



PUMPS | VALVES | ACCESSORIES

Solutions for Boiler Feed 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

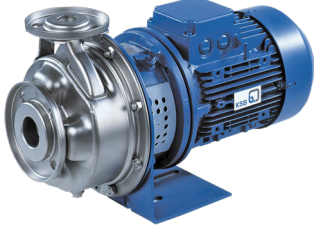
KSB is a leading international manufacturer of pumps and valves for the water and wastewater, general industry, and power generation markets. Founded in 1871 in Frankenthal, Germany, KSB has more than 16,000 employees worldwide and generates annual consolidated sales revenue exceeding \$3.2 billion.

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.

Reliable Pump Performance for Commercial Boilers

Optimized for uptime, ease of service, and consistent operating efficiency

Etachrom Bloc



Product description: Horizontal, close-coupled, single-stage, stainless steel pump with replaceable casing wear rings.

Materials: 316TiSS

Benefits:

- Maintenance-free mechanical seal ensures operating reliability.
- Optimized hydraulic components for high efficiency help reduce energy consumption.
- Easy to dismantle due to back pull-out design; no need to remove the pump casing from the piping.

Technical data:

GPM up to 1,100
Ft. up to 344
psi up to 174
T °F -22 to 230

Connections:

Flange, 1 to 4"
Drilled to Class 125

Etaline



Product description: Vertical, close-coupled, single-stage volute casing pump with in-line design.

Materials: Cast Iron

Benefits:

- Improved efficiency and NPSH by experimentally verified hydraulic design of impellers (vanes).
- Operating costs reduced by trimming the nominal impeller diameter to match the specified duty point.
- Low wear, reduced vibration levels, and stable, smooth operation.

Technical data:

GPM up to 3,740
Ft. up to 459
psi up to 232
T °F -22 to 284

Connections:

Flange, 1.25 to 8"
Class 125

Movitec



Product description: Vertical, multi-stage, high-pressure centrifugal pump in ring-section design with suction and discharge nozzles of identical diameters.

Materials: Cast iron, 304SS, 316SS, 316LSS

Benefits:

- The lowest NPSH in the industry.
- Easy to service; fitted with any standardized mechanical seal.
- Various materials and connection options, with an extended temperature and pressure range.

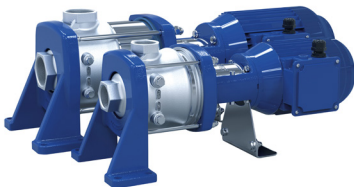
Technical data:

GPM up to 845
Ft. up to 1,316
psi up to 580
T °F up to 284

Connections:

Oval flange, round flange, external thread, victaulic, triclamp
Class 125, 150, 300, 600

H(S)I



Product description: Horizontal, multi-stage, high-pressure centrifugal pump.

Materials: 304SS, 316LSS

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:

GPM up to 115
Ft. up to 640
psi up to 362
T °F up to 284

Connections:

Flange, 1.25 to 2"

Industrial Grade Pump Reliability for Tough Conditions

Designed for extreme pressures, elevated temperatures, and demanding duty cycles

Movitec



Product description: Vertical, multi-stage, high-pressure centrifugal pump in ring-section design with suction and discharge nozzles of identical diameters.

Materials: Cast iron, 304SS, 316SS, 316LSS

Benefits:

- The lowest NPSH in the industry.
- Easy to service; fitted with any standardized mechanical seal.
- Various materials and connection options, with an extended temperature and pressure range.

Technical data:

GPM up to 845
Ft. up to 1,316
psi up to 580
T °F up to 284

Connections:

Oval flange, round flange, external thread, victaulic, triclamp
Class 125, 150, 300, 600

Multitec



Product description: Horizontal or vertical, multi-stage centrifugal pump in ring-section design.

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

Benefits:

- Low NPSH value, improved suction behavior and operating reliability for suction lift operation by special suction impeller.
- Optimized efficiencies and reduced operating costs through a newly developed hydraulic system.
- Broad range of installation types, materials, and shaft seals.

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"
Drilled to Class 300, 600

HGM-S



Product description: Horizontal, multi-stage, radially split, product-lubricated ring-section pump with radial impellers.

Materials: Cast steel, 316SS

Benefits:

- Low NPSH values by axial inlet; combination with suction impeller as standard.
- No auxiliary systems required for cooling or lubrication.
- Easy to install with service-friendly hydraulic system design.

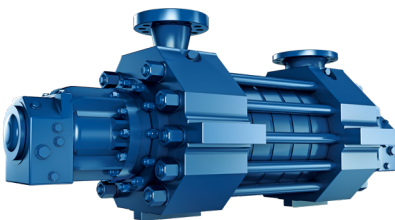
Technical data:

GPM up to 1,716
Ft. up to 3,280
psi up to 1,450
T °F up to 320

Connections:

Flange, 1 to 5"
Drilled to Class 300, 600, 900, 1500

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.
- Easy maintenance; quick-replace wear parts and metal-to-metal casing sealing.

Technical data:

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

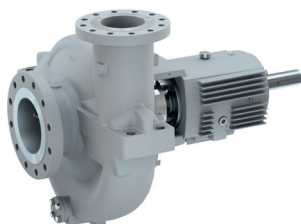
Connections:

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

We're Built for Boiler Demands

From boiler feed to recirculation and minimum-flow protection, KSB provides dependable, engineered solutions for the most demanding boiler applications.

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.

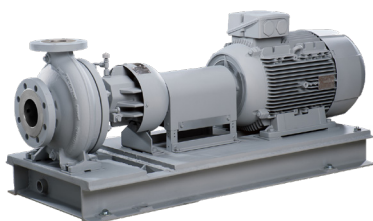
Technical data:

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 600

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

Etanorm SYT



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

Materials: Nodular cast iron, cast steel

Benefits:

- Reliable venting with patented VenJet® technology.
- Safety contour ensures dependable leakage removal at the mechanical seal.
- Coupling hub design allows quick, straightforward assembly and dismantling.

Technical data:

GPM	up to 3,317
Ft.	up to 334
psi	up to 232
T °F	up to 356

Connections:

Flange, 1 to 8"
Drilled to Class 125

High-Integrity Valve Engineering for Boilers

Delivering precise recirculation control and trusted performance



Scan for KSB's full valve portfolio

MIL 90000



Product description: Automatic recirculation valve (ARV) able to pre-determine minimum flow through centrifugal pump at all times.

Materials: Carbon steel

Benefits:

- Both on/off and modulating control functions. Used in different load conditions without loss of energy.
- Spring-loaded lift check valve prevents any loss of stability.
- Rugged bypass branch technology multi-stage pressure reduction by high-resistance axial flow.

Technical data:

psi up to 5,800
T °F 14 to 500

Connections:

Flange, 1.5 to 12"
Class 150, 300, 600, 900, 1500, 2500

MIL 41000



Product description:

Cage-guided, single-ported, heavy-duty control valve with high pressure drop capability.

Materials: 304SS, 316SS, 304LSS, 316LSS

Benefits:

- Versatile design for a wide range of process applications.
- Noise reduction and anti-cavitation control by multi-path trim.
- Leak tightness Class IV to ANSI FCI 70.2 or exceptional leak tightness Class V to ANSI FCI 70.2.

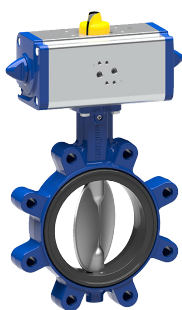
Technical data:

psi up to 6,170
T °F -320 to 1,050

Connections:

Flange, 0.5 to 32"
Class 150, 300, 600, 900, 1500, 2500, 3000

ISORIA



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

Materials: Grey cast iron, ductile 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 232
T °F -22 to 392

Connections:

Flange, 1.5 to 40"
Class 125, 150

SICCA



Product description: Gate, globe, and check valves to ANSI/ASME with flanged or butt weld ends, bolted bonnet, outside screw and yoke.

Materials: Carbon cast steel, 304SS, 304LSS, 316SS

Benefits:

- Long service life and high functional reliability with two-piece self-aligning gland to ensure even compression of packing rings.
- Additional safety and blow-out protection by standard back seat ensure safe sealing to atmosphere.
- Streamlined flow path minimizes pressure losses.

Technical data:

psi up to 1,500
T °F up to 1,100

Connections:

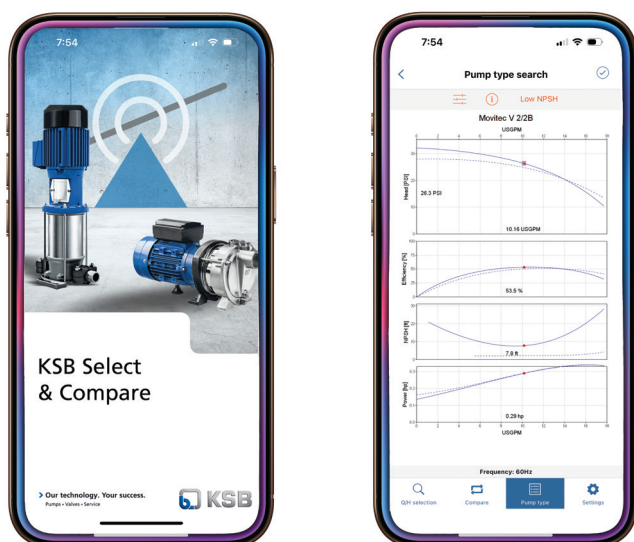
Flange, 2 to 28"
Class 150, 300, 600

PumpDrive VFD

Helping you achieve optimal efficiency

KSB offers specialized variable frequency drives (VFD) under the PumpDrive line, designed for demand-driven, energy-efficient control of asynchronous and synchronous reluctance motors in pumping systems.

These self-cooling inverters offer continuous speed control, reducing energy consumption and enabling precise pressure or flow management in industrial applications.



Movitec at Your Fingertips

Download the KSB Select & Compare App

The KSB Select & Compare App provides a fast, accurate, and user-friendly way to perform hydraulic selection for KSB Movitec pump ranges. The app allows you to enter your technical specifications in imperial units, compare your results against competitor products, use the pump-type search feature, and more.



App Store

KSB Guard

Smart monitoring for your pumps

KSB Guard provides continuous monitoring of vibration and temperature, early indicators of developing pump or system issues. Data is reviewed by experts at the KSB Monitoring Center, enabling rapid detection of abnormalities and early identification of root causes.

Whether the concern involves bearings, alignment, or other hydraulic components, KSB specialists deliver timely recommendations and a clear action plan. By catching problems early, KSB Guard helps prevent costly failures and keeps your system running reliably.





KSB – Your Partner for Boiler Feed Applications



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

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



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