

## Seal-less pumps

### HN (Nikkiso-KSB)\* Chemical canned motor pump with explosion protection



DN	32 - 300
Q [m³/h]	max. 800
H [m]	max. 200
p [bar]	max. 40
T [°C]	max. +180

Data for 50 Hz operation

**Design:** Horizontal (HN) or vertical (BN / TN), seal-less, single-stage pump with fully enclosed canned motor, uncooled, coolable or heatable. ATEX-compliant version available.

**Applications:** Handling of aggressive, flammable, explosive, toxic, volatile or valuable liquids in the chemical and petrochemical industry.

also available in 60 Hz

### HT (Nikkiso-KSB)\* Chemical canned motor pump with explosion protection for special applications



DN	32 - 300
Q [m³/h]	max. 800
H [m]	max. 200
p [bar]	max. 40
T [°C]	max. +400

Data for 50 Hz operation

**Design:** Horizontal (HT) or vertical (BT / TT), seal-less, single-stage pump with fully enclosed canned motor, coolable. ATEX-compliant version available.

**Applications:** Handling of aggressive, solids-containing, polymerizing, flammable, explosive, toxic, volatile or valuable liquids as well as thermal oils in the chemical and petrochemical industry.

also available in 60 Hz

### HK (Nikkiso-KSB)\* Two-stage canned motor pump with explosion protection



DN	25 - 40
Q [m³/h]	max. 10
H [m]	max. 300
p [bar]	max. 40
T [°C]	max. +150
n [min⁻¹]	max. 8400

Data for n = 8400 min⁻¹

**Design:** Horizontal, seal-less pump with fully enclosed canned motor, two-stage design in tandem arrangement. ATEX-compliant version available.

**Applications:** Handling of aggressive, flammable, explosive, toxic, volatile or valuable liquids in the chemical and petrochemical industry. For small flow rates, high discharge heads and low NPSH<sub>r</sub>.

high speed, up to 130 Hz

### VN (Nikkiso-KSB)\* Multistage canned motor pump with explosion protection



DN	40 - 100
Q [m³/h]	max. 140
H [m]	max. 450
p [bar]	max. 40
T [°C]	max. +180

Data for 50 Hz operation

**Design:** Horizontal, seal-less pump with fully enclosed canned motor, multistage. ATEX-compliant version available.

**Applications:** Handling of aggressive, flammable, explosive, toxic, volatile or valuable liquids in the chemical and petrochemical industry. For high discharge heads.

also available in 60 Hz

### DN (Nikkiso-KSB)\* Self-priming canned motor pump with explosion protection



DN	32 - 50
Q [m³/h]	max. 40
H [m]	max. 60
p [bar]	max. 40
T [°C]	max. +180

Data for 50 Hz operation

**Design:** Horizontal, seal-less pump with fully enclosed canned motor, single-stage, self-priming. ATEX-compliant version available.

**Applications:** Handling of aggressive, flammable, explosive, toxic, volatile or valuable liquids in the chemical and petrochemical industry. Self-priming pump for draining of tanks and unloading of tanks and tank trucks.

also available in 60 Hz