



PUMPS | VALVES | MECHANICAL SEALS

Solutions for Chemicals & Petrochemicals Applications





At KSB, reliability is a cornerstone of who we are, reflected in both our products and our people. Pursuing excellence is at the core of everything we do.



KSB delivers customer-first solutions built on the highest engineering and manufacturing standards.



Our products ensure seamless system integration, delivering long-lasting performance, optimal efficiency, and minimal wear.



Customers benefit from our extensive sales and service network, backed by 24/7 support and worldwide engineering expertise.



About KSB

KSB is a leading international manufacturer of pumps and valves for the water and wastewater, general industry, and power generation markets. Founded in 1871 in Frankenthal, Germany, KSB has more than 16,000 employees worldwide and generates annual consolidated sales revenue exceeding \$3.2 billion.

KSB has been successfully manufacturing pumps and valves for more than 150 years. The expertise acquired over this time is applied in every aspect of our work and is evident in the build quality and attention to detail given to our products and their operation. The reliability of our manufacturing, equipment, expertise, and service is paramount to our worldwide reputation, the customers we serve, and everyone who benefits from all that we do.

Fluid Handling Built for Chemicals & Petrochemicals

Exceptional products optimized for chemicals, oil and gas, and low-carbon applications



Performance in Chemicals Production

KSB's pumps, valves, and seals are engineered to withstand aggressive media and demanding operating conditions, delivering dependable performance across:

- Bulk Chemicals
- Specialty Chemicals
- Consumer Chemicals



Reliability for Oil and Gas

KSB's portfolio supports the full hydrocarbon value chain, with high-reliability equipment proven in onshore and offshore extraction, transport, refining, and storage applications:

- Upstream - Onshore / Offshore
- Upstream FPSO
- Midstream
- Downstream & Petrochemicals
- Natural Gas Processing



Engineered for Decarbonization

KSB partners with chemical, petrochemical, and oil and gas operators to reduce carbon footprints through proven solutions for next-generation applications:

- Hydrogen
- Renewable Fuels & Chemicals
- CCUS
- Green & Blue Ammonia
- Chemical Recycling

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API Pumps Engineered for Critical Process Reliability

High-performance solutions delivering safe, efficient, long-term operation

RPH



Product description: Single-suction, single-stage heavy-duty OH2 process pump

Materials: Carbon steel, 316SS, duplex SS, super duplex SS

Benefits:

- Long service life through reduced shaft deflection, vibration, and axial thrust
- Reduced radial forces due to double volute casing design
- Air-cooled bearing design protects against overheating without requiring a cooling water circuit

Technical data:

GPM	up to 22,014
Ft.	up to 886
psi	up to 1,595
T °F	-94 to 842

Connections:

Flange, 1 to 16"
Class 150, 300, 600

RPHb



Product description: Single-suction, two-stage heavy-duty BB2 process pump

Materials: Carbon steel, 316SS, duplex SS, super duplex SS

Benefits:

- Wide range of variants for broad application range
- Lower operating costs and higher system availability, with better efficiency and NPSH than OH2 pumps
- Easy maintenance with top-top flanges, cartridge seals, replaceable wear parts, and modular design

Technical data:

GPM	up to 8,365
Ft.	up to 2,625
psi	up to 1,450
T °F	-112 to 842

Connections:

Flange, 3 to 12"
Class 150, 300, 600

RPHd



Product description: Double-suction, single-stage heavy-duty BB2 process pump

Materials: Carbon steel, 316SS, duplex SS, super duplex SS

Benefits:

- Wide range of variants for broad application range
- Lower operating costs and higher system availability, with better efficiency and NPSH than OH2 pumps
- Easy maintenance with top-top flanges, cartridge seals, replaceable wear parts, and modular design

Technical data:

GPM	up to 29,940
Ft.	up to 1,772
psi	up to 1,160
T °F	-112 to 842

Connections:

Flange, 4 to 18"
Class 150, 300, 600

RPHbd



Product description: Double-suction, two-stage heavy-duty BB2 process pump

Materials: Carbon steel, 316SS, duplex SS, super duplex SS

Benefits:

- Wide range of variants for broad application range
- Lower operating costs and higher system availability, with better efficiency and NPSH than OH2 pumps
- Easy maintenance with top-top flanges, cartridge seals, replaceable wear parts, and modular design

Technical data:

GPM	up to 7,485
Ft.	up to 1,772
psi	up to 1,450
T °F	-112 to 842

Connections:

Flange, 3 to 10"
Class 150, 300, 600

Proven Across Process Industries
KSB excels in refining, petrochemical,
and chemical applications across the
most rigorous operating environments.



CHTRa



Product description: Axially split, multi-stage heavy-duty BB3 process pump

Materials: Carbon steel, 316SS, duplex SS, super duplex SS

Benefits:

- Modern design with opposed impeller arrangement for axial thrust balancing
- Integrally flanged auxiliary connections
- Back-to-back, radial-flow closed impellers with precision-cast construction

Technical data:

GPM	up to 6,164
Ft.	up to 5,100
psi	up to 2,220
T °F	up to 400

Connections:

Flange, 3 to 12"
Class 125, 150, 300, 600, 900

CHTR



Product description: Horizontal, radially split, multi-stage high-pressure BB5 process pump

Materials: Carbon steel, 316SS, duplex SS, super duplex SS

Benefits:

- Double-casing design with multiple ratings ensures high application safety
- Stable operation with robust rotor design and balanced impellers
- Flexible hydraulics with multiple configurations optimize performance across applications

Technical data:

GPM	up to 6,692
Ft.	up to 13,120
psi	up to 5,800
T °F	-50 to 752

Connections:

Flange, 2 to 6"
Class 125, 150, 300, 600, 900, 1500, 2500

Magnochem 685



Product description: Heavy-duty centrifugal pump with magnetic coupling and centerline mounting

Materials: Cast steel, 316SS, duplex SS

Benefits:

- API 685 design with nozzle load capability two times that of API 610 requirements – improves system reliability and durability
- Extended temperature range supports many applications
- Optional MagnoProtect double-walled containment shroud enhances safety and efficiency

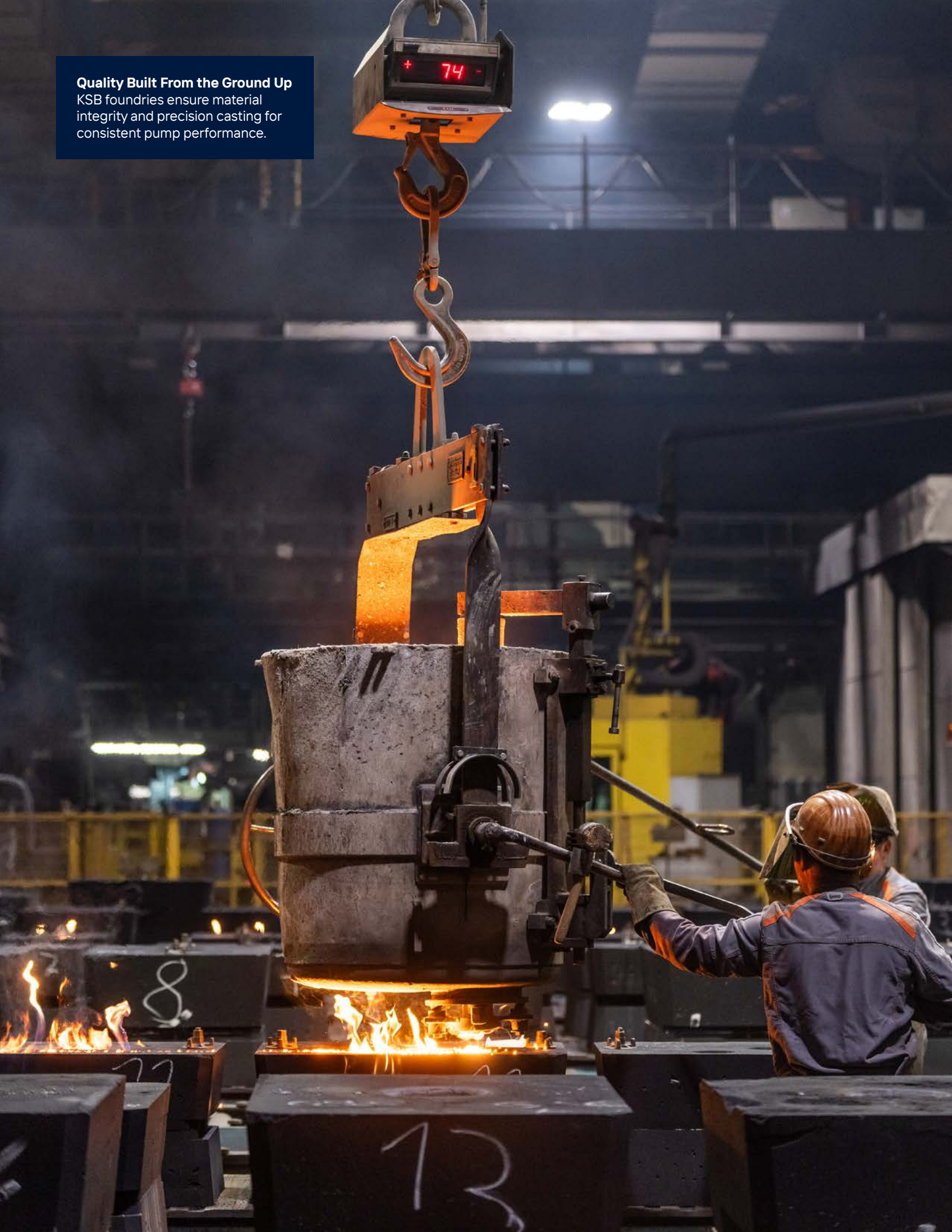
Technical data:

GPM	up to 6,160
Ft.	up to 764
psi	up to 580
T °F	-130 to 660

Connections:

Flange, 1 to 10"
Class 150, 300

Quality Built From the Ground Up
KSB foundries ensure material integrity and precision casting for consistent pump performance.



API Pumps Optimized for Vertical Configurations

Space-saving designs for demanding chemical and petrochemical services

WKB



Product description: Vertically suspended, multi-stage, single-casing diffuser or bowl designs VS1 process pump

Materials: Carbon steel, 316LSS, 316SS, duplex SS, super duplex SS

Benefits:

- Welded, API-compliant design ensures strength, durability, and flexible nozzle configurations
- Versatile seal chamber supports varied process conditions
- Optimized suction hydraulics improve NPSH performance and reduce hydraulic instability

Technical data:

GPM	up to 7,264
Ft.	up to 1,968
psi	up to 1,160
T °F	-49 to 782

Connections:

Flange, 2 to 8"
Class 150, 300, 400

RPH-V



Product description: Vertical, single-stage VS4 lineshaft pump

Materials: Carbon steel, 316SS, duplex SS, super duplex SS

Benefits:

- Circular or rectangular soleplate allows easy adaptation to different installation conditions
- Variety of mechanical seal solutions – rigid and flexible couplings facilitate easy maintenance and removal
- Robust guide bearings ensure low vibration and reliable operation across applications

Technical data:

GPM	up to 793
Ft.	up to 951
psi	up to 508
T °F	-22 to 525

Connections:

Flange, 1.5 to 6"
Class 300

WKTR



Product description: Vertically suspended double-casing, radially-split diffuser or bowl designs VS6 process pump

Materials: Carbon steel, 316LSS, 316SS, duplex SS, super duplex SS

Benefits:

- Welded, API-compliant design ensures strength, durability, and flexible nozzle configurations
- Integral thrust bearings extend service life, reducing maintenance
- First-stage impeller designed for enhanced suction performance ensures low NPSH values

Technical data:

GPM	up to 7,264
Ft.	up to 1,968
psi	up to 1,160
T °F	-49 to 782

Connections:

Flange, 2 to 8"
Class 150, 300, 400

Scan to explore a customer success story involving pump damage caused by pressure surges at a chemical plant, and how KSB's efficiency monitoring services helped identify the root cause >>



Auxiliary Pumps for Broad Industrial Applications

Robust, adaptable performance across diverse process requirements

Ansichem



Product description: Single-stage volute casing pump to ANSI B73.1 standards

Materials: Carbon Steel, 316SS, CD4MCu, alloy 20, Hastelloy C

Benefits:

- Handles solids effectively in abrasive process environments
- Modular design with interchangeable power frames simplifies maintenance and flexibility
- Reverse vane impeller design improves performance while reducing maintenance requirements

Technical data:

GPM up to 7,000
Ft. up to 750
psi up to 350
T °F -200 to 700

Connections:

Flange, 1 to 8"
Class 150, 300

KWP



Product description: Dry-installed volute casing pump

Materials: Gray cast iron, nodular cast iron, white cast iron, duplex SS, super duplex SS

Benefits:

- Flexible hydraulic and material options handle solids-laden and gaseous fluids
- Back pull-out and modular design simplify maintenance
- Robust construction with wear-resistant materials ensures durability and reliability

Technical data:

GPM up to 66,000
Ft. up to 328
psi up to 150
T °F up to 284

Connections:

Flange, 1.5 to 36"
Class 150

Multitec



Product description: Radially split, multi-stage ring-section pump

Materials: Cast iron, cast steel, 316SS, duplex SS, super duplex SS

Benefits:

- Flexible design with configurable nozzles, materials, and sealing options
- Reliable hydraulics ensure stable operation under challenging suction conditions
- Wear-resistant bearings and balanced design extend pump service life

Technical data:

GPM up to 6,600
Ft. up to 3,280
psi up to 1,450
T °F up to 392

Connections:

Flange, 1.25 to 10"
Class 300, 600

HG



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

Materials: Cast and forged steel, chrome steel

Benefits:

- High reliability through balanced axial thrust and casing designed for rotor deflection
- Flexible operation with single or multiple feedwater takeoffs
- Quick-replace wear parts and metal-to-metal sealing of casing allow for ease of maintenance

Technical data:

GPM up to 6,560
Ft. up to 3,280
psi up to 2,900
T °F up to 356

Connections:

Flange, 2 to 12"
Class 300, 600, 900, 1500, 2500

One Portfolio, Many Duties

KSB's auxiliary pumps provide the hydraulic flexibility, material compatibility, and reliability needed for balance-of-plant operations.

RPH-HW



Product description: Horizontal, single-stage, radially split pump in back pull-out design

Materials: Cast carbon steel, stainless steel

Benefits:

- Robust design for long service life and low maintenance costs due to volute casing with double volute and centerline feet
- Modular design system reduces spare parts stock
- Effective self-cooling of the bearing bracket through integrated cooling fins and optional fan impeller

Technical data:

GPM	up to 9,554
Ft.	up to 886
psi	up to 1,595
T °F	up to 608

Connections:

Flange, 1 to 12"
Class 150, 300, 600

Omega



Product description: Axially split volute casing pump

Materials: Gray cast iron, nodular cast iron, duplex SS

Benefits:

- Rigid shaft and large bearings deliver high reliability and smooth operation
- Service-friendly design reduces maintenance effort and spare parts inventory
- Flexible configuration supports multiple sealing, drive, and installation options

Technical data:

GPM	up to 19,375
Ft.	up to 689
psi	up to 363
T °F	up to 284

Connections:

Flange, 3 to 15"
Class 150, 300

RDLO



Product description: Axially split volute casing pump

Materials: Gray cast iron, nodular cast iron, duplex SS

Benefits:

- Rigid shaft and large bearings deliver high reliability and smooth operation
- Service-friendly design reduces maintenance effort and spare parts inventory
- Flexible configuration supports multiple sealing, drive, and installation options

Technical data:

GPM	up to 79,260
Ft.	up to 984
psi	up to 435
T °F	up to 284

Connections:

Flange, 14 to 35"
Class 300

Auxiliary Pumps for Vertical and Submersible Applications

Configured for deep installation, solids handling, and complex operating conditions

B Pump



Product description: Vertical shaft submersible pump

Materials: Gray cast iron, nodular cast iron, 316LSS, duplex SS, super duplex SS

Benefits:

- Space-saving vertical design supports installation in deep and confined areas
- Capable of immersion depths of up to 980 feet for demanding applications
- Reliable operation with suction strainer and high-quality bearings

Technical data:

GPM	up to 11,448
Ft.	up to 525
psi	up to 232
T °F	up to 221

Connections:

Flange, 4 to 12"
Class 150

PNW



Product description: Vertical, single-stage tubular casing pump

Materials: 316LSS, duplex SS, super duplex SS

Benefits:

- Encapsulated sleeve coupling ensures corrosion resistance and reliable bi-directional operation
- Maintenance-free RESIDUR® bearings eliminate lubrication and cooling requirements
- Special ever-clean-blade design prevents clogging and reduces maintenance requirements

Technical data:

GPM	up to 39,600
Ft.	up to 33
psi	up to 145
T °F	up to 140

Connections:

Flange (application specific sizes)
Class 150

SNW



Product description: Vertical, single-stage tubular casing pump

Materials: 316LSS, duplex SS, super duplex SS

Benefits:

- Encapsulated sleeve coupling ensures corrosion resistance and reliable bi-directional operation
- Maintenance-free RESIDUR® bearings eliminate lubrication and cooling requirements
- Wear-resistant materials maintain efficiency and reduce long-term operating costs

Technical data:

GPM	up to 39,600
Ft.	up to 197
psi	up to 145
T °F	up to 140

Connections:

Flange (application specific sizes)
Class 150

SEZ / SNZ



Product description: Vertical tubular casing pump

Materials: Gray cast iron, carbon steel, duplex SS, super duplex SS

Benefits:

- High-quality materials and bearings ensure reliable, long-term operation
- Modular configurations adapt easily to site-specific requirements and installations
- Integrated engineering expertise supports system design, testing, and long-term performance

Technical data:

GPM	up to 348,700
Ft.	up to 196
psi	up to 130
T °F	up to 104

Connections:

Flange (application specific sizes)
Class 150

Where Depth Meets Demand

From sump drainage to produced water transfer, KSB's vertical and submersible pumps perform reliably across upstream, midstream and downstream operations.



KRT



Product description: Vertical, single-stage submersible pump

Materials: Gray cast iron, nodular cast iron, white cast iron, duplex SS

Benefits:

- Advanced monitoring prevents overheating and detects moisture ingress early
- Corrosion-resistant materials ensure long service life
- High-efficiency motors and hydraulics lower energy consumption and operating costs

Technical data:

GPM	up to 45,000
Ft.	up to 330
psi	up to 174
T °F	up to 140

Connections:

Flange, 1.5 to 28"
Class 125, 150

UPA



Product description: Single-stage or multi-stage single-entry centrifugal pump in ring-section design

Materials: Gray cast iron, bronze, stainless steel, duplex SS, super duplex SS

Benefits:

- Easy to install with service-friendly hydraulic system design
- Integrated sand separator and wear components extend service life and reliability
- Low-noise operation for sensitive environments

Technical data:

GPM	up to 3,848
Ft.	up to 1,223
psi	up to 870
T °F	up to 122

Connections:

Flange, 4 to 36"
Class 600

ISO Pumps Engineered for Chemicals and Petrochemicals

Standardized designs for flexibility, efficiency, and broad application coverage

MegaCPK



Product description: Horizontal, single-stage volute casing pump

Materials: Cast iron, cast steel, 316SS, duplex SS, super duplex SS

Benefits:

- ISO-compliant design ensures interchangeability and reliable performance across global standards
- Extensive hydraulic range enables precise selection for diverse process duty points
- Easy to dismantle due to back pull-out design – no need to remove the pump casing from the piping

Technical data:

GPM	up to 11,888
Ft.	up to 764
psi	up to 580
T °F	up to 752

Connections:

Flange, 1 to 16"
Class 125, 150, 300

CPKN / CPKNO



Product description: Horizontal, single-stage volute casing pump

Materials: Nodular cast iron, cast steel, stainless steel, duplex SS

Benefits:

- Optimized hydraulics deliver high efficiency with excellent NPSH performance
- Wide hydraulic range enables precise sizing, reducing overall investment costs
- Modular design offers flexibility in materials, sealing, and configuration options – closed or semi-open impeller designs available

Technical data:

GPM	up to 18,272
Ft.	up to 606
psi	up to 362
T °F	-40 to 752

Connections:

Flange, 1 to 16"
Class 125, 150

Magnochem D & W



Product description: Horizontal, sealless magnetic drive pump

Materials: Cast steel, 316SS, duplex SS

Benefits:

- Hermetically sealed design eliminates dynamic seals, enhancing safety and containment
- Thermal management features enable reliable operation at elevated fluid temperatures
- Optional MagnoProtect double-walled containment shroud enhances safety and efficiency

Technical data:

GPM	up to 6,160
Ft.	up to 764
psi	up to 580
T °F	-130 to 660

Connections:

Flange, 1 to 10"
Class 150, 300

Magnochem Bloc



Product description: Horizontal, sealless magnetic drive pump in close-coupled design

Materials: Cast steel, 316SS, duplex SS

Benefits:

- Design minimizes footprint in space-constrained installations
- Thermal management features enable reliable operation at elevated fluid temperatures
- Optional MagnoProtect double-walled containment shroud enhances safety and efficiency

Technical data:

GPM	up to 3,319
Ft.	up to 764
psi	up to 580
T °F	-4 to 392

Connections:

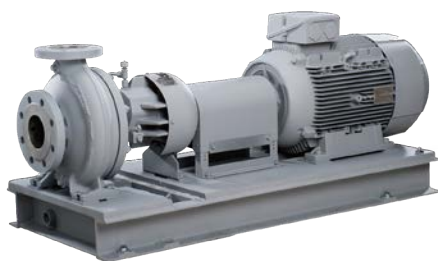
Flange, 1 to 10"
Class 150, 300

Configurable by Design

KSB's ISO pumps combine standardized hydraulics with interchangeable components, delivering efficient performance across a wide range of chemical and petrochemical duties.



HPK-L



Product description: Horizontal, single-stage, radially split volute casing pump in back pull-out design

Materials: Cast steel, alloyed cast steel

Benefits:

- Low temperature in the mechanical seal chamber – no cooling water needed with an air-cooled bearing bracket and heat barrier
- Optional to have two mechanical seals for leak prevention
- Optimized venting of mechanical seal chamber using patented KSB VenJet® technology

Technical data:

GPM	up to 6,160
Ft.	up to 765
psi	up to 580
T °F	up to 752

Connections:

Flange, 1 to 12"
Drilled to Class 300

Estigia



Product description: Vertical, single-stage sump pump.

Materials: Gray cast iron, carbon steel, 316SS, duplex SS

Benefits:

- Optimized hydraulics deliver high efficiency with excellent NPSH performance
- Durable construction supports long service life with simplified maintenance
- Integral cover plate simplifies installation and enables seamless tank integration

Technical data:

GPM	up to 6,380
Ft.	up to 360
psi	up to 232
T °F	up to 212

Connections:

Flange, 1 to 8"
Class 150

Built to the Same Exacting Standards

From design to final assembly, KSB applies rigorous standards to ensure consistent valve quality and performance.



Butterfly Valves for Tight, Precise Shut-Off

Delivering flow control and sealing integrity in corrosive service environments

DANAIS MT II



Product description: Double-offset butterfly valve with ISO 5211 compliant square shaft end

Materials: 316SS, 316LSS, carbon steel

Benefits:

- Offered in wafer-type, full-lug, and flanged body design for flexible installation across varied piping systems
- Bubble-tight shut-off prevents leakage and minimizes fugitive emissions risk
- Durable seat and bearing design extends service life

Technical data:

psi up to 362
T °F -58 to 500

Connections:

Flange, 1.5 to 56"
Class 150, 300

DANAIS CRYO AIR



Product description: Double-offset butterfly valve for cryogenic applications

Materials: Cast stainless steel, 316SS

Benefits:

- Robust seat protection and design features extend service life
- Cleanroom assembly and certified materials ensure safe operation in critical services
- Configurable thermal insulation options maintain process temperature stability

Technical data:

psi up to 232
T °F -487 to 392

Connections:

Flange, 2 to 24"
Class 150

ISORIA



Product description: Centered-disc butterfly valve with square shaft end, equipped with gearbox or actuator options

Materials: Grey cast iron, nodular cast iron, cast carbon steel

Benefits:

- Spherical contact between valve disc and liner ensures durable and permanently tight shut-off
- Splined or keyed connection between shaft and valve disc: dry shaft, no contact with fluid handled
- Visual indication of valve disc position

Technical data:

psi up to 145
T °F -22 to 392

Connections:

Flange, 1.5 to 40"
Class 125, 150

KE



Product description: Centered-disc butterfly valve with ISO 5211 compliant square shaft end and PFA liner

Materials: Ductile iron

Benefits:

- PFA-lined design delivers bubble-tight shut-off for aggressive chemical services
- Seal-less flange design eliminates gasket requirements and simplifies installation
- ATEX-compliant, antistatic design ensures safe operation

Technical data:

psi up to 145
T °F -4 to 392

Connections:

Flange, 1.5 to 24"
Class 150, 300, 600



Scan for KSB's full valve portfolio

Globe and Check Valves for Demanding Service

Proven flow stability and backflow prevention for industrial applications

KSB GLB



Product description: Bellows-type globe valve built to ANSI / ASME standards

Materials: Cast carbon steel, 304SS, 316SS

Benefits:

- Leak-free stem seal combines a welded multi-ply metal bellows with multi-ring graphite back-up packing
- Easy to service – reliable bellows seal and leakage detection hole
- Several material variants available for body and bellows to suit a variety of fluids and applications

Technical data:

psi up to 1,537
T °F up to 800

Connections:

Flange, 2 to 10"
Class 150, 300, 600

SERIE 2000



Product description: Dual-plate check valve with single-piece, wafer-type body

Materials: Gray cast iron, nodular cast iron, 316LSS

Benefits:

- Compact, lightweight design simplifies installation
- Spring-assisted disc ensures reliable sealing and stable low-flow operation
- Robust single-piece body provides strength, corrosion resistance, and maintenance-free operation

Technical data:

psi up to 1,537
T °F 23 to 392

Connections:

Flange, 2 to 14"
Class 150, 300

Where Specification Meets Service
KSB valves deliver dependable flow control across critical process and pump-protection duties.



Control and Pump Protection Valves for Reliable Operation

Stabilizing process conditions and safeguarding critical pump systems

MIL 70000



Product description: Top-guided single-ported heavy-duty control valves in angle pattern

Materials: Carbon steel, alloy steel, stainless steel

Benefits:

- Multi-stage labyrinth trim reduces pressure safely and minimizes noise and vibration
- Advanced design protects trim from erosion in severe service
- Stable flow characteristics maintain consistent operation across high-pressure applications

Technical data:

psi up to 6,164
T °F -16.6 to 1,050

Connections:

Flange or weld end, 1 to 6"
Class 150, 300, 600, 900, 1500, 2500

MIL 76000



Product description: Angle-pattern letdown control valve for flashing and two-phase flow applications

Materials: Carbon steel, alloy steel, stainless steel

Benefits:

- Expanding flow design controls velocity and reduces erosion
- Seat protection design minimizes wear and maintains long-term sealing integrity
- Multi-stage trim enables controlled pressure reduction in high-pressure service

Technical data:

psi up to 6,164
T °F -16.6 to 1,050

Connections:

Weld end, 1.5 to 2"
Class 150, 300, 600, 900, 1500, 2500

MIL 77000



Product description: Multi-stage low-noise control valve with labyrinth trim

Materials: Carbon steel, alloy steel, 316SS

Benefits:

- Multi-stage labyrinth trim both reduces noise and absorbs high pressure drops without cavitation
- Anti-clog, downstream-expanding flow path handles fluids with entrained solids or two-phase mixtures
- Seat protection design minimizes wear and preserves integrity

Technical data:

psi up to 6,164
T °F -40 to 752

Connections:

Flange, 2 to 6"
Class 600, 900, 1500, 2500

MIL 78000



Product description: Multi-stage anti-cavitation control valve for severe pressure letdown applications

Materials: Carbon steel, alloy steel, 316SS

Benefits:

- Trim design controls pressure drop and eliminates cavitation
- Large flow passages handle particulates without clogging or performance loss
- Durable materials ensure reliable performance in high-pressure, high-energy applications

Technical data:

psi up to 6,164
T °F -20 to 500

Connections:

Flange and weld end, 1 to 6"
Class 150, 300, 600, 900, 1500, 2500



Scan for KSB's full
seals portfolio

Mechanical Seals for Safe Containment

Ensuring efficient sealing for chemicals and petrochemicals production

KANSI



Product description: Balanced single cartridge seal compatible with all ANSI pump sizes

Materials: SiC, carbon, FKM, EPDM, FFKM, Hastelloy, 316SS

Benefits:

- Stationary design isolates springs from fluid to extend seal life
- Universal cartridge design fits ANSI pumps across diverse applications
- Serviceable design enables fast repair and restores original performance

Technical data:

psi up to 300
T °F -40 to 428

UNITAS S



Product description: Balanced single cartridge seal in stationary design

Materials: SiC, carbon steel, EPDM, FKM, FFKM, 316TiSS, duplex SS

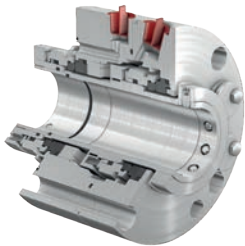
Benefits:

- Reliable sealing across diverse operating conditions
- Stationary design spring protects components from contamination and extends seal life
- Flexible variants support quench options for demanding sealing applications

Technical data:

psi up to 300
T °F -40 to 428

4EDBM6T / 4EDBM6D



Product description: Double cartridge seal to API 682

Materials: SiC, carbon graphite, FKM, FFKM, Hastelloy, 316TiSS

Benefits:

- Long service life due to corrosion-resistant hydraulic components
- Fitted with any standardized mechanical seal for ease of service
- Designed for convenient installation underneath machinery due to its horizontal orientation

Technical data:

psi up to 580
T °F 14 to 392

SDPN16



Product description: Thermosyphon system for double mechanical seals with pressurized barrier fluid or unpressurized buffer fluid

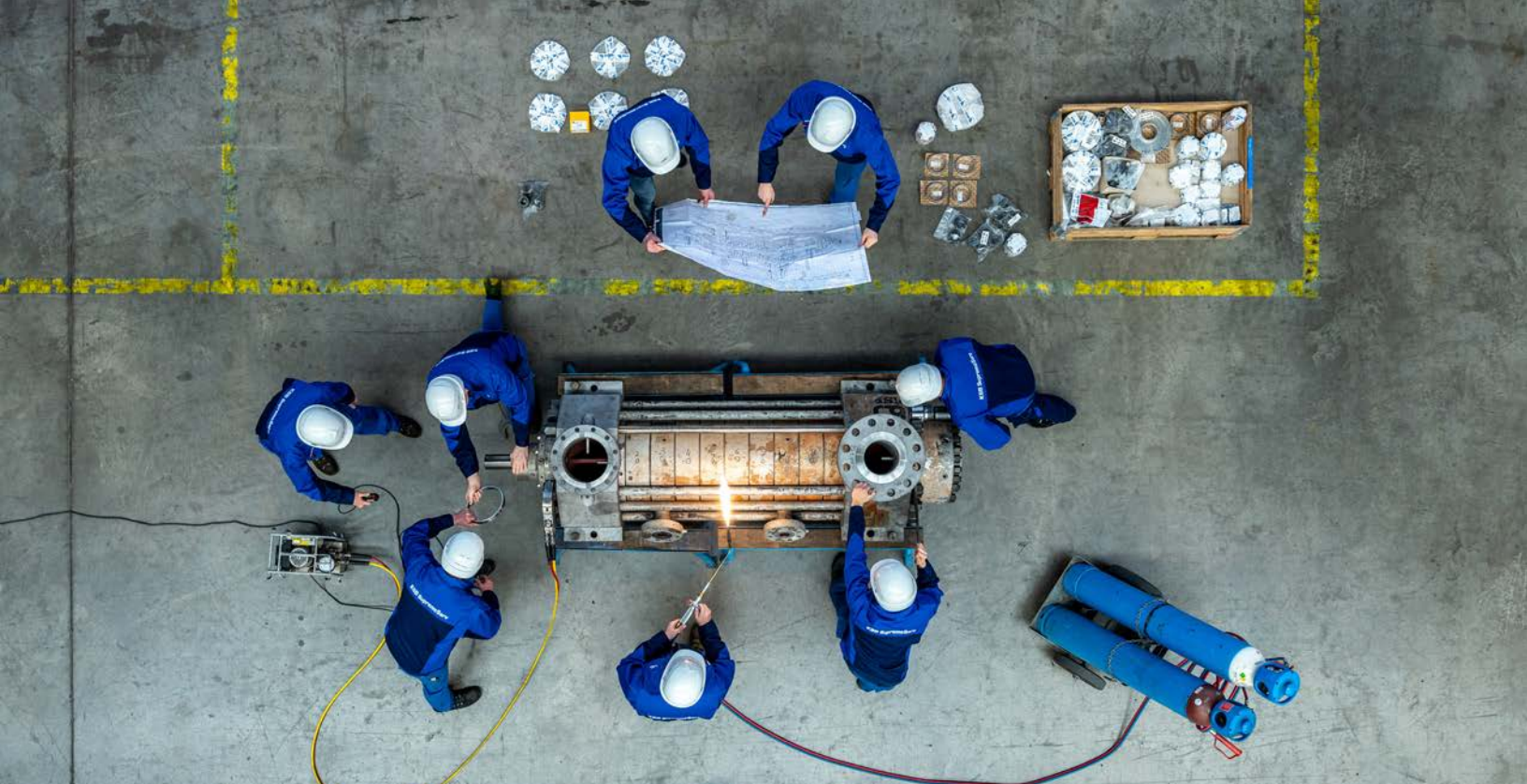
Materials: Carbon steel and stainless steel configurations

Benefits:

- Closed-loop circulation removes heat and extends seal service life
- Contains and manages process leakage for improved environmental control
- Configurable system adapts to a wide range of sealing and process requirements

Technical data:

psi up to 232
T °F -76 to 392



Consultancy & Analysis | Commissioning & Start-Up | Operation | Repair

KSB SupremeServ

With 13 strategically located service centers across North America, KSB SupremeServ delivers responsive, factory-backed support wherever you operate. Our factory-trained technicians and field service engineers provide expert repair, maintenance, parts, and system optimization for rotating equipment across all industries.

Our end-to-end support includes:

- Expert installation and commissioning
- Complete turnkey solutions
- Specialized ReEngineering
- Local engineering support
- Comprehensive diagnostics
- Advanced component solutions



Alongside our **KSB Authorized Sales Partners**, we deliver local service and application expertise – providing seamless support across every stage of the equipment lifecycle.



KSB – Your Partner for Chemicals & Petrochemicals Applications



 **PUFFER** Rotating Equipment
Pumps & Parts ▪ Pump Skids ▪ Repairs & Services

12305 Kurland Dr, Houston, TX 77034
RotatingEquipment@puffer.com 281-240-2000

 **KSB**
Authorized Sales Partner