

Qty.	Description
1	CRN 20-12 A-FGJ-A-E-HQQE  Product No.: 96500577 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. The pump is fitted with a 3-phase, fan-cooled asynchronous motor. Controls: Frequency converter: NONE Liquid: Pumped liquid: Water Liquid temperature range: -20 .. 120 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2923 rpm Rated flow: 21 m³/h Rated head: 142.7 m Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CE, EAC, ACS Curve tolerance: ISO9906:2012 3B Materials: Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Bearing: SIC Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C Type of connection: DIN / ANSI / JIS Size of inlet connection: DN 50 Size of outlet connection: DN 50 Pressure rating for pipe connection: PN 25 Flange rating inlet: 300 lb Flange size for motor: FF300

Qty.	Description
	Electrical data: Motor standard: IEC Motor type: 160MD IE Efficiency class: IE3 Rated power - P2: 15 kW Power (P2) required by pump: 15 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y V Rated current: 28,0-26,0/16,2-15,6 A Starting current: 660-780 % Cos phi - power factor: 0.89-0.87 Rated speed: 2930-2950 rpm Efficiency: IE3 91,9% Motor efficiency at full load: 91.9-91.9 % Motor efficiency at 3/4 load: 92.4 % Motor efficiency at 1/2 load: 92.4 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U17526 Others: Minimum efficiency index, MEI $\geq$: 0.70 Net weight: 162 kg Gross weight: 190 kg Shipping volume: 0.488 m³