

Process pumps

API series (Nikkiso-KSB)* Refinery pump



DN	1½ - 6
Q [m³/h]	max. 360
H [m]	max. 220
p [bar]	max. 40
T [°C]	max. +450

Data for 50 Hz operation

Design: Horizontal or vertical canned motor pump to API 685, single-stage, with centreline pump feet; also available with inducer.

Applications: HNP: for clean liquids; HTP: for hot fluids; HSP / HMP: for contaminated or polymerising fluids; HRP: for fluids with a steep vapour pressure curve such as liquefied gases.

also available in 60 Hz

CHTR BB5 high-pressure pump to API 610



DN	50 - 150
Q [m³/h]	max. 900
H [m]	max. 2500
p [bar]	max. 250
T [°C]	max. +400
n [min ⁻¹]	max. 7000

Data for 50 Hz operation,
higher values available upon request

Design: Horizontal, high-pressure barrel-type pump with radial impellers, single- and double-entry, multistage, with flanges / weld end nozzles to DIN, API 610 and ANSI.

Applications: In refineries, in the petrochemical industry and in steam generation plants.

Reference no. 2701

also available in 60 Hz

YNKR BB2 process pump to API 610



DN	125 - 500
Q [m³/h]	max. 3800
H [m]	max. 390
p [bar]	max. 60
T [°C]	max. +400
n [min ⁻¹]	max. 3600

Data for 50 Hz operation,
higher values available upon request

Design: Horizontal, radially split, single-stage, double-entry pump with single or double volute casing made of cast steel, in accordance with API 610.

Applications: In refineries, in the petrochemical industry, solarthermal power plants and in steam generation plants.

Reference no. 1139.21

also available in 60 Hz

CINCP / CINCN Vertical immersion pump for sumps and tanks



DN	32 - 200
Q [m³/h]	max. 780
H [m]	max. 105
p [bar]	max. 10
T [°C]	-10 to +100
n [min ⁻¹]	max. 3000

Data for 50 Hz operation

Design: Centrifugal vertical sump pump in cantilever design, for wet or dry well installation. Semi-open impeller, pump shaft without guide bearing, supported by ball bearings in the upper section. Supplied with discharge pipe extending above the baseplate (CINCP) or without discharge pipe (CINCN). ATEX-compliant version available.

Applications: Chemical and petrochemical industry, raw materials extraction processes and waste water management.

Hyamaster

also suitable for 60 Hz operation

INVCP / INVCN Vertical immersion pump for sumps and tanks



DN	32 - 300
Q [m³/h]	max. 1600
H [m]	max. 116
p [bar]	max. 10
T [°C]	-10 to +100
n [min ⁻¹]	max. 3000

Data for 50 Hz operation

Design: Centrifugal vertical sump pump, for wet or dry well installation, available with closed or semi-open impeller. Supplied with discharge pipe extending above the baseplate (INVCP) or without discharge pipe (INVCN). ATEX-compliant version available.

Applications: Handling of chemically aggressive, slightly contaminated or solids-laden fluids in the chemical and petrochemical industries.

Hyamaster

also suitable for 60 Hz operation

