



Company name:

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Phone:

Date:

03/06/2022

Qty.	Description																																																		
1	<p>CR 10-12 A-FJ-A-E-HQQE</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: 96501220</p> <p>Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in 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-JIS flanges.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Liquid:</p> <table> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Liquid temperature range:</td> <td>-20 .. 120 °C</td> </tr> <tr> <td>Selected liquid temperature:</td> <td>20 °C</td> </tr> <tr> <td>Density:</td> <td>998.2 kg/m³</td> </tr> </table> <p>Technical:</p> <table> <tr> <td>Pump speed on which pump data are based:</td> <td>2917 rpm</td> </tr> <tr> <td>Rated flow:</td> <td>10 m³/h</td> </tr> <tr> <td>Rated head:</td> <td>96.7 m</td> </tr> <tr> <td>Pump orientation:</td> <td>Vertical</td> </tr> <tr> <td>Shaft seal arrangement:</td> <td>Single</td> </tr> <tr> <td>Code for shaft seal:</td> <td>HQQE</td> </tr> <tr> <td>Approvals:</td> <td>CE,EAC,UKCA,SEPRO</td> </tr> <tr> <td>Approvals for drinking water:</td> <td>WRAS,ACS</td> </tr> <tr> <td>Curve tolerance:</td> <td>ISO9906:2012 3B</td> </tr> </table> <p>Materials:</p> <table> <tr> <td>Base:</td> <td>Cast iron EN 1561 EN-GJL-200 ASTM A48-25B</td> </tr> <tr> <td>Impeller:</td> <td>Stainless steel EN 1.4301 AISI 304</td> </tr> <tr> <td>Bearing:</td> <td>SIC</td> </tr> </table> <p>Installation:</p> <table> <tr> <td>t max amb:</td> <td>60 °C</td> </tr> <tr> <td>Maximum operating pressure:</td> <td>16 bar</td> </tr> <tr> <td>Max pressure at stated temp:</td> <td>16 bar / 120 °C 16 bar / -20 °C</td> </tr> </table> <table> <tr> <td>Type of connection:</td> <td>DIN / JIS</td> </tr> <tr> <td>Size of inlet connection:</td> <td>DN 40</td> </tr> <tr> <td>Size of outlet connection:</td> <td>DN 40</td> </tr> <tr> <td>Pressure rating for connection:</td> <td>PN 25</td> </tr> <tr> <td>Flange rating inlet:</td> <td>300 lb</td> </tr> <tr> <td>Flange size for motor:</td> <td>FT130</td> </tr> </table> <p>Electrical data:</p>	Pumped liquid:	Water	Liquid temperature range:	-20 .. 120 °C	Selected liquid temperature:	20 °C	Density:	998.2 kg/m ³	Pump speed on which pump data are based:	2917 rpm	Rated flow:	10 m ³ /h	Rated head:	96.7 m	Pump orientation:	Vertical	Shaft seal arrangement:	Single	Code for shaft seal:	HQQE	Approvals:	CE,EAC,UKCA,SEPRO	Approvals for drinking water:	WRAS,ACS	Curve tolerance:	ISO9906:2012 3B	Base:	Cast iron EN 1561 EN-GJL-200 ASTM A48-25B	Impeller:	Stainless steel EN 1.4301 AISI 304	Bearing:	SIC	t max amb:	60 °C	Maximum operating pressure:	16 bar	Max pressure at stated temp:	16 bar / 120 °C 16 bar / -20 °C	Type of connection:	DIN / JIS	Size of inlet connection:	DN 40	Size of outlet connection:	DN 40	Pressure rating for connection:	PN 25	Flange rating inlet:	300 lb	Flange size for motor:	FT130
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	<p>Motor standard: IEC</p> <p>Motor type: 112MC</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 4 kW</p> <p>Power (P2) required by pump: 4 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415D V</p> <p>Rated current: 7.9 A</p> <p>Starting current: 1000-1110 %</p> <p>Cos phi - power factor: 0.87-0.87</p> <p>Rated speed: 2920-2940 rpm</p> <p>Efficiency: IE3 88,1%</p> <p>Motor efficiency at full load: 88.1 %</p> <p>Motor efficiency at 3/4 load: 88.6 %</p> <p>Motor efficiency at 1/2 load: 85.2 %</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: 85U15413</p> <p>Controls:</p> <p>Frequency converter: NONE</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.70</p> <p>Net weight: 76 kg</p> <p>Gross weight: 80 kg</p> <p>Shipping volume: 0.13 m³</p> <p>Danish VVS No.: 385903512</p> <p>Swedish RSK No.: 5823466</p> <p>Finnish LVI No.: 4925425</p> <p>Country of origin: SG</p> <p>Custom tariff no.: 84137042</p>