p> <p>Type of connection: DIN / ANSI / JIS</p> <p>Size of inlet connection: DN 25/32</p> <p>Size of suction port: 1 1/4 inch</p> <p>Size of outlet connection: DN 25/32</p> <p>Size of outlet port: 1 1/4 inch</p> <p>Pressure rating for pipe connection: PN 25</p> <p>Flange rating inlet: 300 lb</p> <p>Flange size for motor: 56C</p> <p>Electrical data:</p> <p>Motor standard: NEMA</p> <p>Motor type: 90CC</p> <p>IE Efficiency class: NEMA Premium / IE3 60Hz</p> <p>Rated power - P2: 2 HP</p> <p>Power (P2) required by pump: 2 HP</p> <p>Main frequency: 60 Hz</p> <p>Rated voltage: 3 x 208-230YY/460Y V</p> <p>Service factor: 1.15</p> <p>Rated current: 5,70-5,40/2,70 A</p> <p>Starting current: 810-900 %</p> <p>Cos phi - power factor: 0.88-0.84</p> <p>Rated speed: 3480-3510 rpm</p> <p>IE efficiency: IE3 85,5%</p> <p>Motor efficiency at full load: 85.5 %</p> <p>Motor efficiency at 3/4 load: 85.0 %</p> <p>Motor efficiency at 1/2 load: 83.0 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Others:</p> <p>Net weight: 77.2 lb</p> <p>Gross weight: 88.2 lb</p> <p>Shipping volume: 6.11 ft³</p> <p>Country of origin: US</p> <p>Custom tariff no.: 8413.70.2040</p>

97741966 CRN 5-5 A-FGJ-A-E-HQQE 60 Hz



Description	Value
General information:	
Product name:	CRN 5-5 A-FGJ-A-E-HQQE
Product No.:	97741966
EAN:	5710623550077
Technical:	
Rated pump speed:	3466 rpm
Rated flow:	30.4 US gpm
Rated head:	116.5 ft
Head max:	165.7 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
Materials:	
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
Installation:	
Maximum ambient temperature:	140 °F
Maximum operating pressure:	363 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
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:	90CC
IE Efficiency class:	NEMA Premium / IE3 60Hz
Rated power - P2:	2 HP
Power (P2) required by pump:	2 HP





Company name:

Created by:

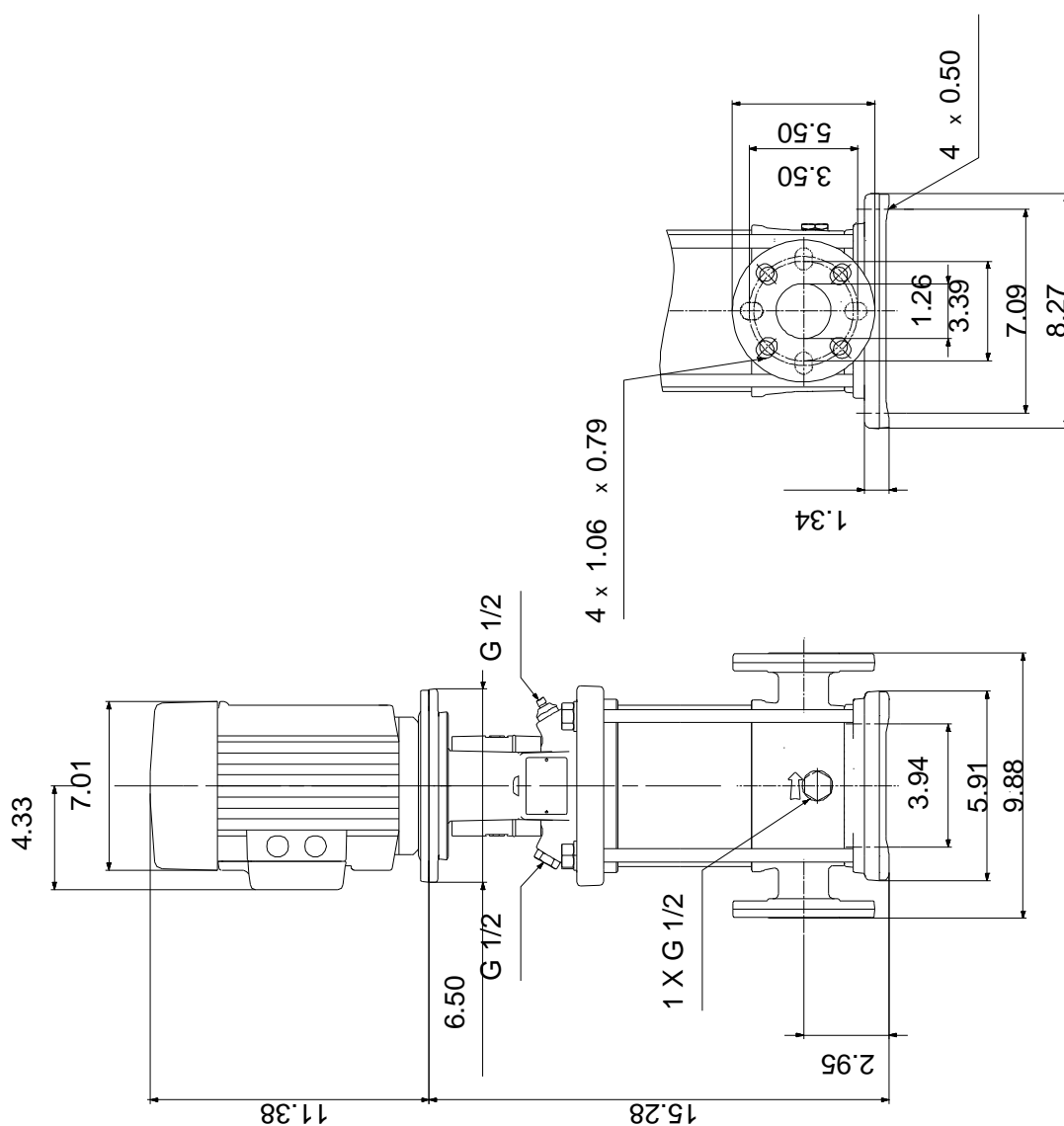
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3/1/2019


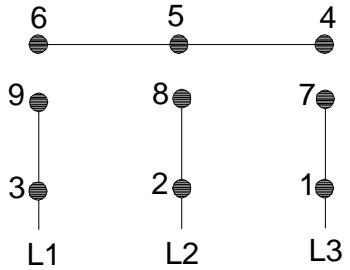
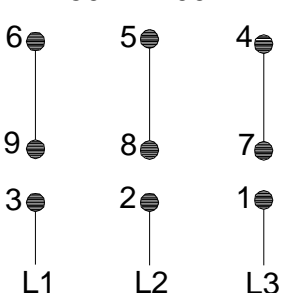


Description	Value
Main frequency:	60 Hz
Rated voltage:	3 x 208-230YY/460Y V
Service factor:	1.15
Rated current:	5,70-5,40/2,70 A
Starting current:	810-900 %
Load current:	6,55-6,1/3,05 A
Cos phi - power factor:	0.88-0.84
Rated speed:	3480-3510 rpm
IE efficiency:	IE3 85,5%
Motor efficiency at full load:	85.5 %
Motor efficiency at 3/4 load:	85.0 %
Motor efficiency at 1/2 load:	83.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	85900705
Controls:	
Frequency converter:	NONE
Others:	
Net weight:	77.2 lb
Gross weight:	88.2 lb
Shipping volume:	6.11 ft ³
Country of origin:	US
Custom tariff no.:	8413.70.2040

97741966 CRN 5-5 A-FGJ-A-E-HQQE 60 Hz



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

97741966 CRN 5-5 A-FGJ-A-E-HQQE 60 Hz

 WARNING	
<p>MOTOR MUST BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES BY TRAINED PERSONNEL TO PREVENT SERIOUS ELECTRICAL SHOCKS.</p> <p>TO SERVICE MOTOR, DISCONNECT POWER SOURCE FROM MOTOR AND ANY ACCESSORY DEVICES AND ALLOW MOTOR TO COME TO A COMPLETE STAND STILL.</p>	
<p style="text-align: center;">LOW VOLTAGE 60Hz. 208-230V</p> 	<p style="text-align: center;">HIGH VOLTAGE 60Hz: 460V 50Hz: 400V</p> 
<p>INTERCHANGE ANY TWO LINE WIRES TO REVERSE ROTATION</p>	
<p>THERMOSTAT LEADS (WHEN PROVIDED)  J  J</p>	

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