



GIW® Slurry Pumps

KSB Pump Technology



Engineered Pump Solutions

KSB has over 150 years of pump design and expertise. We provide best-in-class slurry and process pumps for mining, industrial minerals, and dredge applications.

When you're facing a challenge, KSB's highly experienced and world renowned engineers work with you to find solutions.





What the mining and dredging industries expect of us

Few industries are as tough on pumps as mining and dredging. Challenges are manifold and complex: Aggressive slurries and ever-changing conditions and materials cause pumps to wear out quickly. Unexpected outages can halt the entire production process, resulting in incredibly high costs.

Therefore, mine and dredge operators require a reliable partner capable of providing specialized heavy-duty slurry and process pumps. These pumps should not only minimize downtime and decrease the overall cost of ownership but also enhance efficiency—all while maintaining a strong commitment to sustainability.

KSB Pump Technology

UPA



DN	100-350
Q [gpm]	≤ 3.698
H [ft]	≤ 1.575
T [°F]	≤ +122

Description

Single-stage or multi-stage 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.

Applications

Peripheral dewatering, raw water, leaching solution mining process, dust suppression, and gland water supply

Sewatec



DN	40-700
Q [gpm]	≤ 44.000
H [ft]	≤ 377
T [°F]	≤ +158
n [rpm]	≤ 3500

Description

Horizontal volute casing pump for horizontal or vertical installation, with various next generation impeller types, discharge flange DIN and ANSI standards. Explosion-proof version available.

Applications

Open pit drainage, wastewater handling & water treatment, and settlement/tailing pond

RDLO



DN	350-700
Q [gpm]	79.252
H [ft]	≤ 984
p [bar]	≤ 30
T [°F]	≥ 0 - ≤ 284
n [rpm]	≤ 1750

Description

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

Applications

Underground dewatering, raw water intake, open pit drainage, settlement/tailings pond, and power plants

OMEGA



DN	80-350
Q [gpm]	≤ 17.611
H [ft]	≤ 689
T [°F]	≥ 0 - ≤ 284
n [rpm]	≤ 3500

Description

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

Applications

Underground dewatering, raw water intake, open pit drainage, settlement/tailings pond, and power plants

Multitec



DN	32-250
Q [gpm]	≤ 6.604
H [ft]	≤ 3.280
T [°F]	≥ 14 - + 284
n [rpm]	≤ 3500

Description

Multi-stage 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.

Applications

Underground dewatering, raw water intake, dust suppression, open pit drainage, settlement/tailings pond, and gland water supply

B Pump

DN	80-500
Q [gpm]	≤ 11.447
H [ft]	≤ 525
p [bar]	≤ 16
T [°F]	≥ 14 - ≤ +221
n [rpm]	≤ 3500

Description

Vertical turbine pump conforming to AWWA E101-88 and API 610 designed with radially split inter-changeable pump bowls, wear rings and impellers; column assembly with interchangeable column bearings and lengths of column pipes for variable immersion depths.

Applications

Peripheral dewatering, open pit drainage and settlement/tailing pond

Estigia

DN	25-250
Q [gpm]	≤ 5.107
H [ft]	≤ 361
p [bar]	≤ 16
T [°F]	≥ -22 - ≤ +212
n [rpm]	≤ 3500

Description

Vertical sump pump 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.

Applications

Chemically aggressive, slightly contaminated or solids-laden fluids, water and wastewater treatment, processing, leaching, solution mining processes, and HRSG cleaning

MegaCPK

DN	25-250
Q [gpm]	≤ 14.530
H [ft]	≤ 531
T [°F]	≤ 25
n [rpm]	≥ -40 - ≤ +752

Description

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.

Applications

Open pit drainage, raw water intake, processing, settlement/tailing pond, and power plant

RPH-API Pump

DN	25-400
Q [gpm]	≤ 21.130
H [ft]	≤ 886
p [bar]	≤ 110
T [°F]	≥ -40 - ≤ +752

Description

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.

Applications

Oil sands plants, power plants, and where API standard is required.

Etaline/Megaline

DN	150-350
Q [gpm]	≤ 3.740
H [ft]	≤ 305
p [bar]	≤ 25
T [°F]	≥ -22 - ≤ +221

Description

Vertical close-coupled pump with volute casing in in-line design.

Applications

Raw water intake, processing, and power plant

Etanorm/Meganorm 	DN 25-150 Q [gpm] ≤ 16.290 H [ft] ≤ 525 p [bar] ≤ 16 T [°F] ≥ -22 - ≤ +284	Description 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. Applications Open pit drainage, raw water intake, processing, settlement/tailing pond, and power plant
Etaprime-L/AU 	DN 25-125 Q [gpm] ≤ 2.642 H [ft] ≤ 279 p [bar] ≤ 10 T [°F] ≥ -22 - ≤ +194 Hgeo [ft] ≤ 30	Description 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 containing abrasive substances and solids. Applications Open pit drainage, water and wastewater treatment, and settlement/tailing pond
KWP 	DN 40-900 Q [gpm] ≤ 66.000 H [ft] ≤ 328 p [bar] ≤ 10 T [°F] ≥ -40 - ≤ +158 n [rpm] ≤ 3500	Description 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. Applications Open pit drainage, water and wastewater treatment, and settlement/tailing pond
Megaflow 	DN 50-300 Q [gpm] ≤ 11.007 H [ft] ≤ 328 p [bar] ≤ 10 T [°F] ≤ +221 n [rpm] ≤ 3500	Description 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. Applications Open pit drainage, water and wastewater treatment, and settlement/tailing pond
RPHb/RPHd/RPHbd - API Pump 	DN 80-250 Q [gpm] ≤ 26.415 H [ft] ≤ 2.625 p [bar] ≤ 100 T [°F] ≤ +842	Description Horizontal radially split volute casing pump in back pull-out design, to API 610, ISO 13709 (heavy duty), type BB2, with radial impeller, single-or double entry, single or two-stage, centerline pump feet. ATEX-compliant version available. Applications In oil sands plants, power plants, and where API standard is required

CHTRa - API Pump

DN 80-300
 Q [gpm] ≤ 6.164
 H [ft] ≤ 5.100
 p [bar] ≤ 155
 T [°F] ≤ 842

Description

Horizontal axially split volute casing pump to API 610, ISO 13709 (heavy duty), type BB3, with opposed impeller arrangement for axial thrust balancing, excellent reliability, integrally flanged auxiliary connections.

Applications

In oil sands plants, power plants, and where API standard is required

CHTR - API Pump

DN 25-250
 Q [gpm] ≤ 6.384
 H [ft] ≤ 13.123
 p [bar] ≤ 400
 T [°F] ≤ +842

Description

Horizontal radially split multi-stage high-pressure with double casing (barrel-type pump) in between-bearing design to API 610, ISO 13709 (heavy duty), type BB5. First stage optionally available in double-suction design for low NPSH requirements. ATEX-compliant version available.

Applications

In oil sands plants, power plants, and where API standard is required

WKB/WKTR/RPHv - API Pumps

DN 40-200
 Q [gpm] ≤ 1.540
 H [ft] ≤ 1.640
 p [bar] ≤ 51
 T [°F] ≥ -49 - ≤ +782

Description

Vertical multi-stage heavy duty double-casing pump, single-stage, design to API 610, ISO 13709 type VS1, VS4, VS6, for processes with critical NPSH conditions.

Applications

Oil sands plants, power plants, and where API standard is required

HDA/HDB

DN 25-250
 Q [gpm] ≤ 11.447
 H [ft] ≤ 525
 p [bar] ≤ 16
 T [°F] 14 - +221

Description

Horizontal boiler feed pump, radially split multi-stage, high pressure, type BB4.

Applications

Power plants, boiler feed, and pressure systems

HGC

DN 40-400
 Q [gpm] ≤ 6.385
 H [ft] ≤ 13.780
 p [bar] ≤ 420
 T [°F] ≤ +410
 n [rpm] ≤ 7000

Description

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

Applications

Feed water in power stations, boiler feed, and condensate transport

AMAREX KRT

DN 50-150
 Q [gpm] ≤ 2.550
 H [ft] ≤ 4.590
 p [bar] ≤ 10
 T [°F] ≤ +554

Description

Submersible pump with non-clogging impellers with large free passages, optimized for every type of waste water, specially protected cable entry and sensors trigger a warning in the event of overheating or ingress of moisture.

Applications

Open pit drainage, water and wastewater treatment, and settlement/tailing pond



Support for the Entire Life Cycle of Your Pump

Our commitment to service is more than a promise; it's a resource you can count on every day to keep your equipment up and running.

KSB offers service and repair support around the world. Local technicians help you troubleshoot operations, processes, and mechanical issues. They can also assist with inventory and parts replacement, analyzing wear patterns, and supervising preventive maintenance programs. In addition to the global KSB SupremeServ Service network, KSB GIW, Inc. has three service centers located in Georgia, Florida and Ft. McMurray, Canada.

You can count on KSB to provide personal assistance when and where you need it—onsite or in the shop.



KSB GIW, Inc.
5000 Wrightsboro Rd.
Grovetown, Georgia, USA
www.ksbgiw.com