
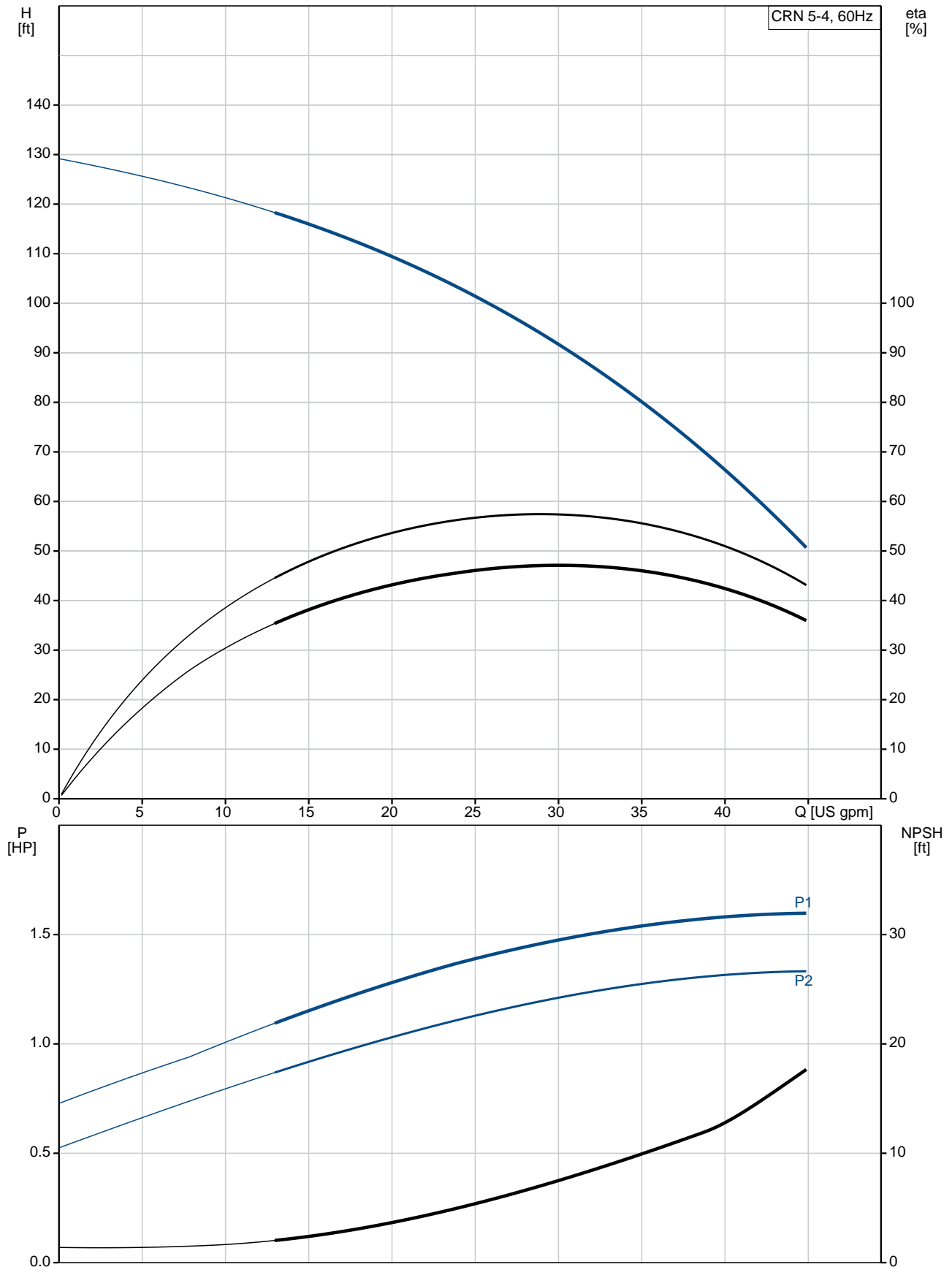


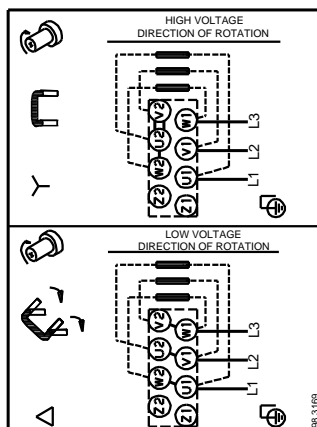
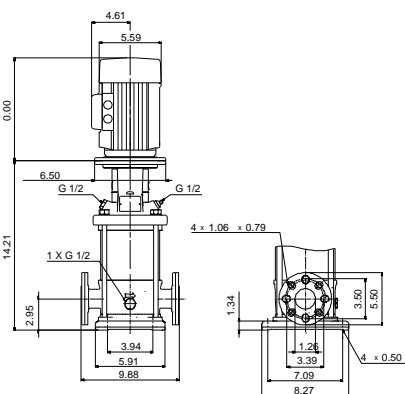
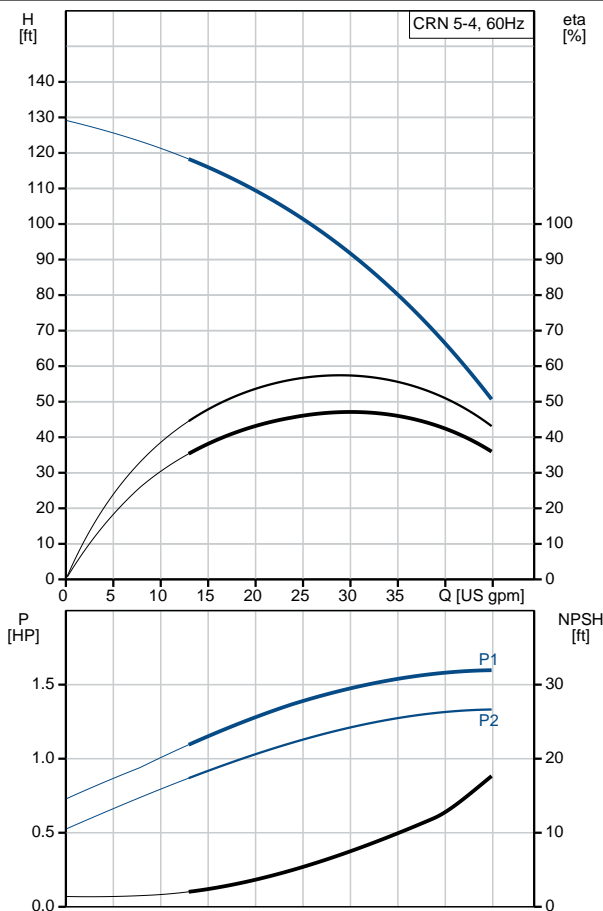
Count	Description
1	<p><b>CRN 5-4 A-FGJ-A-V-HQQV</b></p>  <p>Product No.: <a href="#">96085110</a>            Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p>The pump has the following characteristics:</p> <ul style="list-style-type: none"> <li>- Impellers, intermediate chambers and outer sleeve are made of</li> <li>- Pump head cover and base are made of</li> <li>- The shaft seal has assembly length according to EN 12756.</li> <li>- Power transmission is via cast iron split coupling.</li> </ul> <p>flanges/couplings.</p> <p>The motor is a 3-phase AC motor.</p> <p><b>Controls:</b>            Frequency converter: NONE</p> <p><b>Liquid:</b>            Pumped liquid: Water            Liquid temperature range: -4 .. 194 °F            Liquid temperature during operation: 68 °F            Density: 62.29 lb/ft³</p> <p><b>Technical:</b>            Rated pump speed: 3466 rpm            Rated flow: 30.4 US gpm            Rated head: 94.82 ft            Pump orientation: Vertical            Shaft seal arrangement: Single            Code for shaft seal: HQQV            Approvals on nameplate: CURUS            Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b>            Base: Stainless steel                      EN 1.4408                      AISI 316            Impeller: Stainless steel                      EN 1.4401                      AISI 316            Bearing: SIC</p> <p><b>Installation:</b>            Maximum ambient temperature: 140 °F            Maximum operating pressure: 363 psi</p>

Count	Description
	<p>Max pressure at stated temperature: 363 psi / 194 °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><b>Electrical data:</b></p> <p>Motor standard: NEMA</p> <p>Motor type: 80CA</p> <p>IE Efficiency class: NEMA Premium / IE3 60Hz</p> <p>Rated power - P2: 1.5 HP</p> <p>Power (P2) required by pump: 1.5 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: 4,45-4,3/2,16 A</p> <p>Starting current: 720 %</p> <p>Cos phi - power factor: 0.84-0.78</p> <p>Rated speed: 3440-3480 rpm</p> <p>IE efficiency: IE3 84,1%</p> <p>Motor efficiency at full load: 84.9 %</p> <p>Motor efficiency at 3/4 load: 81.0 %</p> <p>Motor efficiency at 1/2 load: 78.5 %</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><b>Others:</b></p> <p>Net weight: 54.5 lb</p> <p>Gross weight: 65.5 lb</p> <p>Shipping volume: 4.94 ft³</p> <p>Country of origin: US</p> <p>Custom tariff no.: 8413.70.2040</p>

## 96085110 CRN 5-4 A-FGJ-A-V-HQQV 60 Hz



Description	Value
<b>General information:</b>	
Product name:	CRN 5-4
Product No.:	A-FGJ-A-V-HQQV
EAN:	96085110
	5700395199482
<b>Technical:</b>	
Rated pump speed:	3466 rpm
Rated flow:	30.4 US gpm
Rated head:	94.82 ft
Head max:	136.8 ft
Stages:	4
Impellers:	4
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	CURUS
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:	V
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	140 °F
Maximum operating pressure:	363 psi
Max pressure at stated temperature:	363 psi / 194 °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 .. 194 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft³
<b>Electrical data:</b>	
Motor standard:	NEMA
Motor type:	80CA
IE Efficiency class:	NEMA Premium / IE3 60Hz
Rated power - P2:	1.5 HP
Power (P2) required by pump:	1.5 HP





Company name:

Created by:

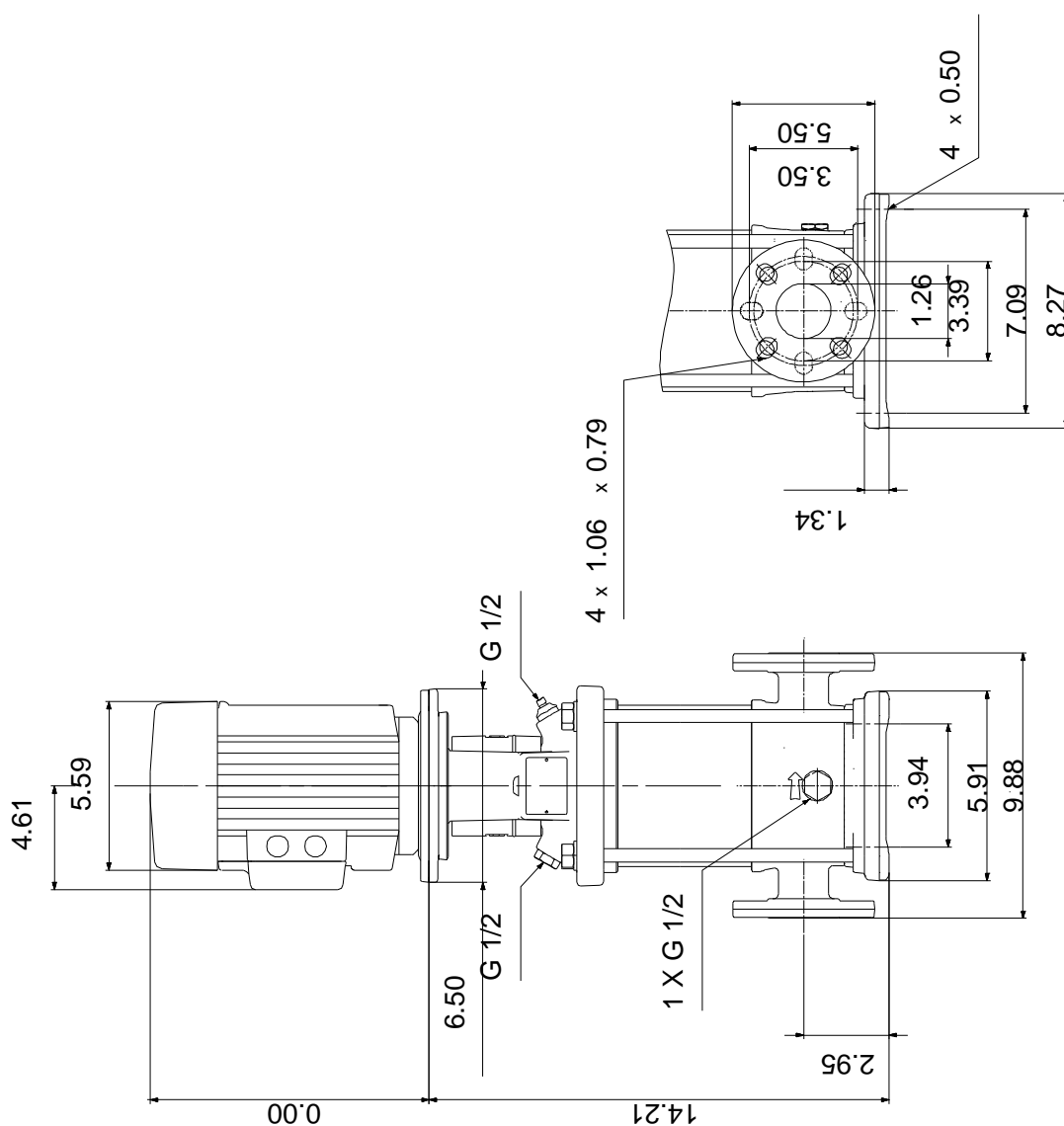
Phone:

Date:

3/1/2019

Description	Value
Main frequency:	60 Hz
Rated voltage:	3 x 208-230YY/460Y V
Service factor:	1.15
Rated current:	4,45-4,3/2,16 A
Starting current:	720 %
Load current:	5,1-4,95/2,48 A
Cos phi - power factor:	0.84-0.78
Rated speed:	3440-3480 rpm
IE efficiency:	IE3 84,1%
Motor efficiency at full load:	84.9 %
Motor efficiency at 3/4 load:	81.0 %
Motor efficiency at 1/2 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:	98976607
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Net weight:	54.5 lb
Gross weight:	65.5 lb
Shipping volume:	4.94 ft <sup>3</sup>
Country of origin:	US
Custom tariff no.:	8413.70.2040

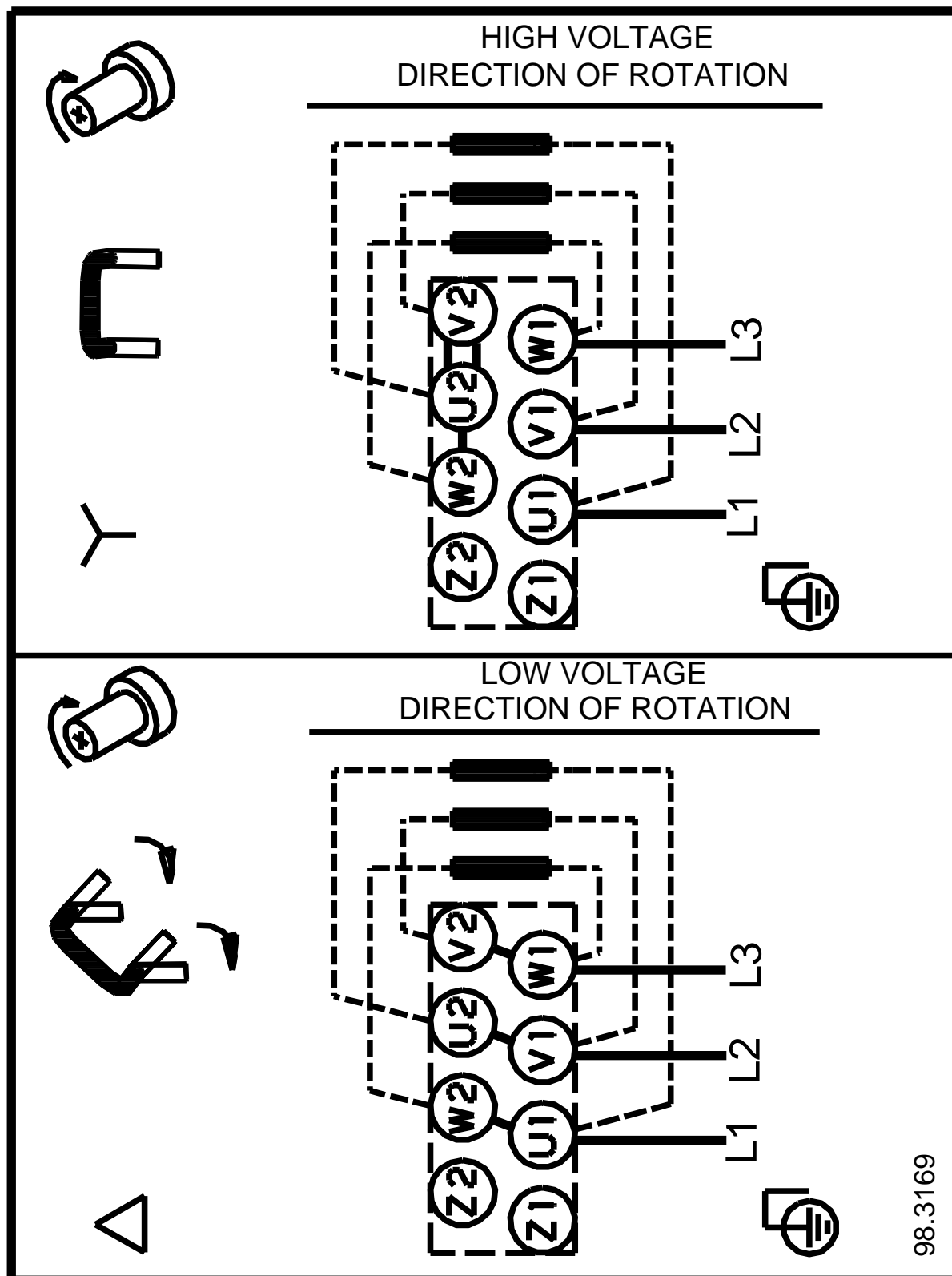
## 96085110 CRN 5-4 A-FGJ-A-V-HQQV 60 Hz



Note! All units are in [mm] unless otherwise stated.

Disclaimer: This simplified dimensional drawing does not show all details.

**96085110 CRN 5-4 A-FGJ-A-V-HQQV 60 Hz**



All units are [mm] unless otherwise presented.