

KSB Pump Technology

UPA



DN	100 - 350
Q [m³/h]	≤ 840
H [m]	≤ 480
T [°C]	≤ + 50

Single-stage or multistage single-entry centrifugal pump in ring-section design for vertical or horizontal installation. Optionally available with lift check valve or connection branch. For well diameters of 4 inches and above.

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.

AMAREX KRT



Data for 50Hz operation,
Also available for 60Hz.

DN	40 - 700
Q [m³/h]	≤ 10080
H [m]	≤ 120
T [°C]	≤ +60
n [rpm]	≤ 2900

Horizontal or vertical single-stage submersible motor pump in close-coupled design, with various next-generation impeller types, for wet or dry installation, stationary or transportable version, with energy-saving motor and models for use in potentially explosive atmospheres.

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.

RDLO



Data for 50Hz operation,
Also available for 60Hz.

DN	350 - 700
Q [m³/h]	≤ 10000
H [m]	≤ 290
p [bar]	≤ 30
T [°C]	≥ 0 - ≤ +140
n [rpm]	≤ 1450

Single-stage axially split volute casing pump for horizontal or vertical installation, with double-entry radial impeller, mating flanges to DIN, EN or ASME.

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 and cooling.

OMEGA



Data for 50Hz operation,
Also available for 60Hz.

DN	80 - 350
Q [m³/h]	≤ 2880
H [m]	≤ 210
p [bar]	≤ 25
T [°C]	≥ 0 - ≤ + 140
n [rpm]	≤ 2900

Single-stage axially split volute casing pump for horizontal or vertical installation, with double-entry radial impeller, mating flanges to DIN, EN or ASME.

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 and cooling.

MULTITEC



DN	32 - 250
Q [m³/h]	≤ 1500
H [m]	≤ 1000
p [bar]	≤ 100
T [°C]	≥ - 10 - ≤ + 200
n [rpm]	≤ 3500

Multistage horizontal or vertical centrifugal pump in ring-section design, long-coupled or close-coupled, with axial or radial suction nozzle, cast radial impellers and motor-mounted variable speed system. ATEX-compliant version available.

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).

B PUMP



Data for 50Hz operation,
Also available for 60Hz.
Higher ratings possible
upon request.

DN	80 - 500
Q [m³/h]	≤ 2600
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ - 10 - ≤ +105
n [rpm]	≤ 3000

Vertical turbine pump conforming to AWWA E101-88 and designed with radially split interchangeable pump bowls, wear rings and impellers; column assembly with interchangeable column bearings and lengths of column pipes for variable immersion depths.

Pumping clean water in agriculture, collection and irrigation, public water supply, industry, firefighting systems.

ESTIGIA



DN	25 - 250
Q [m³/h]	≤ 1160
H [m]	≤ 110
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ + 100
n [rpm]	≤ 3000

Vertical immersion pumps for wet installation, with main impeller types designed to meet specific fluid requirements. Supplied with discharge pipe extending above the cover plate, DN according to nominal flow rate. Sealing by lip seal, single or double cartridge mechanical seal. ATEX-compliant version available. Pumping chemically aggressive, slightly contaminated or solids-laden fluids in the chemical and petrochemical industries.

MegaCPK



DN	25 - 250
Q [m³/h]	≤ 1160
H [m]	≤ 162
p [bar]	≤ 25
T [°C]	≥ -40 - ≤ +400

Horizontal radially split volute casing pump in back pull-out design, with radial impeller, single-entry, single-stage, to DIN EN ISO 2858 / ISO 5199, in a large range of material and seal variants; also available as a variant with "wet" shaft and conical seal chamber.

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.

RPH



DN	25 - 400
Q [m³/h]	≤ 4150
H [m]	≤ 270
p [bar]	< 110
T [°C]	> -70 - < +450

Horizontal radially split volute casing pump in back pull-out design, to API 610, ISO 13709 (heavy duty), type OH2, with radial impeller, single-entry, single-stage, centreline pump feet; with inducer if required. ATEX-compliant version available.

Refineries, petrochemical and chemical industries, power stations, offshore and onshore processes.

ETALINE-R



DN	150 - 350
Q [m³/h]	≤ 1900
H [m]	≤ 93
p [bar]	≤ 25
T [°C]	≥ -30 - ≤ +140

Vertical close-coupled pump with volute casing in in-line design with magnet-less KSB SuPremE motor (exception: motor sizes 0.55 kW / 0.75 kW with 1500 rpm are designed with permanent magnets) of efficiency class IE4/IE5 and PumpDrive variable speed system.

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

ETANORM

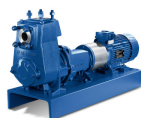


DN	25 - 150
Q [m³/h]	≤ 1930
H [m]	≤ 160
p [bar]	≤ 16
T [°C]	≥ -30 - ≤ +140

Horizontal volute casing pump, single-stage, with ratings and main dimensions to EN 733, long-coupled, back pull-out design, with replaceable shaft sleeves / shaft protecting sleeves and casing wear rings, with motor-mounted variable speed system.

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.

ETAPRIME-L



DN	25-125
Q [m³/h]	≤ 180
H [m]	≤ 85
p [bar]	≤ 10
T [°C]	≥ -30 - ≤ +90
Hgeo[m]	≤ 9

Horizontal self-priming volute casing pump, single-stage, with open multi-vane impeller, from size 40-40-140 with bearing bracket, in back pull-out design, ATEX-compliant version available.

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.

KWP



DN	40 - 900
Q [m³/h]	≤ 15000
H [m]	≤ 100
p [bar]	≤ 10
T [°C]	≥ -40 - ≤ +140
n [rpm]	≤ 2900

Horizontal radially split volute casing pump in back pull-out design, single-stage, single-entry, available with various impeller types: closed multi-channel impeller, open multi-vane impeller and free-flow impeller. ATEX-compliant version available.

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

HGC



DN	40 - 400
Q [m³/h]	≤ 2300
H [m]	≤ 5300
p [bar]	≤ 560
T [°C]	≤ +210
n [rpm]	≤ 7000

Horizontal radially split ring-section pump with radial impellers, single-entry or double-entry, multistage.

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



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