

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.