


| Count | Description   |
|-------|---|
| 1     | <p data-bbox="225 163 544 190"><b>CRN 45-3-2 A-G-A-V-HQQV</b></p>  <p data-bbox="225 486 491 512">Product No.: <a href="#">96419278</a></p> <p data-bbox="225 546 1426 645">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via ANSI flanges.</p> <p data-bbox="225 687 959 714">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="225 748 336 775"><b>Controls:</b></p> <p data-bbox="225 777 660 804">Frequency converter: NONE</p> <p data-bbox="225 837 309 864"><b>Liquid:</b></p> <p data-bbox="225 866 660 893">Pumped liquid: Water</p> <p data-bbox="225 896 715 922">Liquid temperature range: -4 .. 194 °F</p> <p data-bbox="225 925 651 952">Selected liquid temperature: 68 °F</p> <p data-bbox="225 954 708 981">Density: 62.29 lb/ft<sup>3</sup></p> <p data-bbox="225 1014 349 1041"><b>Technical:</b></p> <p data-bbox="225 1043 695 1070">Rated pump speed: 3497 rpm</p> <p data-bbox="225 1072 727 1099">Rated flow: 238 US gpm</p> <p data-bbox="225 1102 671 1128">Rated head: 247.4 ft</p> <p data-bbox="225 1131 671 1158">Pump orientation: Vertical</p> <p data-bbox="225 1160 660 1187">Shaft seal arrangement: Single</p> <p data-bbox="225 1189 660 1216">Code for shaft seal: HQQV</p> <p data-bbox="225 1218 679 1245">Approvals on nameplate: CURUS</p> <p data-bbox="225 1247 788 1274">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="225 1308 344 1335"><b>Materials:</b></p> <p data-bbox="225 1337 751 1426">Base: Stainless steel<br/>EN 1.4408<br/>AISI 316</p> <p data-bbox="225 1429 751 1518">Impeller: Stainless steel<br/>EN 1.4401<br/>AISI 316</p> <p data-bbox="225 1520 671 1579">Bearing: SIC<br/>Support bearing: Graflon</p> <p data-bbox="225 1612 368 1639"><b>Installation:</b></p> <p data-bbox="225 1641 828 1758">Maximum ambient temperature: 104 °F<br/>Maximum operating pressure: 232.06 psi<br/>Max pressure at stated temperature: 232 psi / 194 °F<br/>232 psi / -4 °F</p> <p data-bbox="225 1760 708 1935">Type of connection: ANSI<br/>Size of suction port: 3 inch<br/>Size of outlet port: 3 inch<br/>Pressure rating for pipe connection: PN 16<br/>Flange rating inlet: 150 lb<br/>Flange size for motor: 254TC</p> <p data-bbox="225 1968 405 1995"><b>Electrical data:</b></p> <p data-bbox="225 1998 892 2087">Motor standard: NEMA<br/>Motor type: BALDOR<br/>IE Efficiency class: NEMA Premium / IE3 60Hz</p> |

| Count | Description                                   |
|-------|---|
|       | Rated power - P2: 20 HP                       |
|       | Power (P2) required by pump: 20 HP            |
|       | Main frequency: 60 Hz                         |
|       | Rated voltage: 3 x 208-230/460 V              |
|       | Service factor: 1.15                          |
|       | Rated current: 48-44/22 A                     |
|       | Rated speed: 3540 rpm                         |
|       | Number of poles: 2                            |
|       | Enclosure class (IEC 34-5): 54 Dust/Splashing |
|       | Insulation class (IEC 85): F                  |
|       | Motor Number: 84Z03971                        |
|       | <b>Others:</b>                                |
|       | Net weight: 464 lb                            |
|       | Gross weight: 482 lb                          |
|       | Shipping volume: 29 ft <sup>3</sup>           |
|       | Country of origin: US                         |
|       | Custom tariff no.: 8413.70.2040               |