

| Count | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | <p><b>CRN 1S-19 A-P-A-V-HQQV</b></p>  <p>Product No.: <a href="#">96081713</a></p> <p>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 1-phase AC motor.</p> <p><b>Controls:</b></p> <p>Frequency converter: NONE</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -4 .. 194 °F</p> <p>Selected liquid temperature: 68 °F</p> <p>Density: 62.29 lb/ft³</p> <p><b>Technical:</b></p> <p>Rated pump speed: 3450 rpm</p> <p>Rated flow: 4.84 US gpm</p> <p>Rated head: 353.4 ft</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Code for shaft seal: HQQV</p> <p>Approvals on nameplate: CURUS</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b></p> <p>Base: Stainless steel<br/>EN 1.4408<br/>AISI 316</p> <p>Impeller: Stainless steel<br/>EN 1.4401<br/>AISI 316</p> <p>Bearing: SIC</p> <p><b>Installation:</b></p> <p>Maximum ambient temperature: 104 °F</p> <p>Maximum operating pressure: 362.59 psi</p> |



Company name:

Created by:

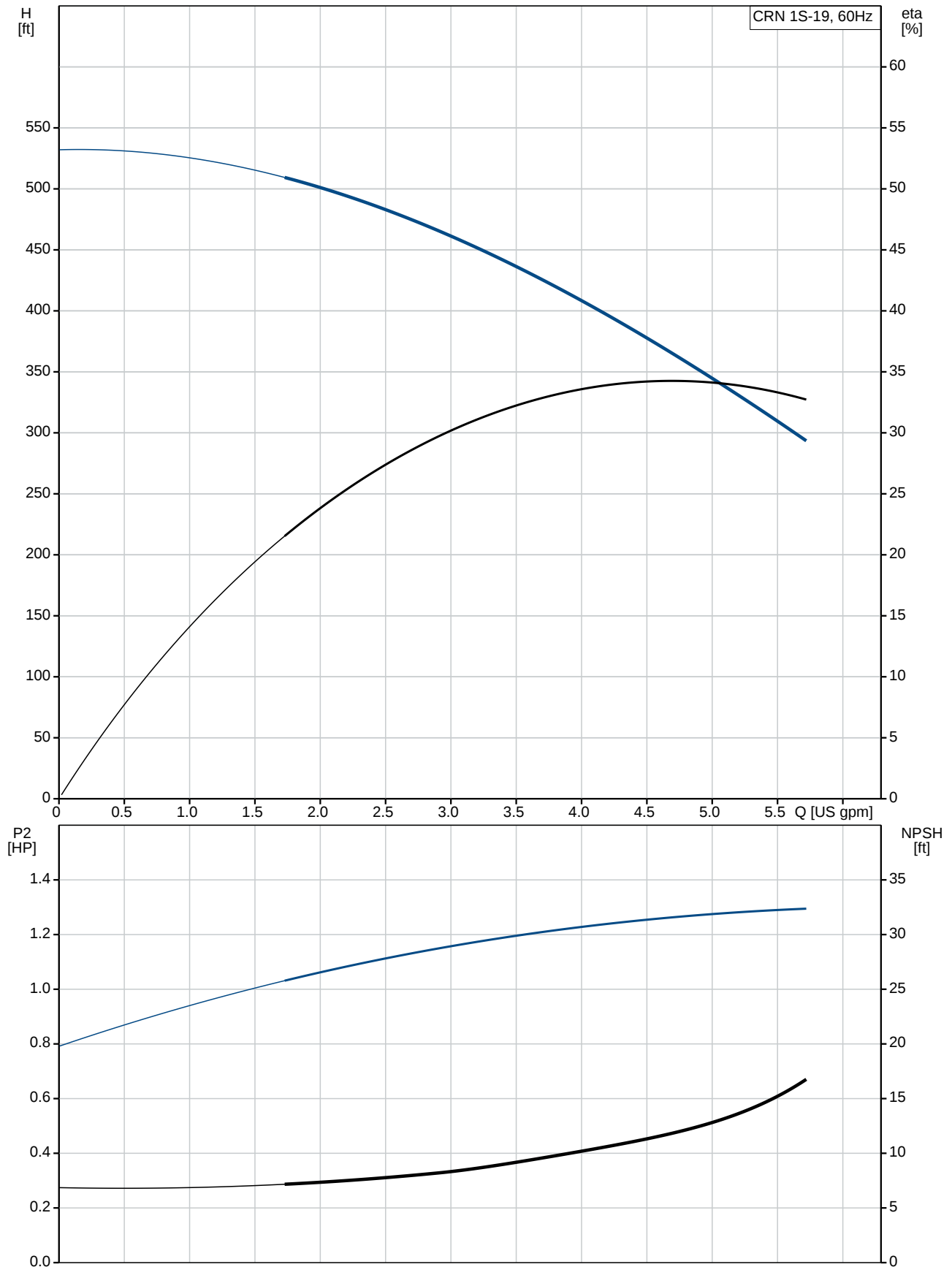
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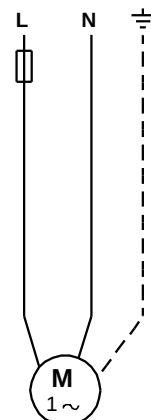
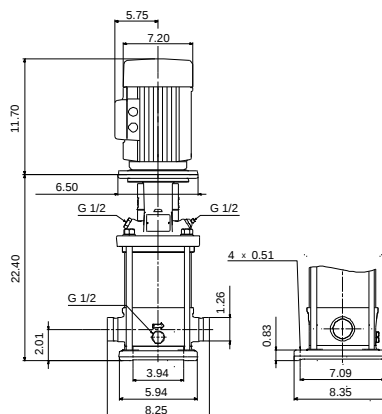
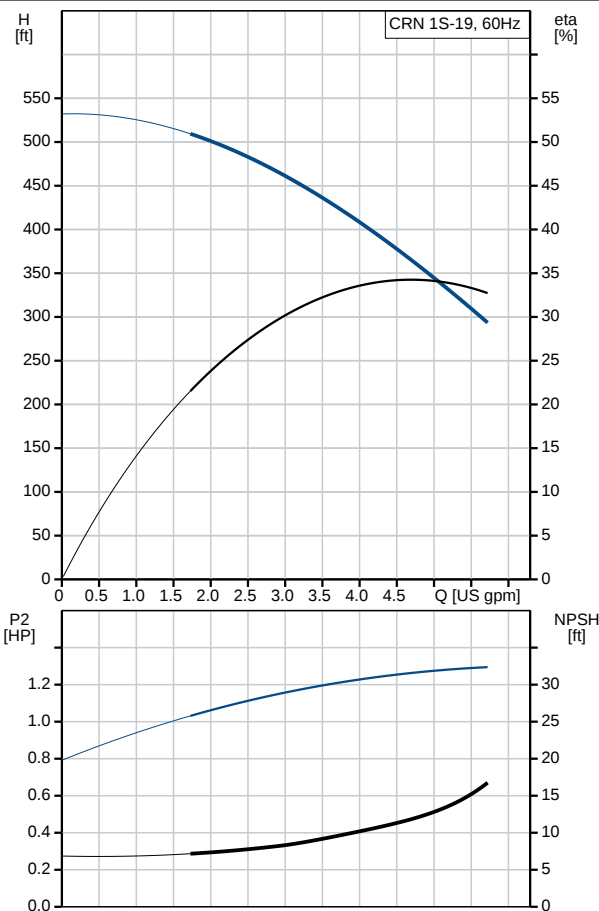
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| Count | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <p>Max pressure at stated temperature: 363 psi / 194 °F<br/>363 psi / -4 °F</p> <p>Type of connection: PJE<br/>Size of inlet connection: DN 32<br/>Size of suction port: 1 1/4 inch<br/>Size of outlet connection: DN 32<br/>Size of outlet port: 1 1/4 inch<br/>Pressure rating for pipe connection: PN 50<br/>Flange size for motor: 56C</p> <p><b>Electrical data:</b></p> <p>Motor standard: NEMA<br/>Motor type: Baldor<br/>Rated power - P2: 1.5 HP<br/>Power (P2) required by pump: 1.5 HP<br/>Main frequency: 60 Hz<br/>Rated voltage: 1 x 115/208-230 V<br/>Service factor: 1.30<br/>Rated current: 17/9,50-8,60 A<br/>Rated speed: 3450 rpm<br/>Number of poles: 2<br/>Insulation class (IEC 85): B<br/>Motor Number: 84Z04007</p> <p><b>Others:</b></p> <p>Net weight: 81.9 lb<br/>Gross weight: 96.4 lb<br/>Shipping volume: 8.26 ft<sup>3</sup><br/>Country of origin: US<br/>Custom tariff no.: 8413.70.2040</p> |

## 96081713 CRN 1S-19 A-P-A-V-HQQV 60 Hz



| Description                           | Value                                    |
|---------------------------------------|------------------------------------------|
| <b>General information:</b>           |                                          |
| Product name:                         | CRN 1S-19<br>A-P-A-V-HQQV                |
| Product No.:                          | 96081713                                 |
| EAN:                                  | 5700395161571                            |
| <b>Technical:</b>                     |                                          |
| Rated pump speed:                     | 3450 rpm                                 |
| Rated flow:                           | 4.84 US gpm                              |
| Rated head:                           | 353.4 ft                                 |
| Head max:                             | 533.5 ft                                 |
| Stages:                               | 19                                       |
| Impellers:                            | 19                                       |
| 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:          | 104 °F                                   |
| Maximum operating pressure:           | 362.59 psi                               |
| Max pressure at stated temperature:   | 363 psi / 194 °F<br>363 psi / -4 °F      |
| Type of connection:                   | PJE                                      |
| Size of inlet connection:             | DN 32                                    |
| Size of suction port:                 | 1 1/4 inch                               |
| Size of outlet connection:            | DN 32                                    |
| Size of outlet port:                  | 1 1/4 inch                               |
| Pressure rating for pipe connection:  | PN 50                                    |
| Flange size for motor:                | 56C                                      |
| Connect code:                         | P                                        |
| <b>Liquid:</b>                        |                                          |
| Pumped liquid:                        | Water                                    |
| Liquid temperature range:             | -4 .. 194 °F                             |
| Selected liquid temperature:          | 68 °F                                    |
| Density:                              | 62.29 lb/ft³                             |
| <b>Electrical data:</b>               |                                          |
| Motor standard:                       | NEMA                                     |
| Motor type:                           | Baldor                                   |
| Rated power - P2:                     | 1.5 HP                                   |
| Power (P2) required by pump:          | 1.5 HP                                   |
| Main frequency:                       | 60 Hz                                    |
| Rated voltage:                        | 1 x 115/208-230 V                        |
| Service factor:                       | 1.30                                     |





Company name:

Created by:

Phone:

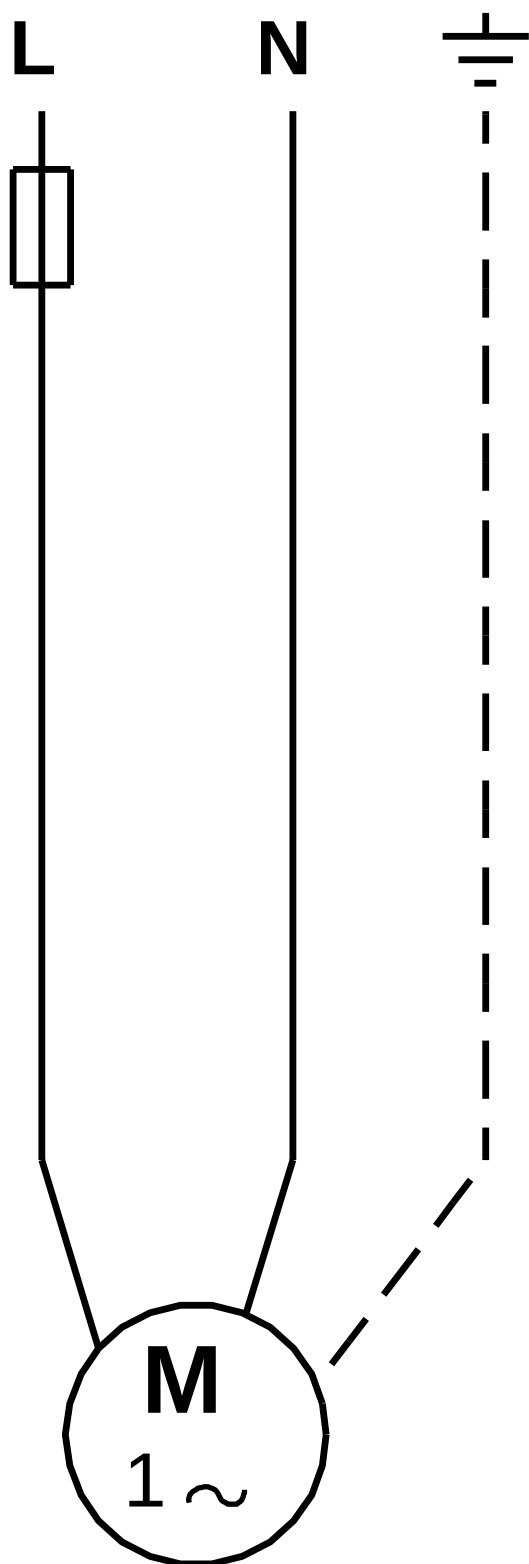
Date:

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| Description                | Value            |
|----------------------------|------------------|
| Rated current:             | 17/9,50-8,60 A   |
| Load current:              | 20,4/11,3-10,2 A |
| Rated speed:               | 3450 rpm         |
| Number of poles:           | 2                |
| Insulation class (IEC 85): | B                |
| Motor protection:          | NONE             |
| Motor Number:              | 84Z04007         |
| <b>Controls:</b>           |                  |
| Frequency converter:       | NONE             |
| <b>Others:</b>             |                  |
| Net weight:                | 81.9 lb          |
| Gross weight:              | 96.4 lb          |
| Shipping volume:           | 8.26 ft³         |
| Country of origin:         | US               |
| Custom tariff no.:         | 8413.70.2040     |

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**96081713 CRN 1S-19 A-P-A-V-HQQV 60 Hz**



All units are [in] unless otherwise presented.