



Application

The gate valve is designed to open or close the service fluid flow fully. It is used in primary, secondary and auxiliary circuits of the nuclear power plants inside or outside hermetically sealed zones.

Working medium

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

Maximum working temperature

- Tmax 200 °C

Technical description

The ball valve is designed with floating ball. All elements are made of forged materials.

Production range

- DN 10-200
- MAWP up to 4,0Mpa

Body material

- forged carbon steel 11 416.1 or 12020.1
- stainless forged steel 08X18H10T (1.4541)
- duplex stainless steel SAF 2507 (sea water)

Operation

- manual (lever)
- 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 A, (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

- welded ends
- flanged ends
- wafer type

