

Qty.	Description
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1	NK 80-200/188 AA1F2AESBAQERW1
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Note! Product picture may differ from actual product

Product No.: [98313059](#)

Non-self-priming, single-stage, centrifugal pump designed according to ISO 5199 with dimensions and rated performance according to EN 733. Flanges are PN 16 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: 0 .. 120 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2955 rpm

Rated flow: 181.7 m³/h

Pump with motor (Yes/No): Y

Rated head: 40.39 m

Actual impeller diameter: 188 mm

Nominal impeller diameter: 200

Primary shaft seal: BAQE

Code for shaft seal: BAQE

Mechanical seal type: Single

Curve tolerance: ISO9906:2012 3B

Bearing design: Standard

Materials:

Type key, code for materials: A

Type key, code for rubber components. E = EPDM, V=FKM: E

Pump housing: Cast iron

EN-GJL-250

ASTM class 35

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1	<p>Wear ring: Brass CuZn34Mn3Al2Fe1-C</p> <p>Impeller: Cast iron EN-GJL-200 ASTM class 30</p> <p>Pump house, internal coating: CED</p> <p>Shaft: Stainless steel EN 1.4301 AISI 304</p> <p>Installation:</p> <p>Maximum ambient temperature: 55 °C</p> <p>Maximum operating pressure: 16 bar</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 16</p> <p>Coupling type: Flexible w/o spacer</p> <p>Base frame design: EN/ISO</p> <p>Code for base frame: 8 ST</p> <p>Grouting (Yes/No): N</p> <p>Electrical data:</p> <p>Motor type: INNOMOTICS</p> <p>Rated power - P2: 30 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-420D/660-725Y V</p> <p>Rated current: 53/31 A</p> <p>Starting current: 700 %</p> <p>Cos phi - power factor: 0.87</p> <p>Rated speed: 2955 rpm</p> <p>IE efficiency: IE3 93,3%</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 93.3 %</p> <p>Motor efficiency at 3/4 load: 93.5 %</p> <p>Motor efficiency at 1/2 load: 92.9 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): IP55</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 98943360</p> <p>Bearing insulation type N-end: Steel bearing</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.65</p> <p>Net weight: 440 kg</p>



Company name:

Created by:

Phone:

Date:

12/01/2026

Qty.	Description
1	<div>Gross weight: 467 kg</div> <div>Shipping volume: 0.962 m³</div> <div>Language on pump nameplate: GB</div>