

150 YEARS
People. Passion. Performance.

KSB Product Presentation

People. Passion. Performance.

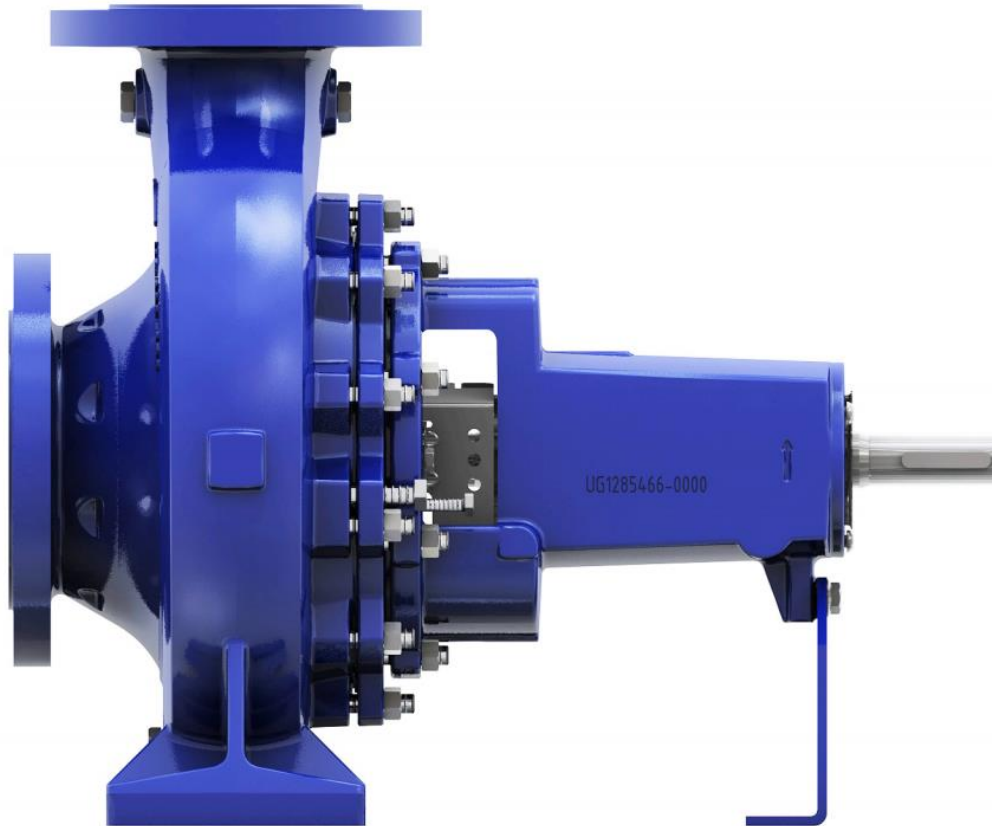
6 January 2023





Basics

Etanorm



Overhung End-Suction Pump

DN	25 - 150
Q [m ³ /h]	≤ 640
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140

Applications

Pumping clean or aggressive liquids not chemically or mechanically aggressive to the pump materials in water supply systems, cooling circuits, swimming pools, fire-fighting systems, irrigation systems, drainage systems, heating systems, air-conditioning systems, spray irrigation systems

Etabloc



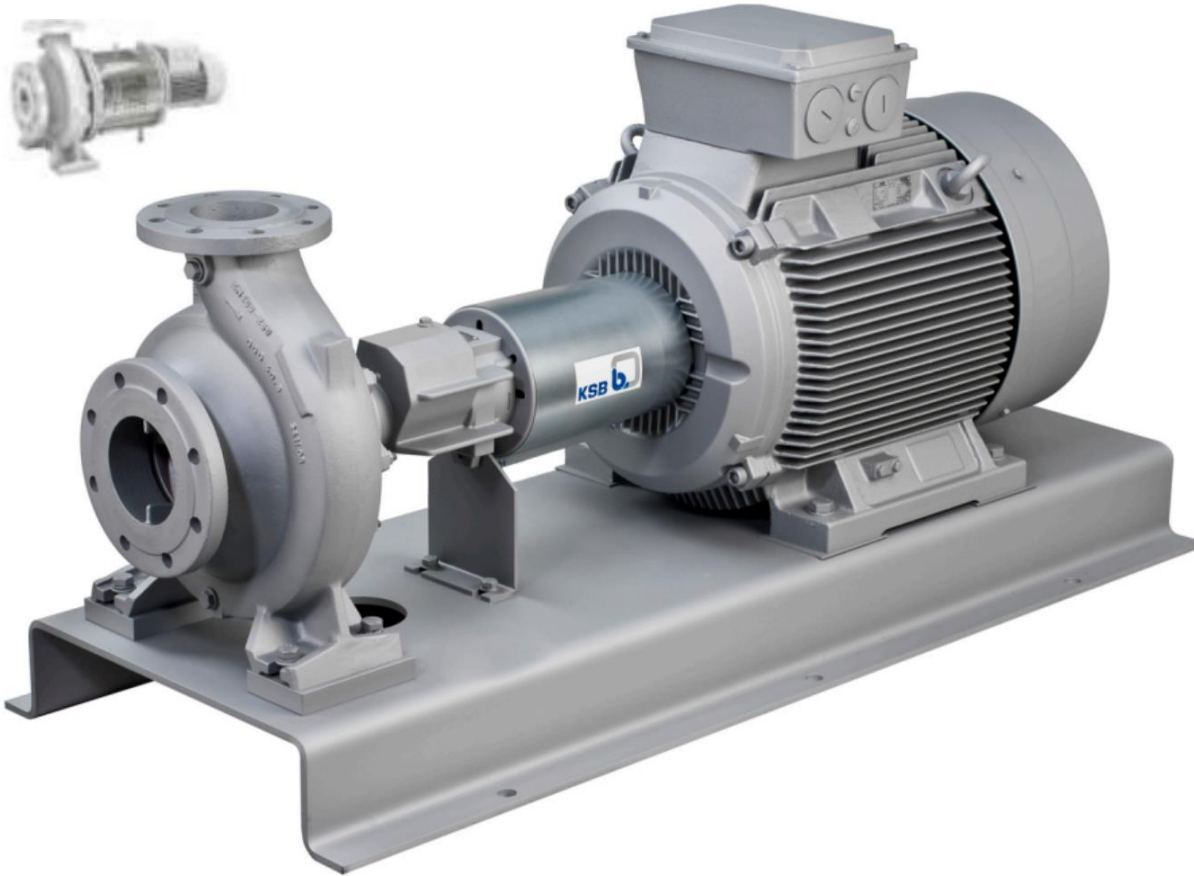
Overhung Close-coupled Pump

DN	25 - 150
Q [m ³ /h]	≤ 660
H [m]	≤ 140
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140

Applications

Pumping clean or aggressive liquids not chemically or mechanically aggressive to the pump materials in water supply systems, cooling circuits, swimming pools, fire-fighting systems, irrigation systems, drainage systems, heating systems, air-conditioning systems, spray irrigation systems

Etanorm SYT Etabloc SYT



Overhung

End-Suction Pump for High Temperature

DN	25 - 300
Q [m ³ /h]	≤ 1900
H [m]	≤ 102
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +350

Applications

Heat transfer systems, hot water
recirculation

HPK-L



Overhung

End-Suction Pump for High Temperature

DN	25 - 250
Q [m ³ /h]	≤ 1160
H [m]	≤ 162
p [bar]	≤ 40
T [°C]	≥ -40 - ≤ +400

Applications

Pumping hot water and thermal oil in piping systems or tank systems, particularly in medium-sized and large hot-water heating systems, forced circulation boilers, district heating systems

MegaCPK



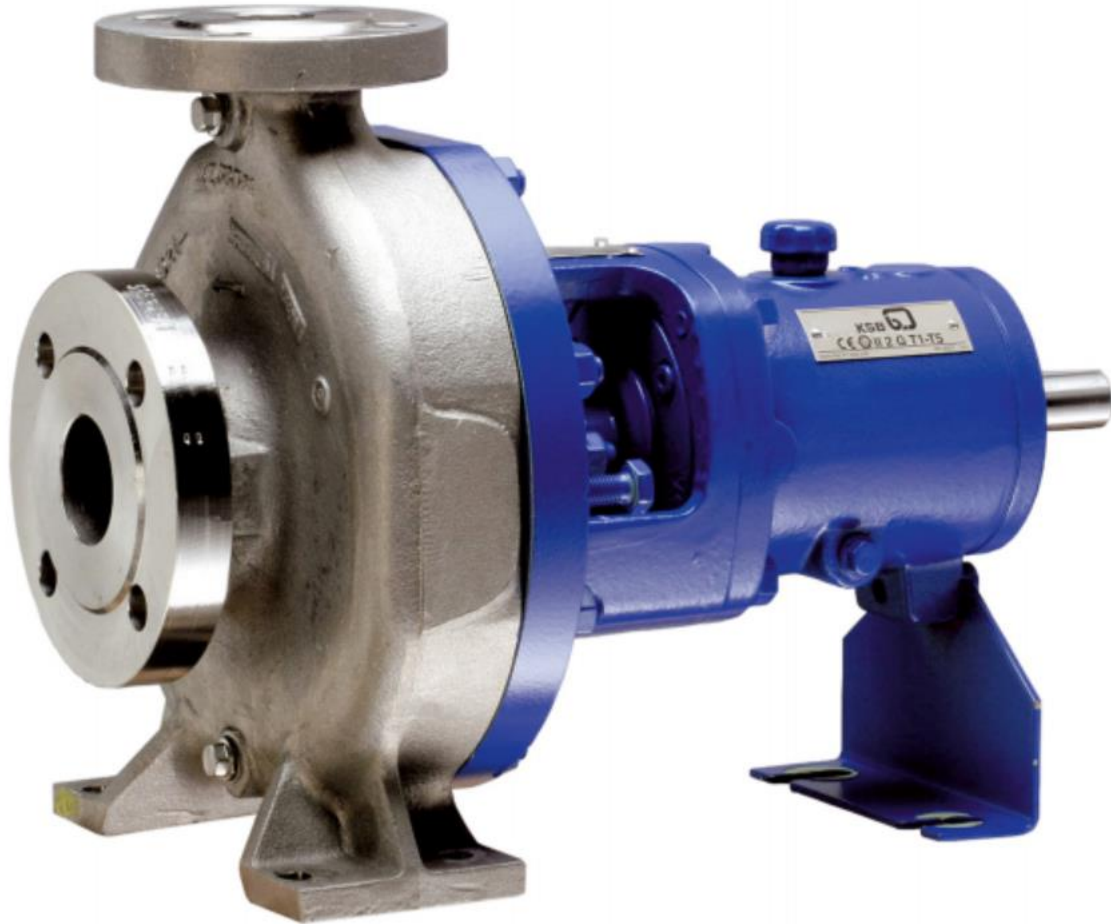
Overhung Chemical Pump

DN	25 - 250
Q [m ³ /h]	≤ 1160
H [m]	≤ 162
p [bar]	≤ 25
T [°C]	≥ -40 - ≤ +400

Applications

Pumping aggressive, toxic, explosive, valuable, flammable, malodorous or harmful liquids in the chemical and petrochemical industries, in refineries, power stations and desalination plants as well as in the food industry and general industry.

CPK



Overhung Chemical Pump

DN	400
Q [m ³ /h]	≤ 4150
H [m]	≤ 185
p [bar]	≤ 25
T [°C]	≥ -40 - ≤ +400

Applications

Pumping aggressive, toxic, explosive, valuable, flammable, malodorous or harmful liquids in the chemical and petrochemical industries, in refineries, power stations and desalination plants as well as in the food industry and general industry.

KWP



KWP-bloc

Overhung Solids-laden Fluids Pump

DN	40 - 900
Q [m ³ /h]	≤ 15000
H [m]	≤ 100
p [bar]	≤ 10
T [°C]	≥ -40 - ≤ +140

Applications

Paper industry, cellulose industry, sugar industry, food industry, power plants, chemical industry, petrochemical industry, flue gas desulphurization, coal upgrading plants, industrial engineering, waste water transport, seawater desalination / reverse osmosis

Etaprime L



Etaprime B



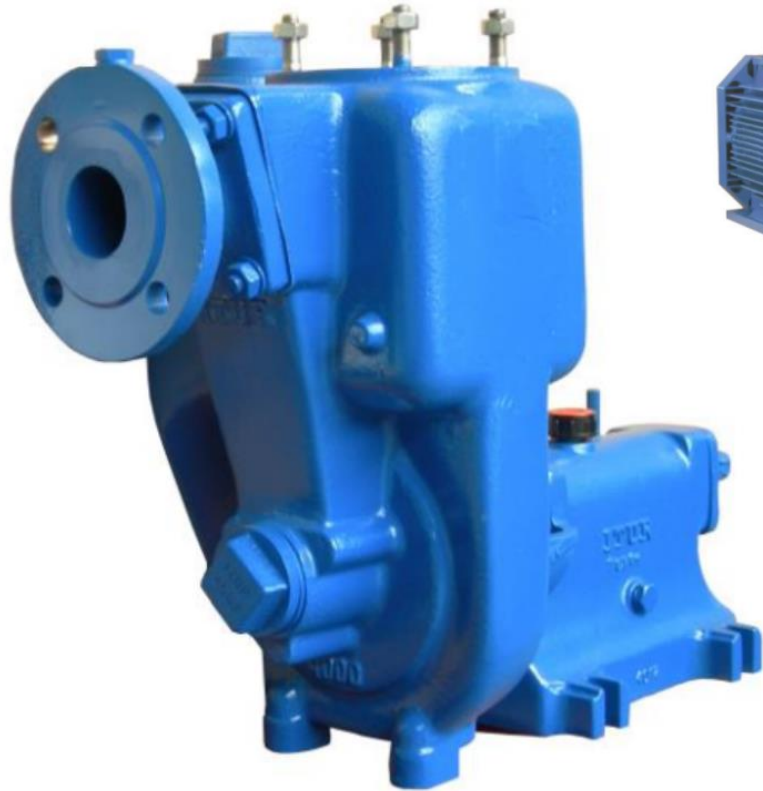
Overhung Self Priming Pump

DN	25 - 125
Q [m ³ /h]	≤ 180
H [m]	≤ 85
p [bar]	≤ 10
T [°C]	≥ -30 - ≤ +90
H _{geo} [m]	≤ 9

Applications

Pumping clean, contaminated or aggressive fluids not containing abrasive substances and solids. For use in spray irrigation systems, service water systems, drainage, dewatering systems, fire-fighting systems, drawdown of groundwater levels, domestic water supply, air-conditioning systems, cooling circuits, swimming pools, water supply systems.

AU pump



AU monobloc



Overhung Self Priming Pump

DN	40 - 200
Q [m ³ /h]	≤ 600
H [m]	≤ 52
p [bar]	≤ 10
T [°C]	≥ -10 - ≤ +80

Applications

Pumping clean, contaminated and aggressive fluids also containing solids. In fresh water and seawater circuits, fire-fighting applications, as ballast and bilge pumps, and for drainage and waste water applications.



Etachrom L



Etachrom B

Overhung Circular Casing Pump

DN	25 - 80
Q [m ³ /h]	≤ 260
H [m]	≤ 105
p [bar]	≤ 12
T [°C]	≥ -30 - ≤ +110

Applications

Cleaning systems (bottle rinsing, crate washing, etc.), water treatment plants, water supply systems, fire-fighting systems, spray irrigation systems, general irrigation systems, drainage systems, hot-water heating systems, air-conditioning systems, industrial washing plants, general industry, disposal of paint sludge, surface treatment

Magnochem



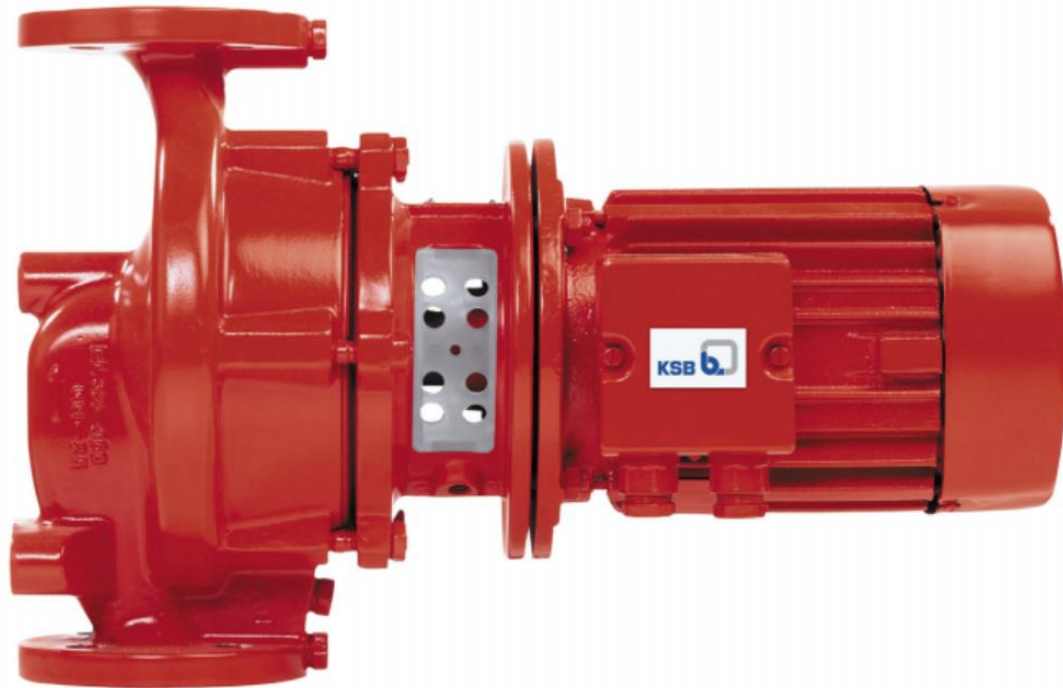
Magnetic Drive Seal Less Pump

DN	25 - 250
Q [m ³ /h]	≤ 1160
H [m]	≤ 162
p [bar]	≤ 40
T [°C]	≥ -90 - ≤ +350

Applications

Pumping aggressive, toxic, explosive, valuable, flammable, malodorous or harmful liquids in the chemical, petrochemical and general industries.

Etaline



In-Line Pump

DN	32 - 200
Q [m ³ /h]	≤ 700
H [m]	≤ 96
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140

Applications

Hot water heating, cooling circuits, air-conditioning, water supply systems, service water supply systems, industrial recirculation systems

Etaline R



In-Line Pump

DN	150 - 350
Q [m ³ /h]	≤ 1900
H [m]	≤ 93
p [bar]	≤ 25
T [°C]	≥ -30 - ≤ +140

Applications

Hot water heating, cooling circuits, air-conditioning, water supply systems, service water supply systems, industrial recirculation systems



Vertical In-Line High Pressure Pump

DN	25 - 125
Q [m ³ /h]	≤ 160
H [m]	≤ 401
p [bar]	≤ 40
T [°C]	≥ -20 - ≤ +140

Applications

Spray irrigation, general irrigation, washing, water treatment, fire-fighting and pressure booster systems, hot water and cooling water recirculation, boiler feed systems, etc.

Omega



Between Bearings Axially split pumps

DN	80 - 350
Q [m ³ /h]	≤ 2880
H [m]	≤ 210
p [bar]	≤ 25
T [°C]	≥ 0 - ≤ +140

Applications

Pumping water with a low solids content, e.g. in waterworks, irrigation and drainage pumping stations, extraction duties in desalination systems, power stations, fire-fighting systems, shipbuilding, district heating or cooling.

RDLO



Between Bearings Axially split pumps

DN	350 - 700
Q [m ³ /h]	≤ 10000
H [m]	≤ 290
p [bar]	≤ 30
T [°C]	≥ 0 - ≤ +140

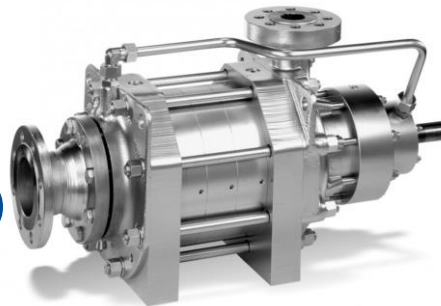
Applications

Pumping water with a low solids content, e.g. in waterworks, irrigation and drainage pumping stations, extraction duties in desalination systems, power stations, fire-fighting systems, shipbuilding, district heating or cooling.

Multitec



Multitec RO

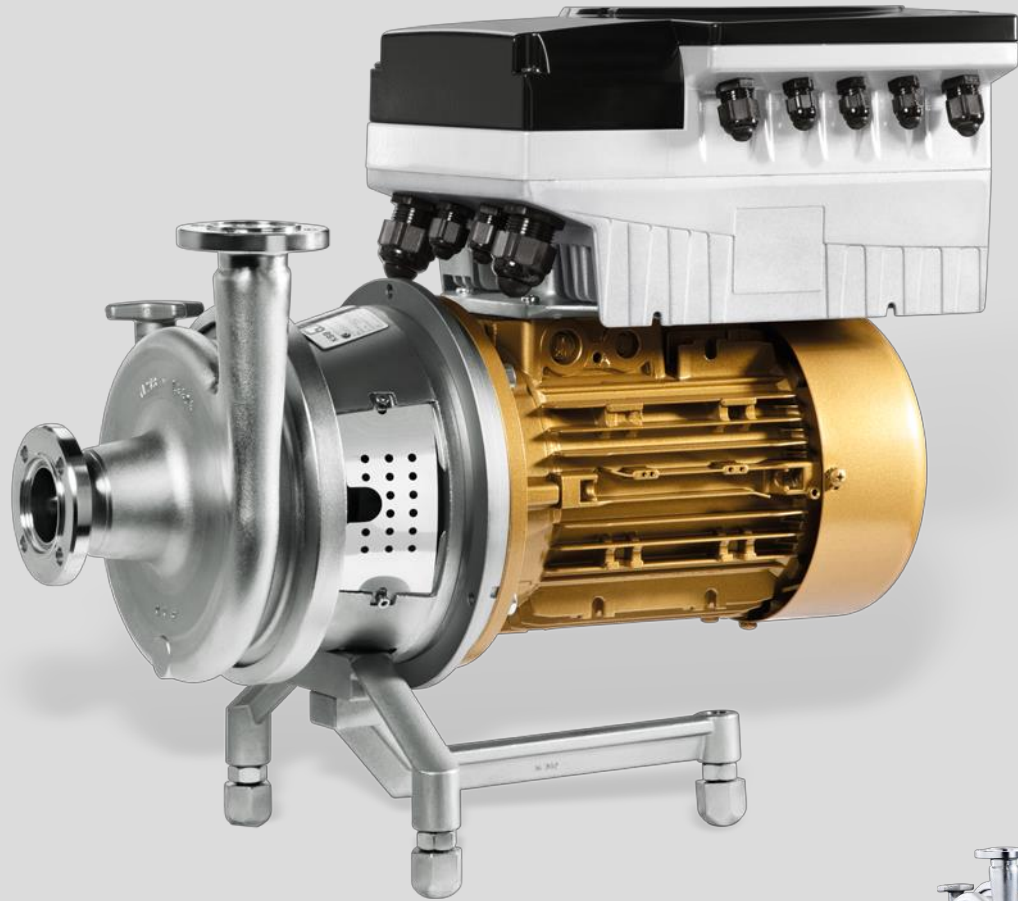


Between Bearings High Pressure Pump

DN	32 - 250
Q [m ³ /h]	≤ 1500
H [m]	≤ 1000
p [bar]	≤ 100
T [°C]	≥ -10 - ≤ +200
n [rpm]	≤ 3500

Applications

Water supply, drinking water supply, industry, pressure boosting, irrigation, power stations, heating systems, filtering systems, fire-fighting systems, reverse osmosis systems, snow-making systems and washing plants, and geothermal systems (re-injection of geothermal water into the aquifer).



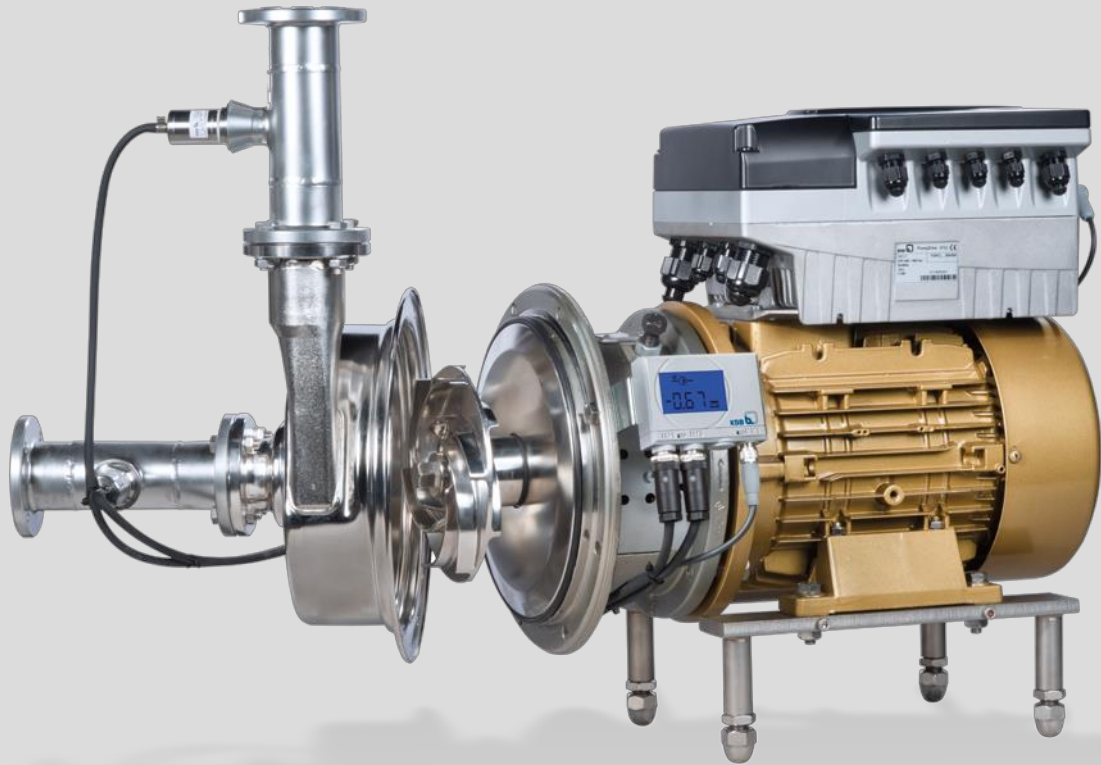
Vitacast® in standard design

Hygienic pumps Vitacast®

DN	32 - 200
Q [m ³ /h]	≤ 540
H [m]	≤ 105
p [bar]	≤ 10
T [°C]	≥ -20 - ≤ +140

Applications:

Hygienic and sterile handling of fluids in the food, beverage and pharmaceutical industries



Vitachrom® in standard design

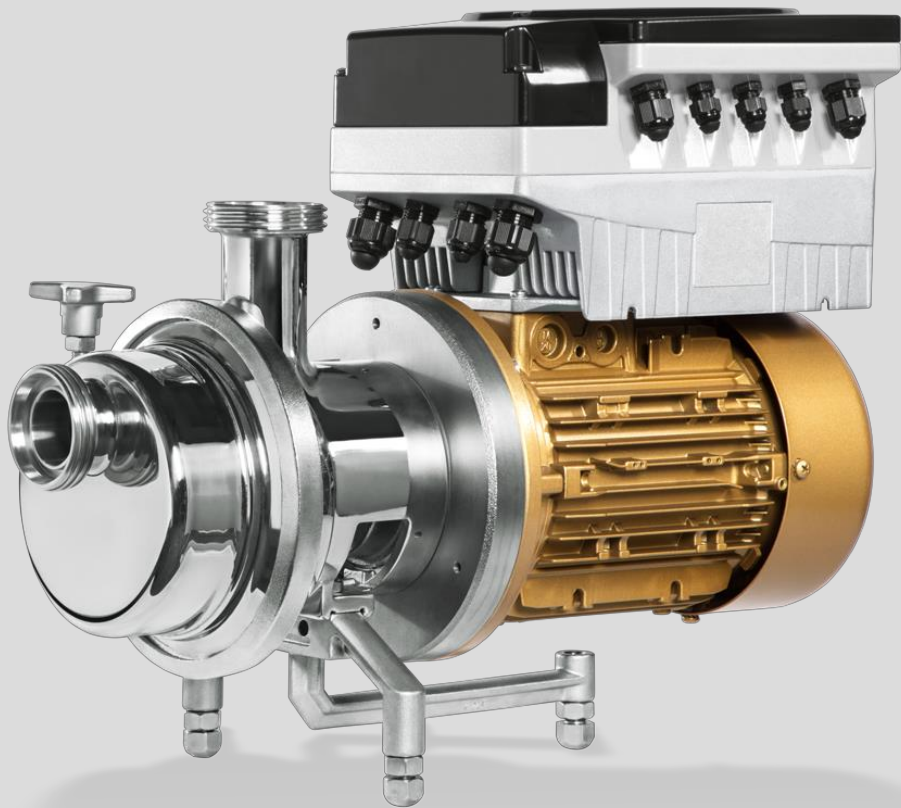


Hygienic pumps Vitachrom®

DN	50 - 125
Q [m ³ /h]	≤ 340
H [m]	≤ 100
p [bar]	≤ 12
T [°C]	≥ -30 - ≤ +110

Applications:

Hygienic and sterile handling of fluids in the food, beverage and pharmaceutical industries



Hygienic pumps Vitaprim[®]

DN	40 - 80
Q [m ³ /h]	≤ 58
H [m]	≤ 45
p [bar]	≤ 10
T [°C]	≥ -20 - ≤ +100

Applications:

Hygienic and sterile handling of fluids in the food, beverage and pharmaceutical industries



Vitalprime[®] in standard design



Hygienic pumps Vitastage®

Q [m ³ /h]	≤ 12,5
H [m]	≤ 150
p [bar]	≤ 16
T [°C]	≥ -20 - ≤ +140

Applications:

Hygienic and sterile handling of fluids in the food and beverage industry

Hygienic pumps Vitalobe®

DN	25 - 200
Q [m ³ /h]	≤ 342
H [m]	≤ 200
p [bar]	≤ 20
T [°C]	≥ -40 - ≤ +180
Viscosity [cP]	≤ 200000



Vitalobe® in Standard design

Applications:

Hygienic and sterile handling of fluids in the food, beverage and pharmaceutical industries



Submersible Motor Pump

DN	50 - 150
Q [m ³ /h]	≤ 320
H [m]	≤ 42
T [°C]	≤ +40

Applications

Waste water transport, waste water management, drainage systems, waste water treatment plants, stormwater transport, recirculation, sludge treatment

Amarex KRT



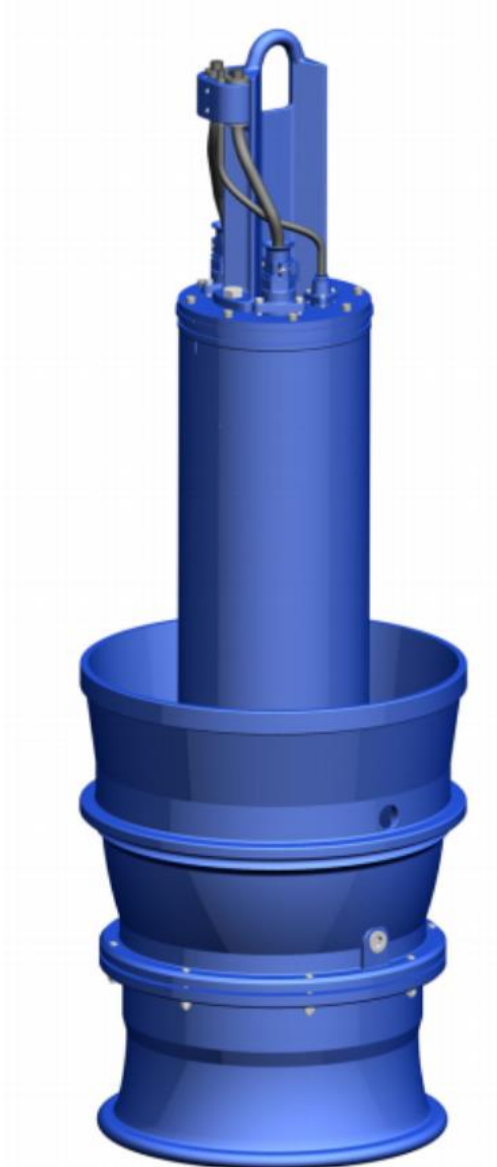
Submersible Motor Pump

DN	40 - 700
Q [m ³ /h]	≤ 10080
H [m]	≤ 120
T [°C]	≤ +60

Applications

Pumping all types of waste water in water and waste water management, seawater desalination and industry, especially untreated waste water containing long fibres and solid substances, liquids containing gas or air, and raw, activated and digested sludge.

Amacan



Submersible Pump in Discharge Tube

DN	500 - 1500
Q [m ³ /h]	≤ 25200
H [m]	≤ 12
T [°C]	≥ 0 - ≤ +40
n [rpm]	≤ 1450

Applications

Irrigation and drainage pumping stations, for stormwater transport in stormwater pumping stations, raw and clean water transport in water and waste water treatment plants, cooling water transport in power stations and industrial plants, industrial water supply, water pollution control and flood control, aquaculture.



Submersible Borehole Pumps

DN	100
Q [m ³ /h]	≤ 18
H [m]	≤ 600
T [°C]	≤ +30
DN	> 350
Q [m ³ /h]	≤ 5000
H [m]	≤ 1500
T [°C]	≤ +50

Applications

Pumping clean or slightly contaminated water in general water supply, spray irrigation and general irrigation, drawdown and maintenance of groundwater levels, fountains and pressure booster systems, mining, fire-fighting systems, emergency water supply, etc.

B-Pump



Vertical turbine pumps

DN	80 - 500
Q [m ³ /h]	≤ 2600
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ -10 - ≤ +105

Applications

Pumping clean water in agriculture, collection and irrigation, public water supply, industry, fire-fighting systems

SEZ



Tubular Casing Pump

Q [m ³ /h]	≤ 65000
H [m]	≤ 33
T [°C]	≤ +40

Applications

Pumping raw water, pure water, service water and cooling water in industry, water supply systems, power stations and seawater desalination plants.

WKT

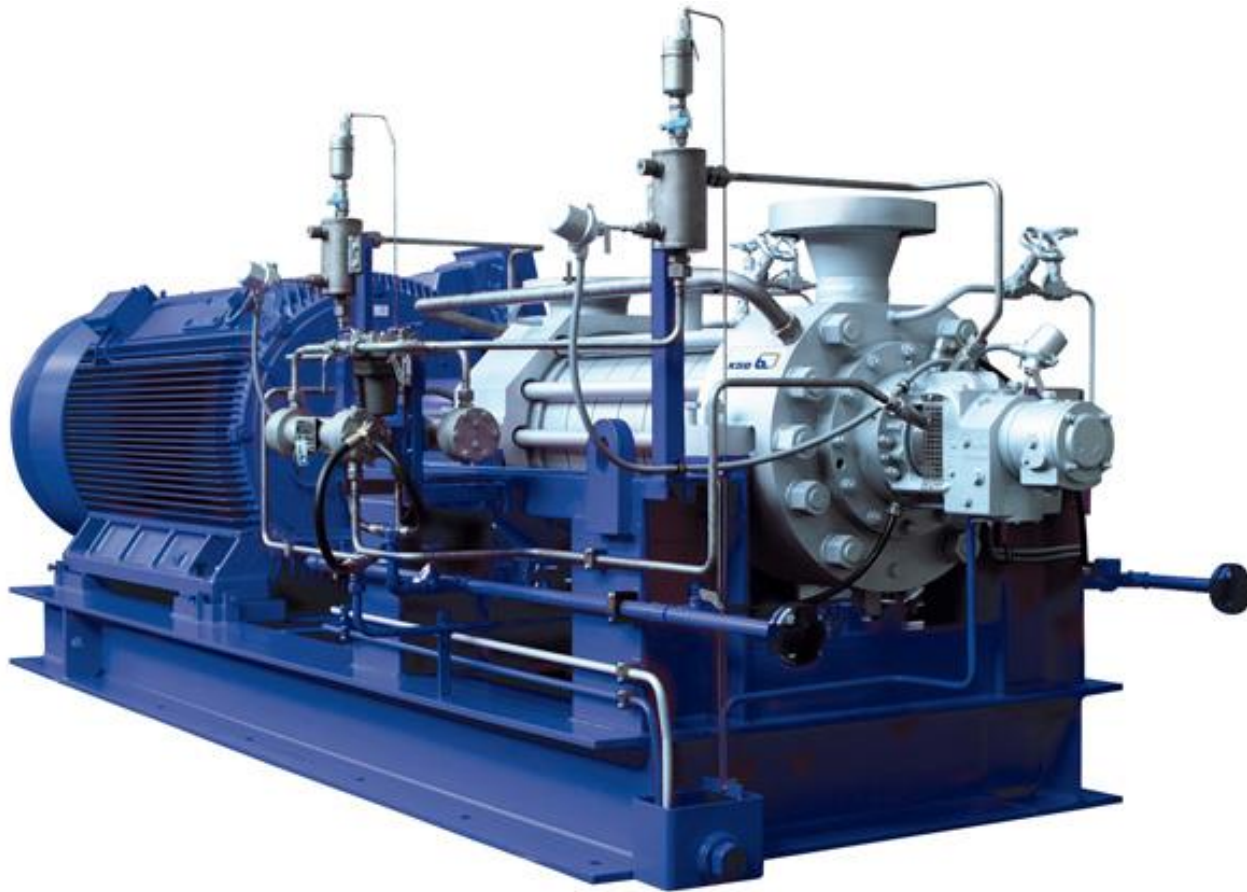


Condensate Pump

DN	150 - 300
Q [m ³ /h]	≤ 1500
H [m]	≤ 370
p [bar]	≤ 40
T [°C]	≤ +140

Applications

Pumping condensate in power stations and industrial plants.



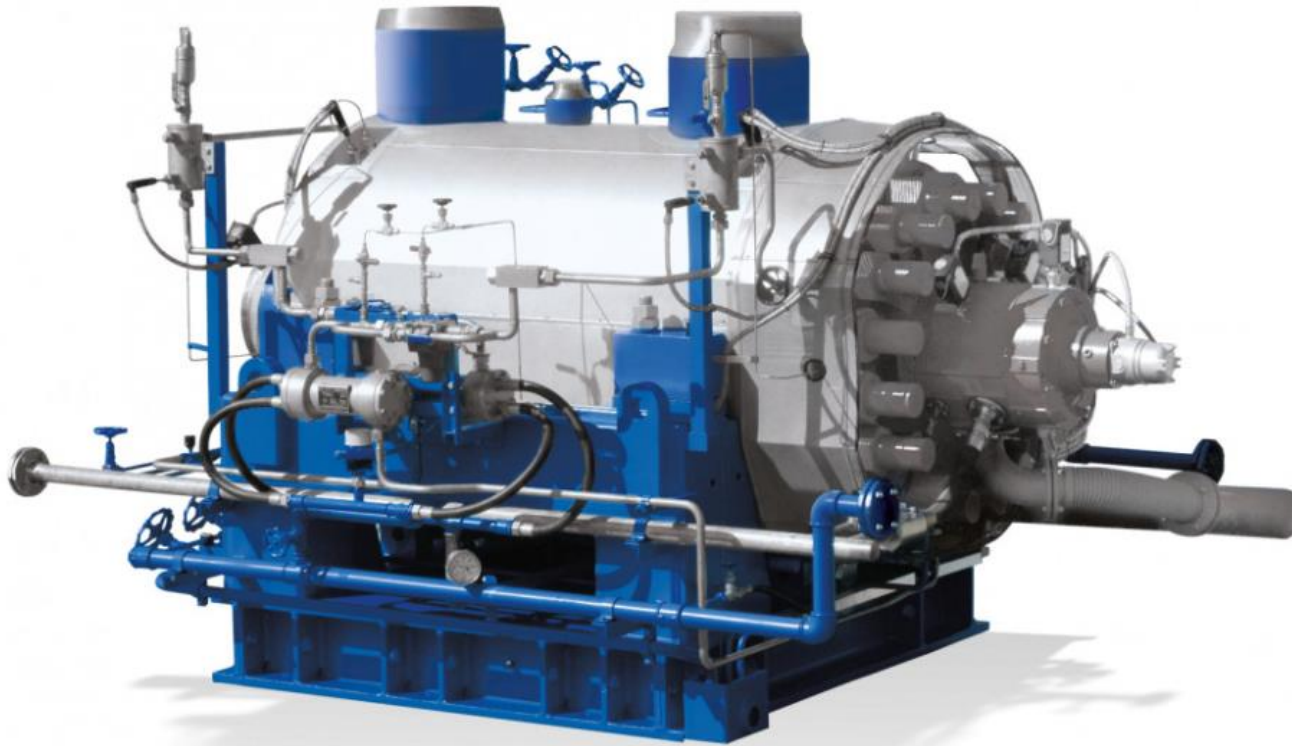
Ring Section High Pressure Pump

DN	40 - 400
Q [m ³ /h]	≤ 2300
H [m]	≤ 5300
p [bar]	≤ 560
T [°C]	≤ +210
n [rpm]	≤ 7000

Applications

Pumping feed water and condensate in power stations and industrial plants, pumping gas turbine fuels, generating pressurized water for bark peeling and descaling units, snow guns, etc.

CHT



Barrel-Type High Pressure Pump

DN	100 - 700
Q [m ³ /h]	≤ 5700
H [m]	≤ 5400
p [bar]	≤ 560
T [°C]	≤ +270
n [rpm]	≤ 6750

Applications

Pumping feed water and condensate in power stations and industrial plants, generation of pressurized water for bark peeling and descaling units.