

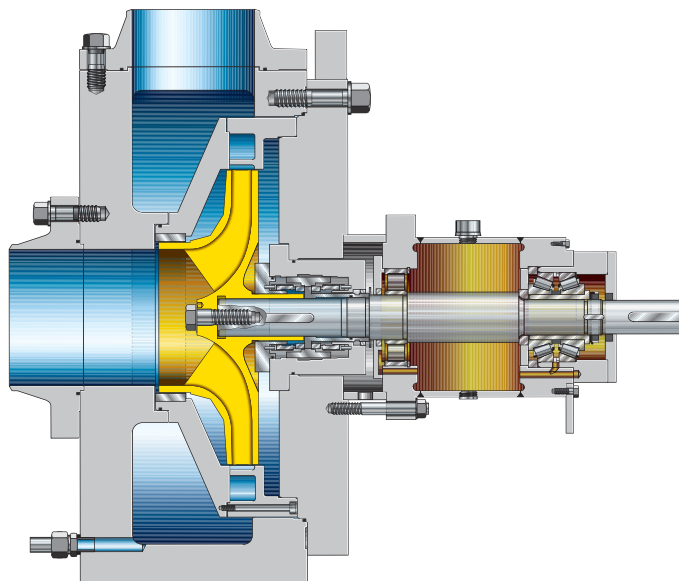
RHR End-suction pump



Applications:

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

RHR End-suction pump



RHR
RHR Forged 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

Symetrically 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 DN500
Capacity	up to 6500m ³ /h
Head	up to 190 m
Operating pressure	up to 63 bar
Temperature	up to +200 °C

* Higher ratings on request *

* Vertical type - RVR *

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