



Application

The butterfly valve is designed to open or close the ventilation system of power plant. It is used in primary, secondary and auxiliary circuits of the nuclear power plant inside or outside hermetically zones.

Working medium

- radioactive air
- mixture air and steam

Maximum working temperature

- Tmax 150 °C

Technical description

The butterfly valve is single eccentric. The body and the disc are fabricated. The special design of operating shaft packing allows usage of the butterfly valve for air venting in radioactivity environment.

Production range

- DN 150-1600
- MAWP up to 0,6Mpa

Body material

- forged carbon steel 11 416.1 or 1.0425
- stainless forged steel 08X18H10T (1.4541)

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 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

- flanged ends

