



Application

Control check valve is valve to regulate flow, which can be bi-directional. Control check valve is not shut-off valves. It is used in secondary 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 control check valve is centric. The body and the disc are fabricated. The regulation characteristic is stated in specifications.

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. 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

