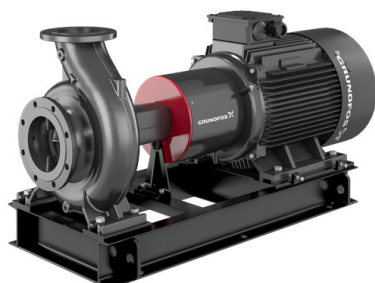


Qty.	Description
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1	NK 80-225/156 AA1F1S3ESBQQEIW3
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Note! Product picture may differ from actual product

Product No.: [93330986](#)

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.

The unbalanced rubber bellows seal is according to DIN EN 12756.

The pump is fitted with a foot-mounted, fan-cooled asynchronous motor. Pump and motor are mounted on a common base frame.

Controls:

Frequency converter: None

Pressure sensor: N

Liquid:

Pumped liquid: Water

Liquid temperature range: -13 .. 248 °F

Selected liquid temperature: 68 °F

Density: 62.29 lb/ft³

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

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



Company name:

Created by:

Phone:

Date:

12/01/2026

Qty.	Description
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>



Company name:

Created by:

Phone:

Date:

12/01/2026

Qty.	Description
1	Language on pump nameplate: CN