


Position	Qty.	Description
	1	<p><b>CRI 1S-3 A-FGJ-I-E-HQQE</b></p>  <p>Product No.: <a href="#">96527515</a></p> <p>Vertical, multistage centrifugal pump with suction and discharge ports on same the level (in-line) enabling installation in a horizontal one-pipe system. Pump materials in contact with the liquid are in stainless steel. Power transmission is via a rigid split coupling. Pipework connection is via combined DIN-ANSI-JIS flanges.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p><b>Liquid:</b>  Pumped liquid: Water  Liquid temperature range: -20 .. 120 °C  Liquid temperature during operation: 20 °C  Density: 998.2 kg/m<sup>3</sup></p> <p><b>Technical:</b>  Speed for pump data: 2873 rpm  Rated flow: 0.9 m<sup>3</sup>/h  Rated head: 12.8 m  Pump orientation: Vertical  Shaft seal arrangement: Single  Code for shaft seal: HQQE  Approvals on nameplate: CE, EAC,ACS  Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b>  Base: Stainless steel  EN 1.4408  AISI 316  Impeller: Stainless steel  EN 1.4301  AISI 304  Bearing: SIC</p> <p><b>Installation:</b>  Maximum ambient temperature: 40 °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 25/32  1 1/4 inch  Size of outlet connection: DN 25/32  1 1/4 inch  Pressure rating for pipe connection: PN 25  Flange rating inlet: 300 lb  Flange size for motor: FT85</p>

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		<p><b>Electrical data:</b></p> <p>Motor standard: IEC</p> <p>Motor type: 71A</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 0.37 kW</p> <p>Power (P2) required by pump: 0.37 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 1,74/1,00 A</p> <p>Starting current: 490-530 %</p> <p>Cos phi - power factor: 0,80-0,70</p> <p>Rated speed: 2850-2880 rpm</p> <p>Efficiency: IE3 73,8%</p> <p>Motor efficiency at full load: 73.8 %</p> <p>Motor efficiency at 3/4 load: 79.0 %</p> <p>Motor efficiency at 1/2 load: 75.5 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p><b>Controls:</b></p> <p>Frequency converter: NONE</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI : 0.54</p> <p>Net weight: 20.8 kg</p> <p>Gross weight: 23.4 kg</p> <p>Shipping volume: 0.054 m<sup>3</sup></p>