



Company name:

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Date:

12/01/2026

Qty.	Description
1	<p>NK 80-225/156 AA1F1S3ESBQQEIW3</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: 93330986</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: Frequency converter: None Pressure sensor: N</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: -13 .. 248 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft³</p> <p>Technical: Pump speed on which pump data are based: 1435 rpm Rated flow: 347 US GPM Pump with motor (Yes/No): Y Rated head: 21.7 ft Actual impeller diameter: 6.14 in Nominal impeller diameter: 225 Primary shaft seal: BQQE Code for shaft seal: BQQE Mechanical seal type: Single Curve tolerance: ISO9906:2012 2B Bearing design: Standard</p> <p>Materials: Type key, code for materials: S3 Type key, code for rubber components. E = EPDM, V=FKM: E Pump housing: Cast iron EN 1561 EN-GJL-250 ASTM A48-35</p>



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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</p> <p>Size of outlet connection: DN 80</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: 304</p> <p>Grouting (Yes/No): N</p> <p>Electrical data:</p> <p>Motor type: 100L</p> <p>Rated power - P2: 3 HP</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-230/380-400 V</p> <p>Rated current: 8,17-7,81/4,73-4,49 A</p> <p>Starting current: 900 %</p> <p>Cos phi - power factor: 0.79</p> <p>Rated speed: 1435 rpm</p> <p>IE efficiency: IE4 89,5%</p> <p>IE Efficiency class: IE4</p> <p>Motor efficiency at full load: 89.5 %</p> <p>Motor efficiency at 3/4 load: 89.7 %</p> <p>Motor efficiency at 1/2 load: 89.2 %</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: 92816756</p> <p>Bearing insulation type N-end: N</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.70</p> <p>Net weight: 356 lb</p> <p>Gross weight: 420 lb</p> <p>Shipping volume: 20.2 ft³</p>



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1	Language on pump nameplate: CN