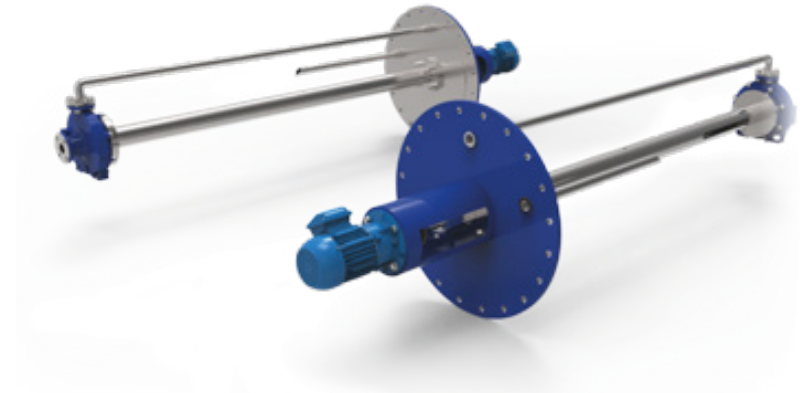
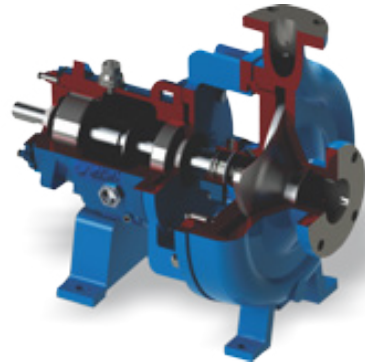


Experience  
**PORTFOLIO**  
Rotating Equipment

## Broad field of experience

We have expert knowledge on the specification and selection of rotating equipment. Providing advice in the type-selection process, system arrangement and performance characteristics. Well established experience in the selection of pumps for water treatment plants, hydrocarbon service and high-capacity cooling tower supply. Marius is well familiar with asset management of high value rotating equipment as well as service planning and execution for centrifugal compressors. He has in-depth knowledge on international pump standards such as the API 610, ASME B73.1 and API 674 & 675.



### Engineering expertise includes:

- the design and selection of parallel pumping systems, in particular, acceptable and safe operating ranges;
- Properly designed pump process inlet conditions.
- NPSH characteristics and product compatibility;
- Integrally geared centrifugal pump solutions for high pressure applications;
- mechanical seal system plans;
- the application of controlled volume metering pumps;
- Specification requirements for the procurement of centrifugal compressors.

