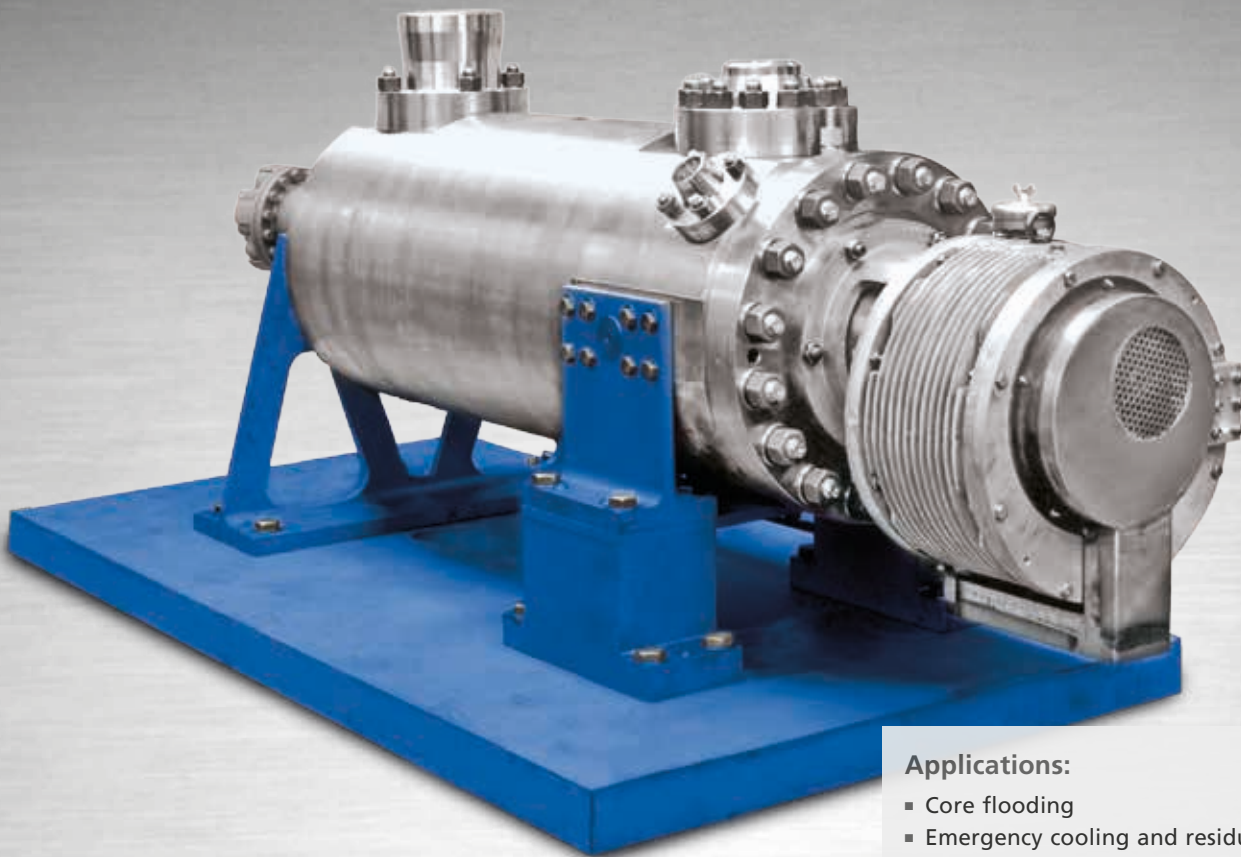


## **RHM** – Safety-related pump

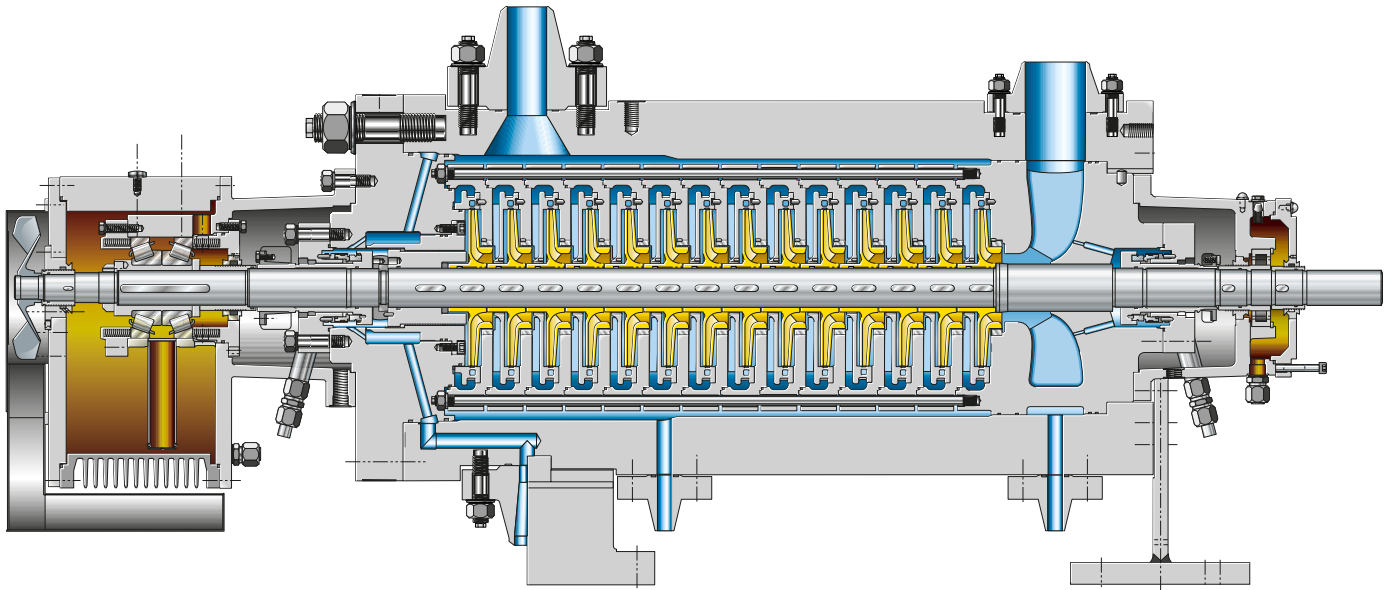


### **Applications:**

- Core flooding
- Emergency cooling and residual heat removal systems
- Volume control systems
- High pressure charging
- Control rod drive systems
- Safety injection systems
- Auxiliary feed water systems
- Start-up and shutdown feedwater systems

**More information:** [www.ksb.com/products](http://www.ksb.com/products)

# RHM – Safety-related pump



## High reliability and availability

- Independent and durable basic design
- Reduced susceptibility to failure
- Sophisticated design criteria
- Service-proven technology for more than 30 years

## Planning and installation

- Ready for installation as pre-tested unit
- Customized nozzle positions
- Self-sustaining pump unit with minimized interfaces:
  - Internal lubrication and integrated cooling system
  - Capability of start-up without pre-lubrication
- Pump unit condition monitoring possible

## Operational safety

- Wide operating range
- Non-galling wear rings
- Self-contained radial/axial thrust bearings
- Unsusceptance to thermal shock

## Quick replacement and maintenance

- Pull-out design of pump internal
- Easy access to bearings and mechanical seals
- Mechanical seals in cartridge design

## Technical data\*

Size	up to DN 150
Capacity	up to 300 m³/h
Head	up to 2,100 m
Operating pressure	up to 220 bar
Temperature	up to + 180 °C
Speed	up to 4700 rpm
Frequency	available in 50/60 Hz

\*Higher ratings on request