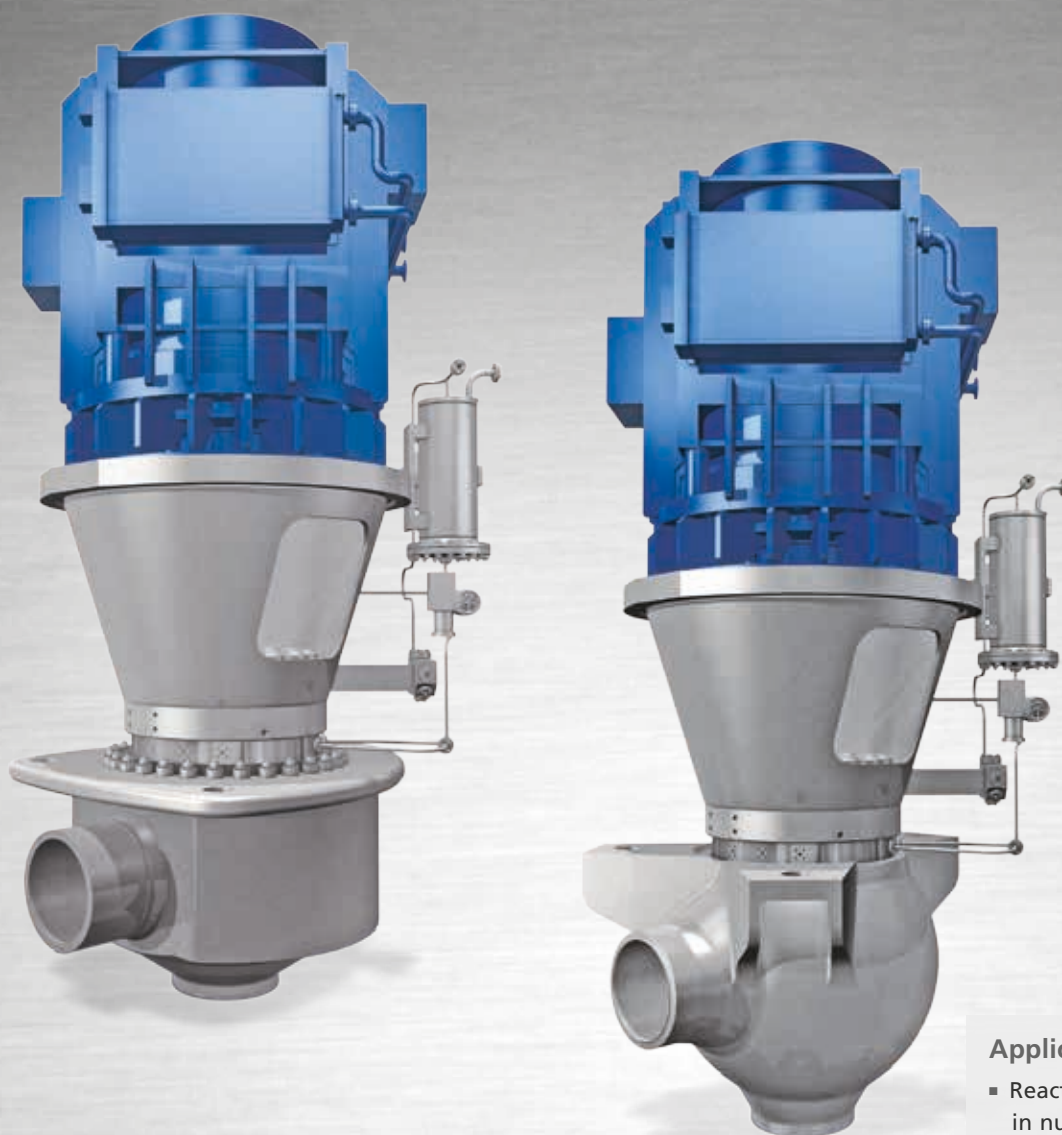


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Pumps • Valves • Service



RSR – Reactor coolant pump for pressurized water reactor



Applications:

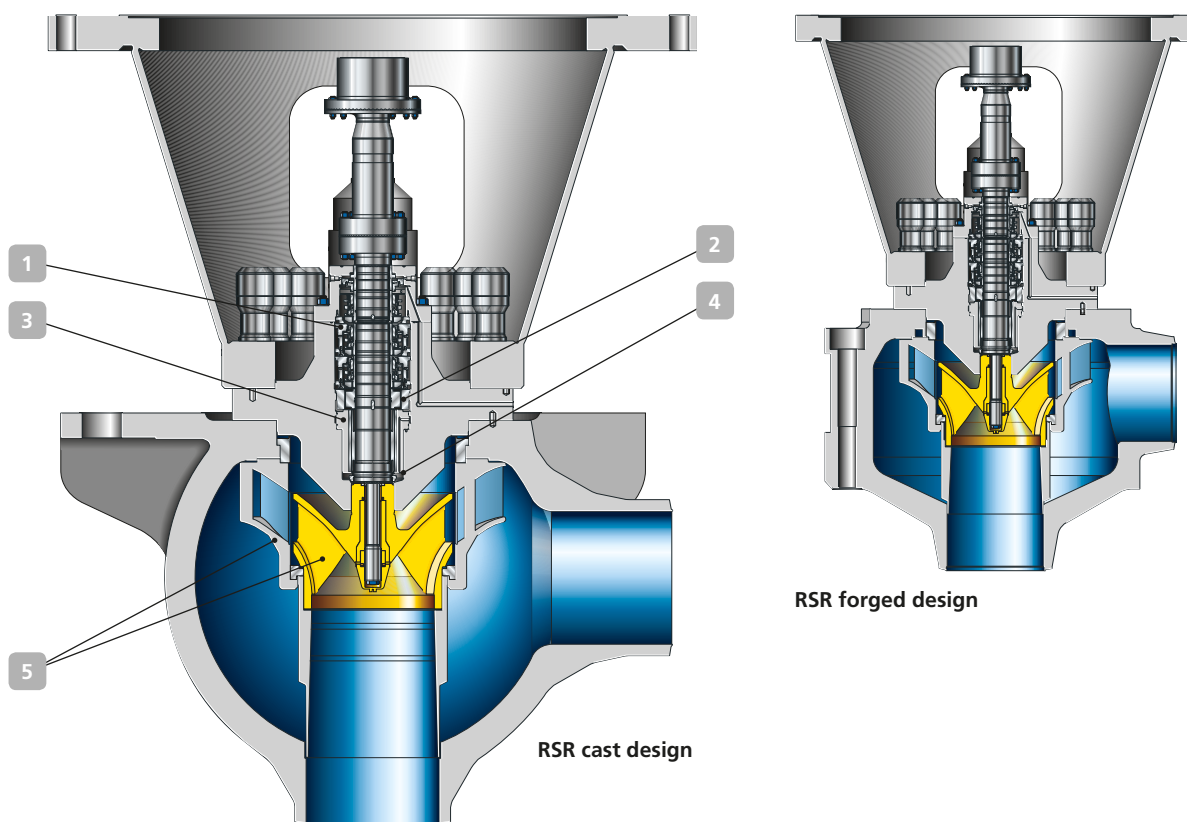
- Reactor coolant recirculation in nuclear power stations (PWR, PHWR)

More information:

www.ksb.com/products

RSR –

Reactor coolant pump for pressurized water reactor



- 1 100 % tightness**
 - Three mechanical seals (double-redundant) plus two standstill seals
- 2 Integrity under upset conditions**
 - Cooling of mechanical seals through thermosyphon effect
- 3 Operational safety**
 - Product-lubricated guide bearing

- 4 Perfect rotor alignment**
 - through Hirth-type serration of rotor connections
- 5 Optimized hydraulics**
 - Tailor-made impeller/diffuser combination
 - Model and full-load performance tests

Technical data*

Size	up to DN 750
Capacity	up to 24,000 m ³ /h
Head	up to 215 m
Operating pressure	up to 175 bar
Temperature	up to + 350 °C
Speed	up to 1,800 min ⁻¹
Frequency	available in 50/60 Hz

*Higher ratings on request