

LUV – Reactor coolant / Reactor water clean-up pump



Applications:

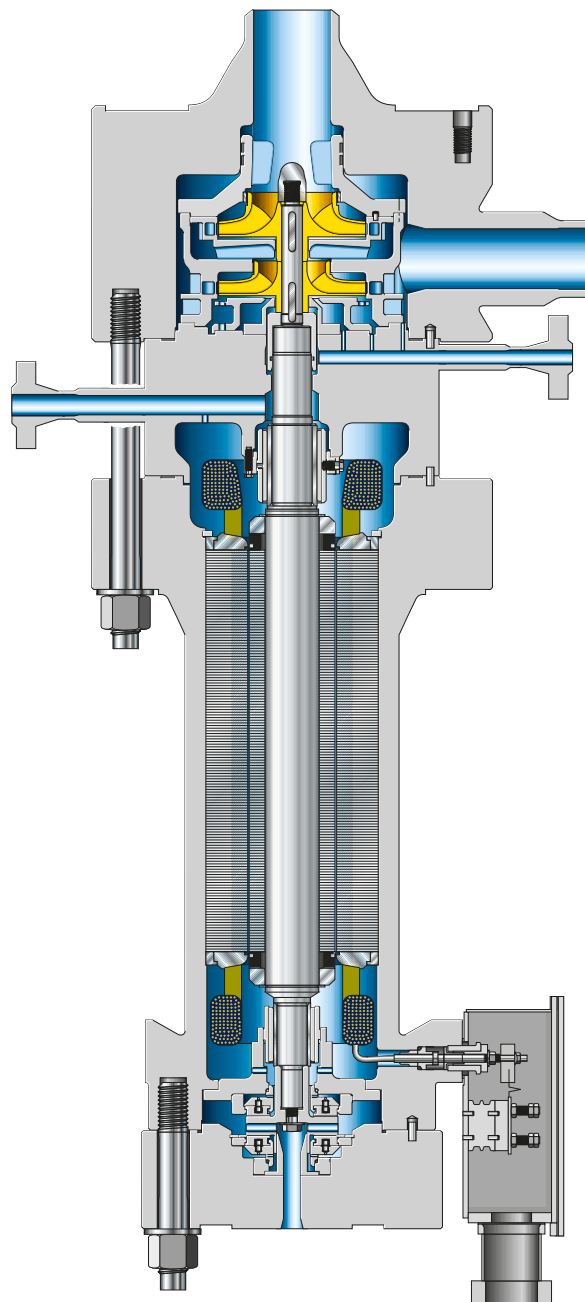
- Reactor water clean-up systems

More information:

www.ksb.com/products

LUV – Reactor coolant / Reactor water clean-up pump

- **High safety and increased plant availability**
 - Self-contained cooling and lubrication through integrated impeller
 - Hermetically sealed pump casing
 - No shaft seals
 - Symmetrically forged and thermoelastic casing, optimized to handle temperature and pressure transients
 - Hot standby at full pressure and temperature loads
- **Low life cycle costs (LCC)**
 - Long maintenance intervals – major inspection every 10 years
 - Stainless steel for all pump parts eliminates corrosion
- **Reduced radiation exposure (ALARA) and enhanced environmental protection**
 - Zero leakage
 - Long inspection intervals
 - Asbestos-free
- **Quick replacement and maintenance**
 - Pull-out design – the entire pump/motor unit can be pulled out without having to remove the pump casing, which also reduces the maintenance personnel's radiation exposure.
 - Easy access to wear parts



Technical data*

Size	DN 40-600
Capacity	up to 7,000 m³/h
Head	up to 300 m
Operating pressure	up to 320 bar
Temperature	up to +430 °C
Frequency	50 Hz / 60 Hz

*Higher ratings on request