

Taiyi valve

<http://www.taiyivalve.com>

Fully welded ball valve with Gear Box



Size: Full bore & regular bore DN50 (2") ~ DN 1,400 (56")

Pressure rating: ANSI Class 150 ~2,500, PN 16 ~ 420

Working temperature: -29°C (-20°F) ~ +200°C (392°F)

Suitable medium: Oil/Gas, LNG/LPG, Petrochemical, Steel mills, Heating pipes etc.

Operation: Lever, Gear (Vertical/Horizontal), Electric actuated.

Standard Features:

Structure end with butt welding or Flange

Mirror polished the whole SS ball and tested

Preload cushion spring ensure leakage closure when low temperature and reduce the operating torque

Blowout proof stem design

- Stem bearing and metal with self-lubricated PTFE coating.
- Floating or Trunnion Mounted type

Option Feature: (Upon request)

- Self relieving seat
- Vertical installation and stem extension
- Special end connection and bore
- An-static design
- Stem emergency sealant injection design

- Seat sealant injection design
- Metal to Metal seat
- Double back and bleed
- Double piston function seat
- Fire safe design
- Safety valve in body cavity
- Without ENP coated of ball and stem

Material:

- Body: Carbon steel , ASTM A105 or Equal。 Stainless steel F304 or F316 (As per request)
- Ball: Stainless steel 304 or 316
- Seat: Metal seat with polymeric seat ring, such as PTFE, RTFE, Viton, Nylon, Peek etc。