


Count	Description
1	<p data-bbox="225 163 550 190">CRN 20-2 A-FGJ-A-V-HQQV</p>  <p data-bbox="225 486 491 512">Product No.: 96524113</p> <p data-bbox="225 544 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 combined DIN-ANSI-JIS flanges.</p> <p data-bbox="225 685 959 712">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="225 745 336 772">Controls:</p> <p data-bbox="225 775 660 801">Frequency converter: NONE</p> <p data-bbox="225 835 312 862">Liquid:</p> <p data-bbox="225 864 660 891">Pumped liquid: Water</p> <p data-bbox="225 893 715 920">Liquid temperature range: -4 .. 194 °F</p> <p data-bbox="225 922 651 949">Selected liquid temperature: 68 °F</p> <p data-bbox="225 952 708 978">Density: 62.29 lb/ft³</p> <p data-bbox="225 1012 352 1039">Technical:</p> <p data-bbox="225 1041 695 1068">Rated pump speed: 3461 rpm</p> <p data-bbox="225 1070 727 1097">Rated flow: 111 US gpm</p> <p data-bbox="225 1099 655 1126">Rated head: 104 ft</p> <p data-bbox="225 1128 675 1155">Pump orientation: Vertical</p> <p data-bbox="225 1158 660 1184">Shaft seal arrangement: Single</p> <p data-bbox="225 1187 663 1214">Code for shaft seal: HQQV</p> <p data-bbox="225 1216 679 1243">Approvals on nameplate: CURUS</p> <p data-bbox="225 1245 788 1272">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="225 1305 344 1332">Materials:</p> <p data-bbox="225 1335 751 1424">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="225 1426 751 1516">Impeller: Stainless steel EN 1.4401 AISI 316</p> <p data-bbox="225 1518 632 1545">Bearing: SIC</p> <p data-bbox="225 1579 368 1606">Installation:</p> <p data-bbox="225 1608 828 1720">Maximum ambient temperature: 140 °F Maximum operating pressure: 362.59 psi Max pressure at stated temperature: 363 psi / 194 °F 363 psi / -4 °F</p> <p data-bbox="225 1722 770 1749">Type of connection: DIN / ANSI / JIS</p> <p data-bbox="225 1751 660 1778">Size of inlet connection: DN 50</p> <p data-bbox="225 1780 660 1807">Size of outlet connection: DN 50</p> <p data-bbox="225 1809 708 1836">Pressure rating for pipe connection: PN 25</p> <p data-bbox="225 1839 660 1865">Flange rating inlet: 300 lb</p> <p data-bbox="225 1868 660 1895">Flange size for motor: 182TC</p> <p data-bbox="225 1928 405 1955">Electrical data:</p> <p data-bbox="225 1957 660 1984">Motor standard: NEMA</p> <p data-bbox="225 1986 660 2013">Motor type: 112CA</p> <p data-bbox="225 2016 892 2042">IE Efficiency class: NEMA Premium / IE3 60Hz</p> <p data-bbox="225 2045 644 2072">Rated power - P2: 5 HP</p>

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	Power (P2) required by pump: 5 HP Main frequency: 60 Hz 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 % 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 Number: 85904389 Others: Net weight: 168 lb Gross weight: 185 lb Shipping volume: 8.26 ft ³ Country of origin: US Custom tariff no.: 8413.70.2040