


Position	Qty.	Description																																										
	1	<div><div></div><div><p>Note! Product picture may differ from actual product</p><p>Product No.: 96835683</p><p>Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage.</p><p>The pump is designed for intermittent and continuous operations in submerged installation. The efficient SuperVortex impeller provides passage of long fibres and solids up to 80 mm and is suitable for wastewater with a dry matter content of up to 5 %.</p><p>A unique stainless-steel clamp assembling system enables quick and easy disassembly of the pump from the motor unit for service and inspection. No special tools are required. Pipework connection is via a DIN flange.</p><p>The pump is explosion-proof.</p><p>Controls:</p><table><tr><td>Moisture sensor:</td><td>without moisture sensors</td></tr><tr><td>Water-in-oil sensor:</td><td>without water-in-oil sensor</td></tr></table><p>Liquid:</p><table><tr><td>Pumped liquid:</td><td>Any Newtonian liquid</td></tr><tr><td>Maximum liquid temperature:</td><td>40 °C</td></tr><tr><td>Density:</td><td>998.2 kg/m³</td></tr></table><p>Technical:</p><table><tr><td>Actual calculated flow:</td><td>3.53 l/s</td></tr><tr><td>Resulting head of the pump:</td><td>11.69 m</td></tr><tr><td>Type of impeller:</td><td>SUPER VORTEX</td></tr><tr><td>Maximum particle size:</td><td>80 mm</td></tr><tr><td>Primary shaft seal:</td><td>SIC/SIC</td></tr><tr><td>Secondary shaft seal:</td><td>CARBON/CERAMICS</td></tr><tr><td>Approvals on nameplate:</td><td>CE0344 EX II2 G</td></tr><tr><td>Curve tolerance:</td><td>ISO 9906:2012 Grade 3B</td></tr></table><p>Materials:</p><table><tr><td>Pump housing:</td><td>Cast iron EN-GJL-200</td></tr><tr><td>Impeller:</td><td>Cast iron EN-GJL-200</td></tr><tr><td>Motor:</td><td>EN-GJL-200</td></tr></table><p>Installation:</p><table><tr><td>Maximum ambient temperature:</td><td>40 °C</td></tr><tr><td>Flange standard:</td><td>DIN</td></tr><tr><td>Pump inlet:</td><td>80</td></tr><tr><td>Pump outlet:</td><td>80</td></tr><tr><td>Pressure rating:</td><td>PN 10</td></tr></table></div></div>	Moisture sensor:	without moisture sensors	Water-in-oil sensor:	without water-in-oil sensor	Pumped liquid:	Any Newtonian liquid	Maximum liquid temperature:	40 °C	Density:	998.2 kg/m³	Actual calculated flow:	3.53 l/s	Resulting head of the pump:	11.69 m	Type of impeller:	SUPER VORTEX	Maximum particle size:	80 mm	Primary shaft seal:	SIC/SIC	Secondary shaft seal:	CARBON/CERAMICS	Approvals on nameplate:	CE0344 EX II2 G	Curve tolerance:	ISO 9906:2012 Grade 3B	Pump housing:	Cast iron EN-GJL-200	Impeller:	Cast iron EN-GJL-200	Motor:	EN-GJL-200	Maximum ambient temperature:	40 °C	Flange standard:	DIN	Pump inlet:	80	Pump outlet:	80	Pressure rating:	PN 10
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		<p>Maximum installation depth: 20 m</p> <p>Frame range: B</p> <p>Electrical data:</p> <p>Power input - P1: 2.7 kW</p> <p>Rated power - P2: 2.2 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415 V</p> <p>Voltage tolerance: +10/-10 %</p> <p>Max starts per. hour: 20</p> <p>Rated current: 5.3 A</p> <p>Rated current at 3/4 load: 4.2 A</p> <p>Rated current at 1/2 load: 3.5 A</p> <p>Starting current: 38.3 A</p> <p>Rated current at no load: 2.7 A</p> <p>Cos phi - power factor: 0.77</p> <p>Cos phi - p.f. at 3/4 load: 0.70</p> <p>Cos phi - p.f. at 1/2 load: 0.58</p> <p>Rated speed: 1460 rpm</p> <p>Number of poles: 4</p> <p>Start. method: direct-on-line</p> <p>Enclosure class (IEC 34-5): IP68</p> <p>Insulation class (IEC 85): F</p> <p>Length of cable: 10 m</p> <p>Cable type: LYNIFLEX</p> <p>Others:</p> <p>Net weight: 106 kg</p>