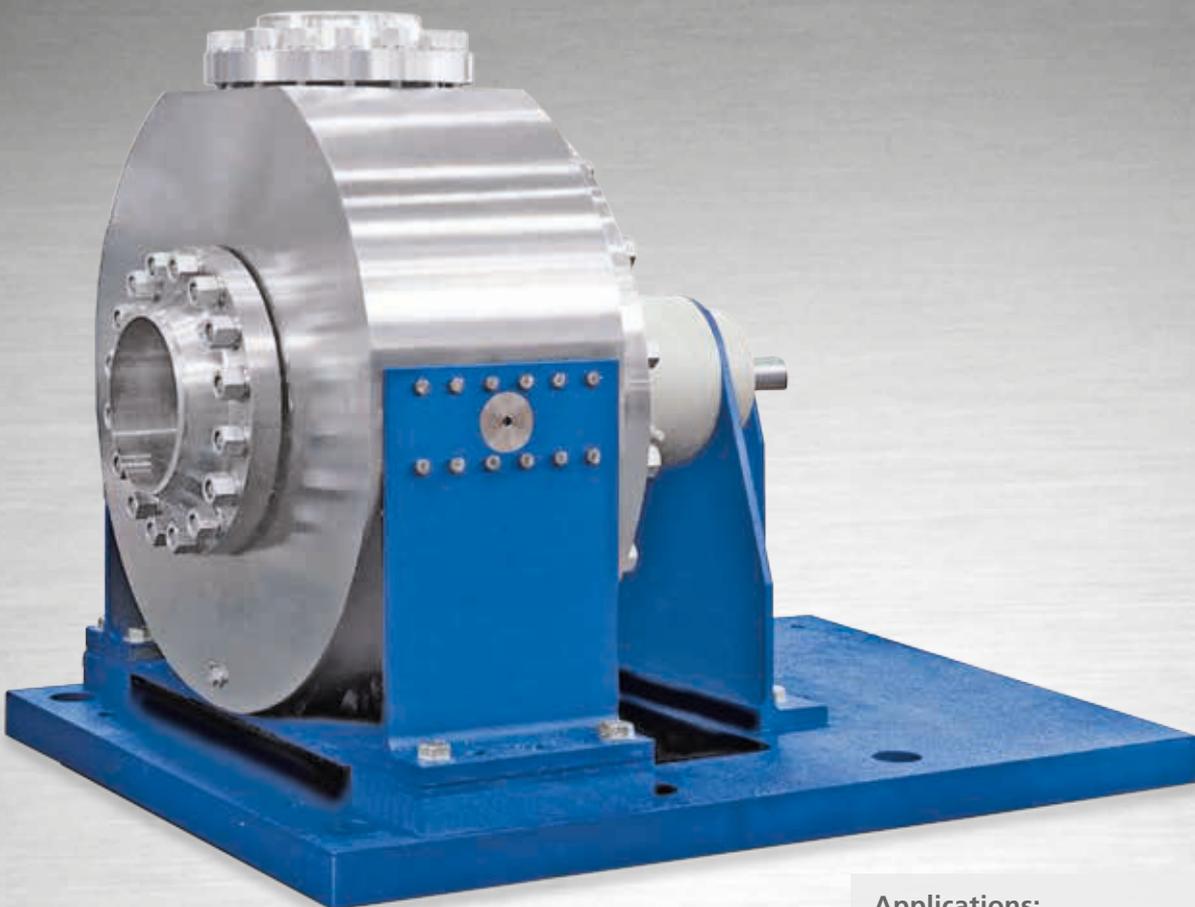


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Pumps • Valves • Service



RHR/RVR – Safety-related pump

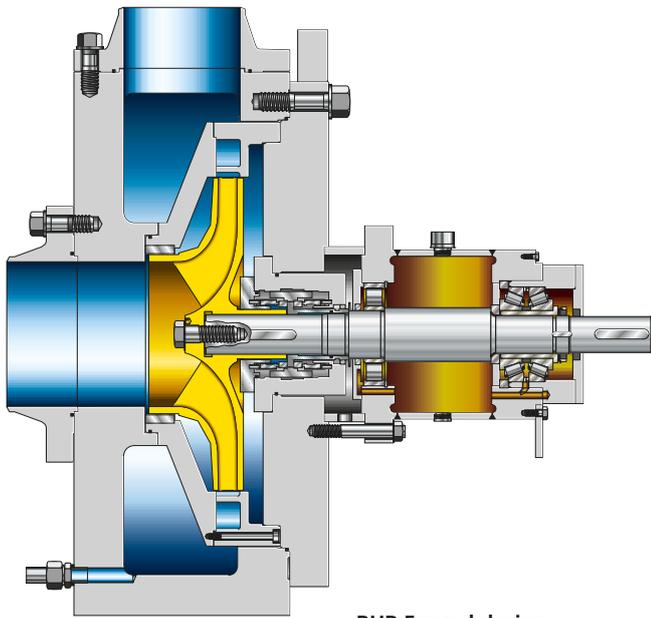


Applications:

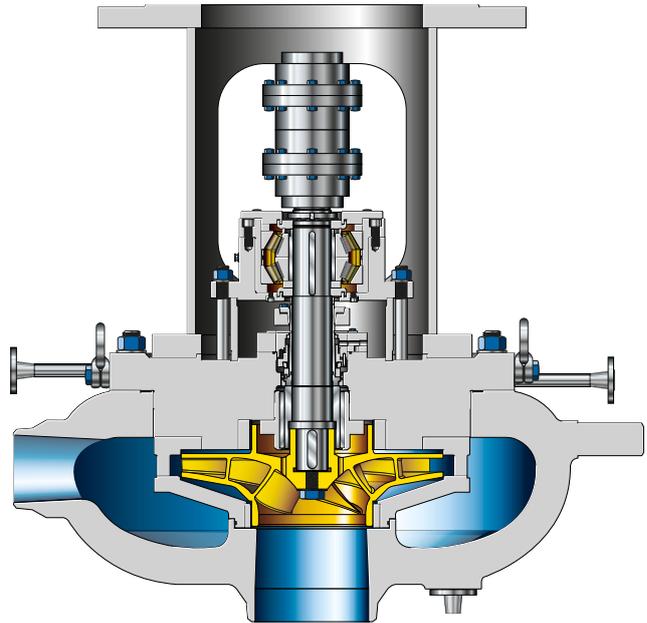
- Residual heat removal systems
- Low-pressure safety injection
- Acid injection system
- Core flooding
- Emergency cooling systems
- Auxilliary systems

More information: www.ksb.com/products

RHR/RVR – Safety-related pump



RHR Forged design



RVR Cast design

- **Quick replacement and maintenance**
 - Pull-out design of pump internals
 - Mechanical seal in cartridge design
- **Reduced susceptance to failure**
 - Elimination of ancillary systems (cooling, lubrication, instrumentation & control, piping, tanks, etc.)
- **High safety**
 - Symmetrically forged casing contour for highest strength and 100% NDE testing
- **Insensitive**
 - to dirt particles and short-time dry running

- **Operational reliability**
 - Minimum radial hydraulic forces (impeller/diffuser arrangement)
 - Low load on shaft and bearing
 - Smooth operation
 - Compact rotor design
 - Stable rotordynamic properties under transient thermal and cyclic pressure loads
- **Reliable**
 - Robust
 - Amply sized bearings
 - Low vibrations

Technical data*

Size	up to DN 500
Capacity	up to 6,000 m ³ /h
Head	up to 190 m
Operating pressure	up to 63 bar
Temperature	up to +200 °C
Speed	up to 3,600 min ⁻¹
Frequency	available in 50/60 Hz

*Higher ratings on request



KSB Aktiengesellschaft
 Johann-Klein-Straße 9
 67227 Frankenthal (Germany)
 www.ksb.com