



Application

The self-acting valve protects backward fluid flow. It is used in primary, secondary and auxiliary circuits of the nuclear power plant inside and outside hermetically sealed zones.

Working medium

- radioactive water
- steam
- gas
- other working media

Maximum working temperature

- Tmax 350 °C

Technical description

The swing check valve is fabricated design. The body and the bonnet are connected together by flanged joint.

Production range

- DN 50-500
- MAWP up to 25,0Mpa

Body material

- forged carbon steel 11 416.1
- stainless forged steel 08X18H10T (1.4541)

Operation

- self-acting operation

Testing

Each valve is tested according to NP 068-05 let us say VTP-87. Allowable leakage is according to NP 068-05. 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

- welded ends

