



Type K92.14

DN 100-1000 PN 16-100
NPS 4"-40" Class 150-600

Working medium
Water

Trunnion mounted ball valves

with lever and counterweight

Application

- Valve designed to fully open or close the flow
- For hydro power plants with function of emergency closing in case of power failure
- For high head hydropower plants ca. from 100 m up to 1000 m

Design

- Trunnion mounted design
- Split body

Material

- Carbon steel
- Low alloy steel
- Stainless steel

Seats

- PMSS Seats with elastomer and thermoplastic

Accessories

- By-pass arrangement
- Dismantling joint
- Draining
- Venting
- Position sensors
- Anchor bolts with base
- Terminal box

Operation

- Opening by hydraulic cylinder, closing by counterweight

Connection to pipeline

- Flanged ends acc. EN 1092-1 flat face or raised face, ASME B16.5 (B16.47)



Key benefits

- Many variants of design configurations, like position of lever and counterweight, face to face length of valve in piping, special shapes of lever and housing to fit in close space when needed
- Long-term reliability and maintenance-free service
- Low headloss
- Zero leakage
- Loss coefficient is the same as piping with pipeline