


Qty.	Description
1	<p>CRN 95-3-2 A-F-A-E-HQQE</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: 99141761</p> <p>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. The Grundfos 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 DIN flanges.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -20 .. 120 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p>Technical:</p> <p>Pump speed on which pump data are based: 2952 rpm</p> <p>Rated flow: 95 m³/h</p> <p>Rated head: 55.2 m</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Primary shaft seal: HQQE</p> <p>Code for shaft seal: HQQE</p> <p>Approvals: CE,EAC,UKCA,SEPRO</p> <p>Approvals for drinking water: ACS</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Type key, code for materials: A</p> <p>Type key, code for rubber components. E = EPDM, V=FKM: E</p> <p>Base: Stainless steel EN 1.4408 ASTM A351 CF8M</p> <p>Impeller: Stainless steel EN 1.4401 AISI 316</p> <p>Bearing: WC/WC</p> <p>Support bearing: Graflon</p> <p>Material certified according to: European standards</p>

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1	<p>Installation:</p> <p>Maximum ambient temperature: 60 °C</p> <p>Maximum operating pressure: 16 bar</p> <p>Max pressure at stated temp: 16 bar / 120 °C</p> <p>Type of connection: DIN</p> <p>Size of inlet connection: DN 100</p> <p>Size of outlet connection: DN 100</p> <p>Pressure rating for connection: PN 16</p> <p>Flange size for motor: FF300</p> <p>Terminal box position: 6</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 160LB</p> <p>Rated power - P2: 18.5 kW</p> <p>Power (P2) required by pump: 18.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415D/660-690Y V</p> <p>Rated current: 34,5-32,5/20,0-18,8 A</p> <p>Starting current: 830-980 %</p> <p>Cos phi - power factor: 0.89-0.85</p> <p>Rated speed: 2940-2950 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 92.4 %</p> <p>Motor efficiency at 3/4 load: 93.2-93.0 %</p> <p>Motor efficiency at 1/2 load: 93.2-92.2 %</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>Motor No: 85U17528</p> <p>Controls:</p> <p>Terminal box position: 6</p> <p>Frequency converter: None</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.70</p> <p>Net weight: 222 kg</p> <p>Gross weight: 265 kg</p> <p>Shipping volume: 0.611 m³</p> <p>Danish VVS No.: 386935232</p> <p>Finnish LVI No.: 4925616</p> <p>Thrust handling device (Yes/No): N</p>