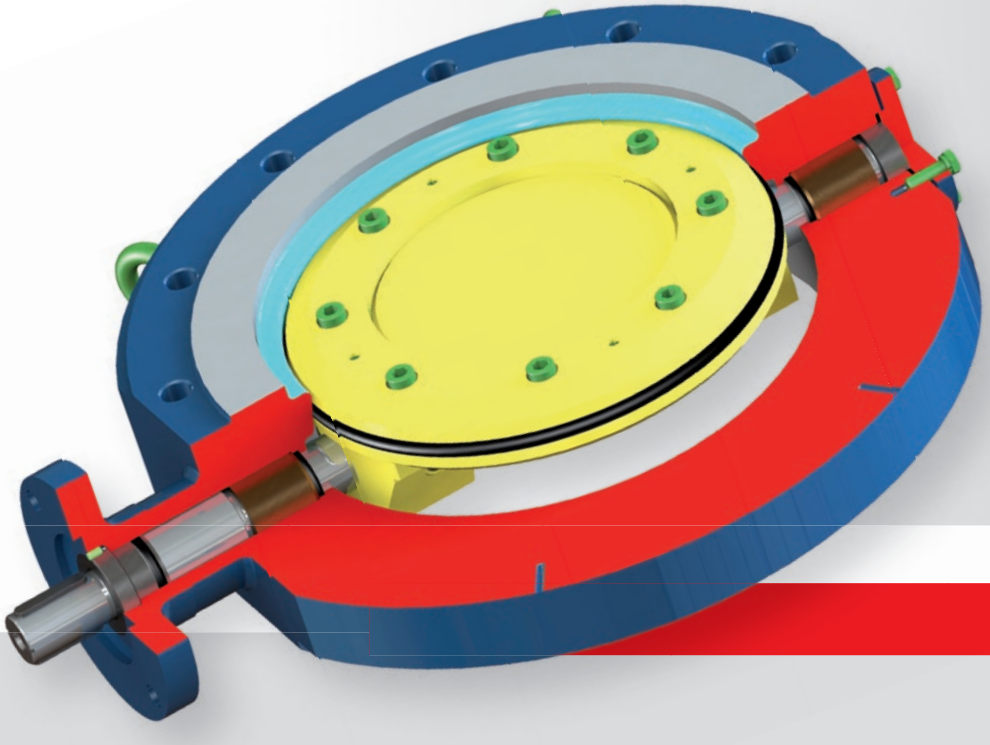

Application
The butterfly check valve is designed to open or close the service fluid flow fully. It is used in primary and auxiliary circuits of the nuclear power plant outside hermetically sealed zones.

Working medium
- water
- air
- gas
- sea water
- other working media

Maximum working temperature
- Tmax 200 °C

Technical description
The design of butterfly valve is single or double eccentric. The body and the disc are fabricated. The tightness on the disc is ensured by metal x rubber seal or metal x PTFE seal.

Production range
- DN 150-1200
- MAWP up to 2,5Mpa

Body material
- forged carbon steel 11 416.1 or 1.0425
- stainless forged steel 08X18H10T (1.4541)
- duplex stainless steel SAF 2507 (sea water)

Operation
- manual (hand wheel)
- electric actuator

Testing
Each valve is tested according to NP 068-05 let us say VTP-87. Allowable leakage is according to GOST R 54808-2011 or EN 12266-1 class B and C, (GOST 9544-2005). The calculation proposal, control calculation and calculation for seismic endurance are provided per each valve. The results of seismic endurance are experimentally verified on particular sizes.

Connection to the piping
- wafer type
- wafer type with counter flanges
- flanged ends
- welded ends
- flanged ends with counter flanges
- wafer type with welded ends

Illustrative purposes only