

## Submittal Data

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

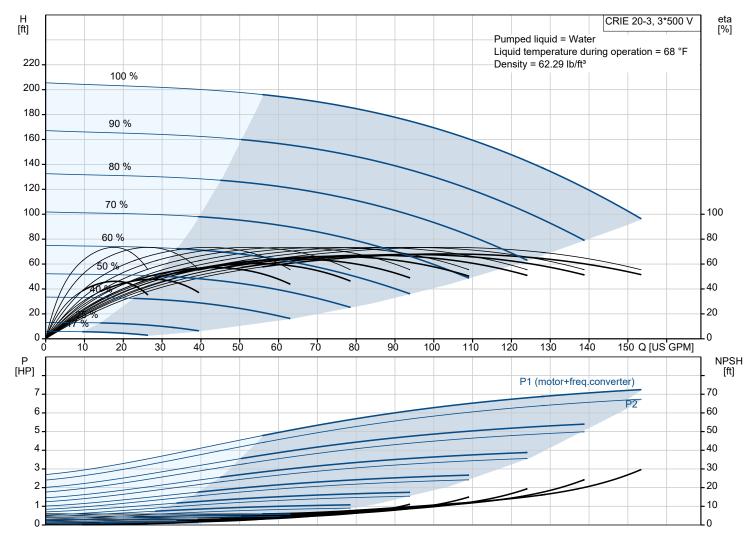


## CRIE 20-3 N-FGJ-A-E-HQQE

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

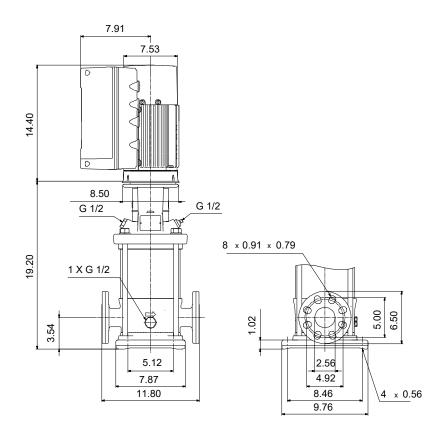
Note! Product picture may differ from actual product

| Conditions of Service                        |                         | Pump Data   |   | Motor Data   |   |
|--|-------------------------|---|---|--|---|
| Liquid:<br>Temperature:<br>Specific Gravity: | Water<br>68 °F<br>1.000 | Max pressure at stated temp:<br>Liquid temperature range:<br>Maximum ambient temperature:<br>Shaft seal:<br>Product number: | 232 psi / 250 °F<br>-4 248 °F<br>122 °F<br>HQQE<br>99076286 | Rated power - P2:<br>Rated voltage:<br>Mains frequency:<br>Enclosure class:<br>Insulation class:<br>Motor protection:<br>Motor type:<br>Eta 1/1: | 7.5 HP<br>440-480 V<br>60 Hz<br>IP55<br>F<br>ELEC<br>132E<br>92.4 % |



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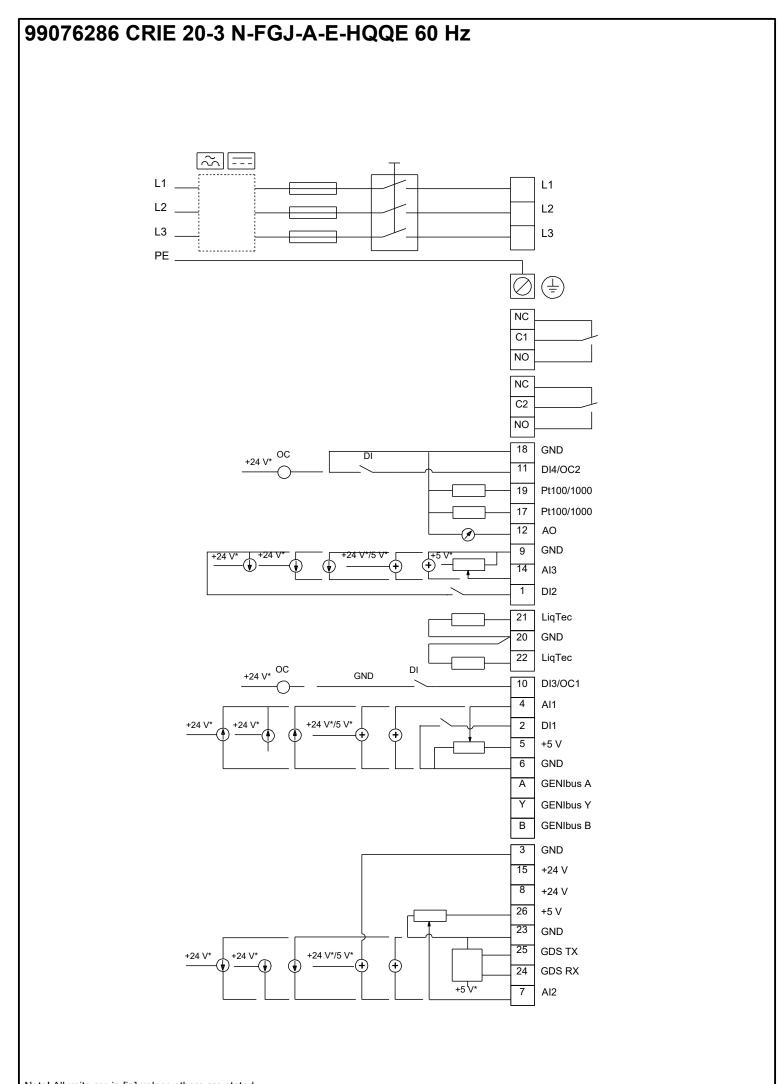


Materials:

| Base:            | Stainless steel |
|------------------|-----------------|
| Base:            | EN 1.4408       |
| Base:            | AISI 316        |
| Impeller:        | Stainless steel |
| Impeller:        | AISI 304        |
| Impeller:        | EN 1.4301       |
| Material code:   | А               |
| Code for rubber: | E               |



| Qty. | Description                                      |                      |
|------|--|----------------------|
|      | Materials:                                       |                      |
|      | Base:  | Stainless steel      |
|      |  | EN 1.4408            |
|      |  | AISI 316             |
|      | Impeller:  | Stainless steel      |
|      |  | EN 1.4301            |
|      | Beering  | AISI 304             |
|      | Bearing:   | SIC                  |
|      | Installation:                                    |                      |
|      | t max amb:                                       | 122 °F               |
|      | Maximum operating pressure:                      | 232.06 psi           |
|      | Max pressure at stated temp:                     | 232 psi / 250 °F     |
|      |  | 232 psi / -4 °F      |
|      | Type of connection:                              | DIN / ANSI / JIS     |
|      | Size of inlet connection:                        | DN 50                |
|      | Size of outlet connection:                       | DN 50                |
|      | Pressure rating for connection:                  | PN 25                |
|      | Flange rating inlet:                             | 300 lb               |
|      | Flange size for motor:                           | 213TC                |
|      |  |                      |
|      | Electrical data:                                 |                      |
|      | Motor standard:                                  | NEMA                 |
|      | Motor type:                                      | 132E                 |
|      | IE Efficiency class:                             | IE5                  |
|      | Rated power - P2:                                | 7.5 HP               |
|      | Power (P2) required by pump:<br>Mains frequency: | 7.5 HP<br>60 Hz      |
|      | Rated voltage:                                   | 3 x 440-480 V        |
|      | Service factor:                                  | 1.15                 |
|      | Rated current:                                   | 9.10-8.50 A          |
|      | Cos phi - power factor:                          | 0.91-0.89            |
|      | Rated speed:                                     | 360-4000 rpm         |
|      | Efficiency:                                      | 92.4%                |
|      | Motor efficiency at full load:                   | 92.4 %               |
|      | Enclosure class (IEC 34-5):                      | IP55                 |
|      | Insulation class (IEC 85):                       | F                    |
|      | Motor No:  | 99256773             |
|      |  |                      |
|      | Controls:  | N .                  |
|      | Pressure sensor:                                 | Y                    |
|      | Others:  |                      |
|      | DOE Pump Energy Index VL:                        | 0.41                 |
|      | Net weight:                                      | 165 lb               |
|      | Gross weight:                                    | 181 lb               |
|      | Shipping volume:                                 | 13.1 ft <sup>3</sup> |
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Note! All units are in [in] unless others are stated.