


Qty.	Description
1	<p><b>NK 80-225/139 AA1F1S3ESBQQEHW3</b></p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: <a href="#">92775243</a></p> <p>Non-self-priming, single-stage, centrifugal pump designed according to ISO 5199 with dimensions and rated performance according to EN 733. Flanges are PN 10 with dimensions according to EN 1092-2. The pump has an axial suction port, a radial discharge port and horizontal shaft. It is of the back pull-out design enabling removal of the motor, coupling, bearing bracket and impeller without disturbing the pump housing or pipework.</p> <p>The unbalanced rubber bellows seal is according to DIN EN 12756.</p> <p>The pump is fitted with a foot-mounted, fan-cooled asynchronous motor. Pump and motor are mounted on a common base frame.</p> <p>Controls:</p> <p>Frequency converter: None</p> <p>Pressure sensor: N</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -13 .. 248 °F</p> <p>Selected liquid temperature: 68 °F</p> <p>Density: 62.29 lb/ft<sup>3</sup></p> <p>Technical:</p> <p>Pump speed on which pump data are based: 1420 rpm</p> <p>Rated flow: 275 US GPM</p> <p>Pump with motor (Yes/No): Y</p> <p>Rated head: 16.09 ft</p> <p>Actual impeller diameter: 5.47 in</p> <p>Nominal impeller diameter: 225</p> <p>Primary shaft seal: BQQE</p> <p>Code for shaft seal: BQQE</p> <p>Mechanical seal type: Single</p> <p>Curve tolerance: ISO9906:2012 2B</p> <p>Bearing design: Standard</p> <p>Materials:</p> <p>Type key, code for materials: S3</p> <p>Type key, code for rubber components. E = EPDM, V=FKM: E</p> <p>Pump housing: Cast iron</p> <p>EN 1561 EN-GJL-250</p> <p>ASTM A48-35</p>



Company name:

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1	<p>Impeller: Stainless steel EN 1.4308 ASTM A351 CF8</p> <p>Pump house, internal coating: Painting</p> <p>Shaft: Steel EN 1.0503/1.4301 AISI 1045/304</p> <p>Installation:</p> <p>Maximum ambient temperature: 104 °F</p> <p>Maximum operating pressure: 145.04 psi</p> <p>Pipe connection standard: EN 1092-2</p> <p>Type of inlet connection: DIN</p> <p>Type of outlet connection: DIN</p> <p>Size of inlet connection: DN 100 4 inch</p> <p>Size of outlet connection: DN 80 3 inch</p> <p>Pressure rating for connection: PN 10</p> <p>Coupling type: Flexible w/o spacer</p> <p>Base frame design: C-channel</p> <p>Code for base frame: 303</p> <p>Grouting (Yes/No): N</p> <p>Electrical data:</p> <p>Motor type: 90L</p> <p>Rated power - P2: 2 HP</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-230D/380-400Y V</p> <p>Rated current: 5,99-5,73/3,47-3,30 A</p> <p>Starting current: 700 %</p> <p>Cos phi - power factor: 0.77</p> <p>Rated speed: 1420 rpm</p> <p>IE efficiency: IE3 85,3%</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 85.3 %</p> <p>Motor efficiency at 3/4 load: 84.9 %</p> <p>Motor efficiency at 1/2 load: 83.1 %</p> <p>Number of poles: 4</p> <p>Enclosure class (IEC 34-5): 55 (Protect. water jets/dust)</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 99547605</p> <p>Bearing insulation type N-end: Steel bearing</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.70</p> <p>DOE Pump Energy Index CL: 0.00</p>



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1	DOE Pump Energy Index VL: 0.00 Net weight: 336 lb Gross weight: 393 lb Shipping volume: 17.5 ft <sup>3</sup> Language on pump nameplate: CN