
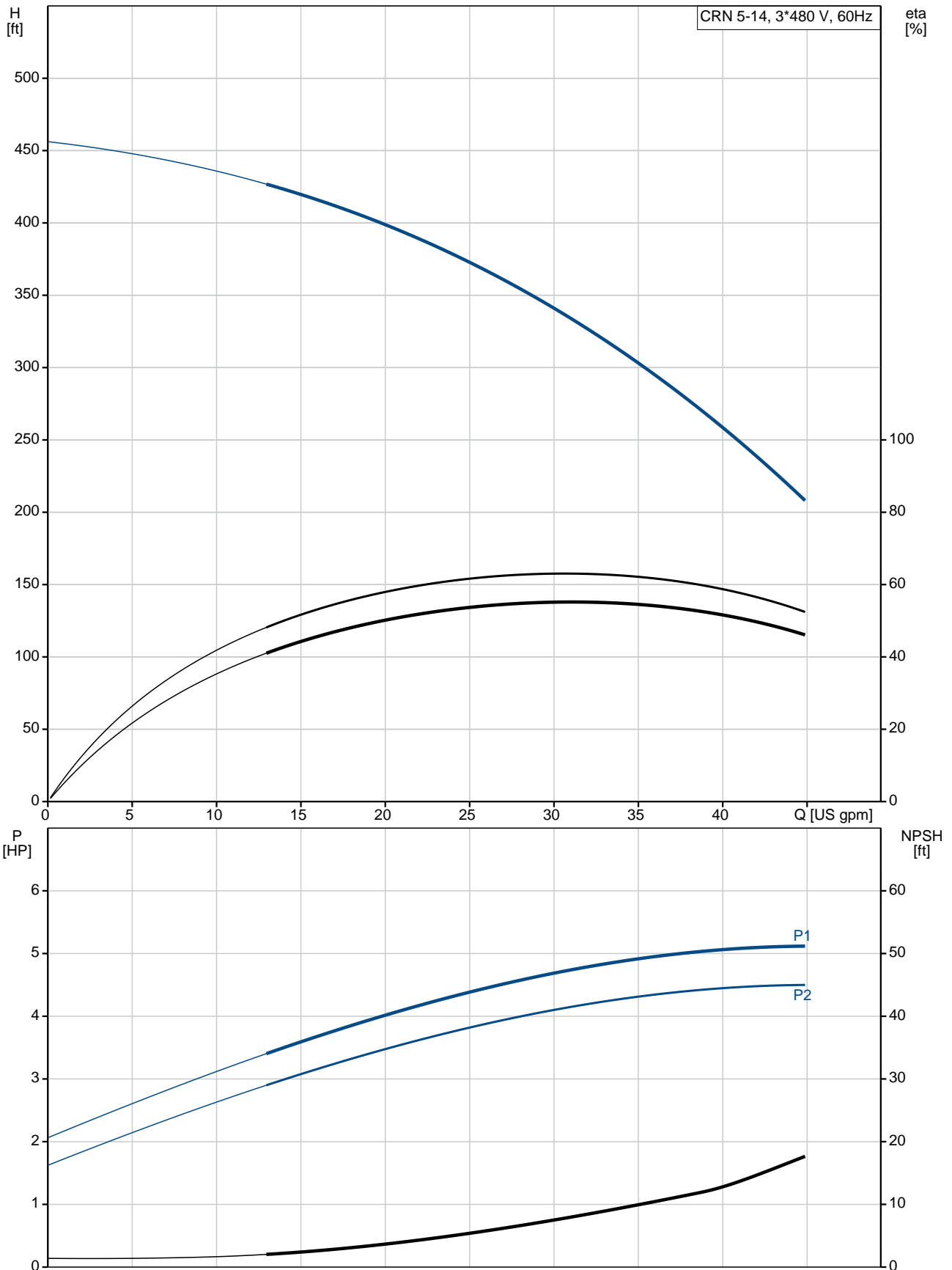


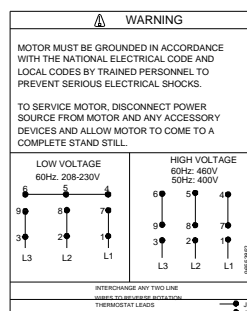
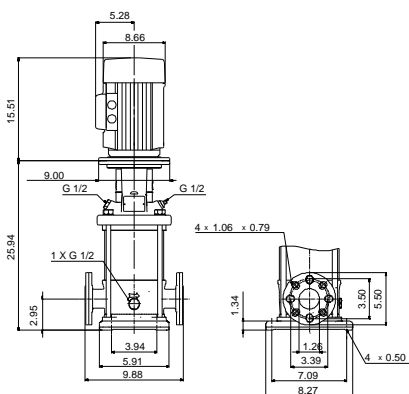
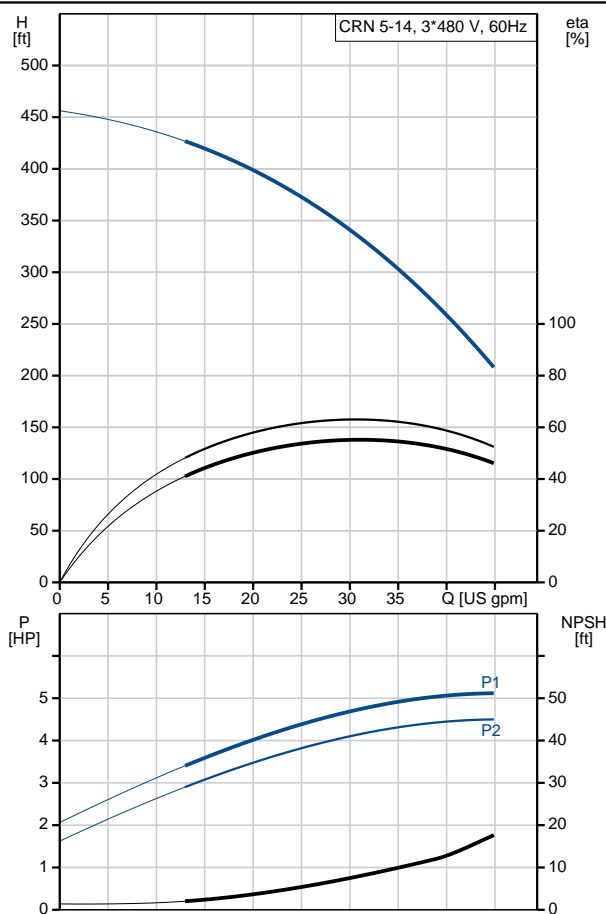
| Count | Description   |
|-------|---|
| 1     | <p><b>CRN 5-14 A-FGJ-A-V-HQQV</b></p>  <p>Product No.: <a href="#">96085130</a><br/>Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p>The pump has the following characteristics:</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><br/>Frequency converter: NONE</p> <p><b>Liquid:</b><br/>Pumped liquid: Water<br/>Liquid temperature range: -4 .. 194 °F<br/>Liquid temperature during operation: 68 °F<br/>Density: 62.29 lb/ft³</p> <p><b>Technical:</b><br/>Rated pump speed: 3461 rpm<br/>Rated flow: 30.4 US gpm<br/>Rated head: 338.6 ft<br/>Pump orientation: Vertical<br/>Shaft seal arrangement: Single<br/>Code for shaft seal: HQQV<br/>Approvals on nameplate: CURUS<br/>Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b><br/>Base: Stainless steel<br/>EN 1.4408<br/>AISI 316<br/>Impeller: Stainless steel<br/>EN 1.4401<br/>AISI 316<br/>Bearing: SIC</p> <p><b>Installation:</b><br/>Maximum ambient temperature: 140 °F<br/>Maximum operating pressure: 363 psi</p> |

| Count | Description   |
|-------|---|
|       | <p>Max pressure at stated temperature: 363 psi / 194 °F<br/>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: 182TC</p> <p><b>Electrical data:</b></p> <p>Motor standard: NEMA</p> <p>Motor type: 112CA</p> <p>IE Efficiency class: NEMA Premium / IE3 60Hz</p> <p>Rated power - P2: 5 HP</p> <p>Power (P2) required by pump: 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: 14,1-13,1/7,29 A</p> <p>Starting current: 1000-1470 %</p> <p>Cos phi - power factor: 0.89-0.86</p> <p>Rated speed: 3525-3540 rpm</p> <p>IE efficiency: IE3 88,5%</p> <p>Motor efficiency at full load: 88.5 %</p> <p>Motor efficiency at 3/4 load: 88.6 %</p> <p>Motor efficiency at 1/2 load: 85.2 %</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: 141 lb</p> <p>Gross weight: 159 lb</p> <p>Shipping volume: 10.1 ft³</p> <p>Country of origin: US</p> <p>Custom tariff no.: 8413.70.2040</p> |

## 96085130 CRN 5-14 A-FGJ-A-V-HQQV 60 Hz



| Description                           | Value                                    |
|---------------------------------------|--|
| <b>General information:</b>           |  |
| Product name:                         | CRN 5-14<br>A-FGJ-A-V-HQQV               |
| Product No.:                          | 96085130                                 |
| EAN:                                  | 5700395199680                            |
| <b>Technical:</b>                     |  |
| Rated pump speed:                     | 3461 rpm                                 |
| Rated flow:                           | 30.4 US gpm                              |
| Rated head:                           | 338.6 ft                                 |
| Head max:                             | 456.1 ft                                 |
| Stages:                               | 14                                       |
| Impellers:                            | 14                                       |
| 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<br>EN 1.4408<br>AISI 316 |
| Impeller:                             | Stainless steel<br>EN 1.4401<br>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 / -4 °F<br>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:                | 182TC                                    |
| 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:                           | 112CA                                    |
| IE Efficiency class:                  | NEMA Premium / IE3 60Hz                  |
| Rated power - P2:                     | 5 HP                                     |
| Power (P2) required by pump:          | 5 HP                                     |
| Main frequency:                       | 60 Hz                                    |





Company name:

Created by:

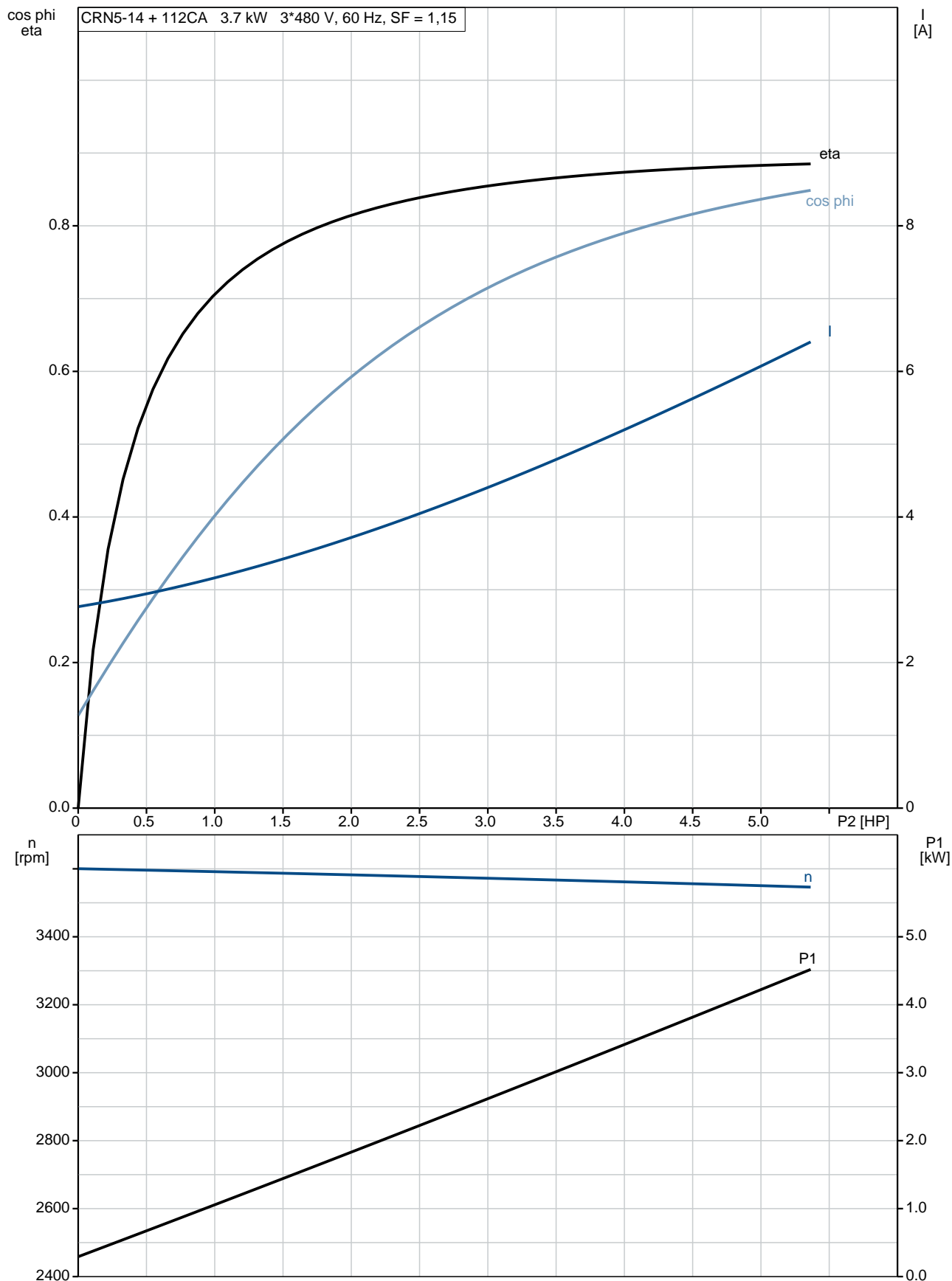
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Date:

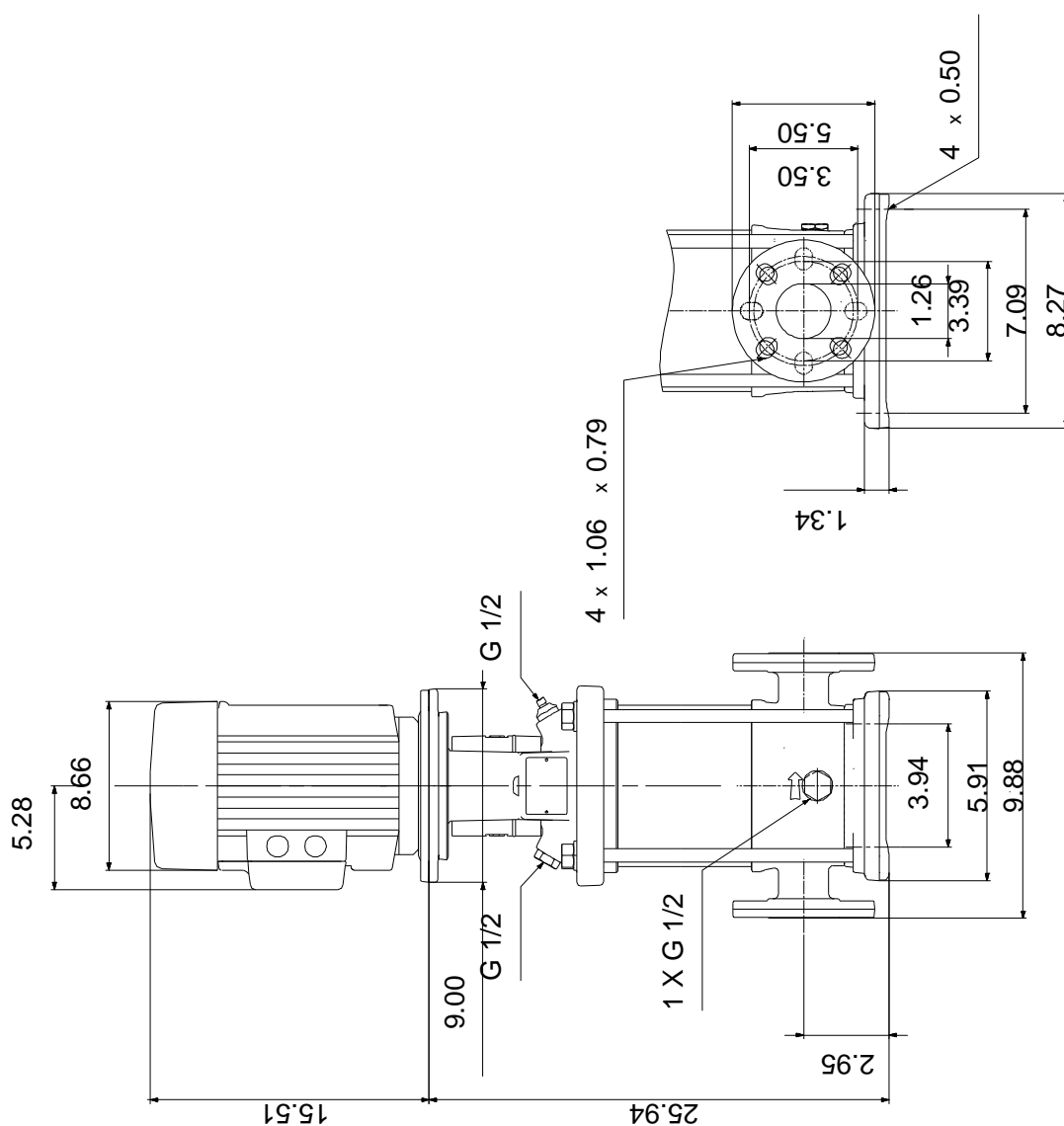
3/6/2019

| Description                    | Value                |
|--------------------------------|----------------------|
| Rated voltage:                 | 3 x 208-230YY/460Y V |
| Service factor:                | 1.15                 |
| Rated current:                 | 14,1-13,1/7,29 A     |
| Starting current:              | 1000-1470 %          |
| Load current:                  | 16,2-15,0/8,40 A     |
| Cos phi - power factor:        | 0.89-0.86            |
| Rated speed:                   | 3525-3540 rpm        |
| IE efficiency:                 | IE3 88,5%            |
| Motor efficiency at full load: | 88.5 %               |
| Motor efficiency at 3/4 load:  | 88.6 %               |
| Motor efficiency at 1/2 load:  | 85.2 %               |
| Number of poles:               | 2                    |
| Enclosure class (IEC 34-5):    | 55 Dust/Jetting      |
| Insulation class (IEC 85):     | F                    |
| Motor protection:              | PTC                  |
| Motor Number:                  | 85904389             |
| <b>Controls:</b>               |                      |
| Frequency converter:           | NONE                 |
| <b>Others:</b>                 |                      |
| Net weight:                    | 141 lb               |
| Gross weight:                  | 159 lb               |
| Shipping volume:               | 10.1 ft <sup>3</sup> |
| Country of origin:             | US                   |
| Custom tariff no.:             | 8413.70.2040         |

## 96085130 CRN 5-14 A-FGJ-A-V-HQQV 60 Hz



## 96085130 CRN 5-14 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.

## 96085130 CRN 5-14 A-FGJ-A-V-HQQV 60 Hz

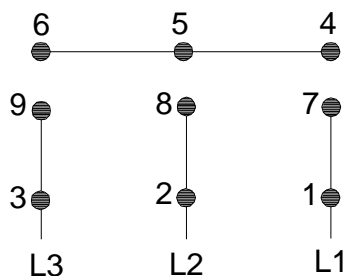


### WARNING

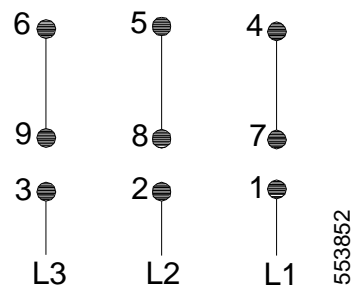
MOTOR MUST BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES BY TRAINED PERSONNEL TO PREVENT SERIOUS ELECTRICAL SHOCKS.

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)

