


Count	Description
1	<p data-bbox="225 163 539 192">CRN 5-8 A-FGJ-A-V-HQQV</p>  <p data-bbox="225 483 491 512">Product No.: 96085118</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="225 685 959 714">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="225 745 336 775">Controls:</p> <p data-bbox="225 775 660 804">Frequency converter: NONE</p> <p data-bbox="225 835 309 864">Liquid:</p> <p data-bbox="225 864 660 893">Pumped liquid: Water</p> <p data-bbox="225 893 715 922">Liquid temperature range: -4 .. 194 °F</p> <p data-bbox="225 922 651 952">Selected liquid temperature: 68 °F</p> <p data-bbox="225 952 708 981">Density: 62.29 lb/ft³</p> <p data-bbox="225 1012 349 1041">Technical:</p> <p data-bbox="225 1041 695 1070">Rated pump speed: 3461 rpm</p> <p data-bbox="225 1070 735 1099">Rated flow: 30.4 US gpm</p> <p data-bbox="225 1099 676 1128">Rated head: 196.2 ft</p> <p data-bbox="225 1128 671 1158">Pump orientation: Vertical</p> <p data-bbox="225 1158 660 1187">Shaft seal arrangement: Single</p> <p data-bbox="225 1187 660 1216">Code for shaft seal: HQQV</p> <p data-bbox="225 1216 679 1245">Approvals on nameplate: CURUS</p> <p data-bbox="225 1245 788 1274">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="225 1305 344 1335">Materials:</p> <p data-bbox="225 1335 751 1424">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="225 1424 751 1514">Impeller: Stainless steel EN 1.4401 AISI 316</p> <p data-bbox="225 1514 632 1543">Bearing: SIC</p> <p data-bbox="225 1574 368 1603">Installation:</p> <p data-bbox="225 1603 663 1632">Maximum ambient temperature: 140 °F</p> <p data-bbox="225 1632 703 1662">Maximum operating pressure: 362.59 psi</p> <p data-bbox="225 1662 828 1727">Max pressure at stated temperature: 363 psi / 194 °F 363 psi / -4 °F</p> <p data-bbox="225 1727 767 1756">Type of connection: DIN / ANSI / JIS</p> <p data-bbox="225 1756 695 1785">Size of inlet connection: DN 25/32</p> <p data-bbox="225 1785 695 1814">Size of outlet connection: DN 25/32</p> <p data-bbox="225 1814 708 1843">Pressure rating for pipe connection: PN 25</p> <p data-bbox="225 1843 660 1872">Flange rating inlet: 300 lb</p> <p data-bbox="225 1872 660 1901">Flange size for motor: 182TC</p> <p data-bbox="225 1933 405 1962">Electrical data:</p> <p data-bbox="225 1962 660 1991">Motor standard: NEMA</p> <p data-bbox="225 1991 660 2020">Motor type: 90FA</p> <p data-bbox="225 2020 892 2049">IE Efficiency class: NEMA Premium / IE3 60Hz</p> <p data-bbox="225 2049 644 2078">Rated power - P2: 3 HP</p>

Count	Description
	Power (P2) required by pump: 3 HP
	Main frequency: 60 Hz
	Rated voltage: 3 x 208-230YY/460Y V
	Service factor: 1.15
	Rated current: 8,35-7,80/3,9 A
	Starting current: 940-1040 %
	Cos phi - power factor: 0.89-0.86
	Rated speed: 3510-3530 rpm
	IE efficiency: IE3 86,5%
	Motor efficiency at full load: 86.5 %
	Motor efficiency at 3/4 load: 86.5 %
	Motor efficiency at 1/2 load: 84.0 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor Number: 85903977
	Others:
	Net weight: 93.8 lb
	Gross weight: 108 lb
	Shipping volume: 8.26 ft ³
	Country of origin: US
	Custom tariff no.: 8413.70.2040