

API 6D BALL VALVES TECHNICAL DATA

STRUCTURAL FEATURE

1. STANDARDS

- Locking device
- Bi - Directional flow
- Fire safety
- Secondary seat seal
- Trunnion mounted
- Anti - static & Blow out proof stem
- Double block & Bleed (Single piston effect)
- Lever or Gear operators

2. OPTIONAL

- Drain and bypass connection
- Sealant injection for stem and seats
- Automatic pressure relief system
- Stem extension
- Automatic operation (Actuators)
- Double piston effect

MATERIAL SPECIFICATION

- **BODY** : C.S - ASTM A216 Gr. WCB, A106 Gr. B, A105 A352 Gr. LCB
S.S - ASTM A351 Gr. CF8 CF8M, A182 F304 F316
- **BALL** : C.S - A105, A216 WCB, A352 LCB+ENP
S.S - ASTM A351 CF8 CF8M, AISI 304 316, A217 CA15
- **STEM** : C.S - A105 AISI 1020
AISI 4140) + ENP
S.S - ASTM A182 F304 F316, AISI 304 316
- **SEATS** : METAL SEAT WITH INSERT RING
C.S - A36/A216+ENP
S.S - ASTM A351
A743) CF8, CF8M / AISI 304, 316
- **SEALS** : GRAPHITE, PTFE, RTFE, NYLON, PEEK, FPM, METAL, etc.
- **SPRING** : ASTM B637 Gr. 688, INCONEL X-750 AISI 304, 316
- **TRUNNION** : AISI 304, 316 or Equivalent
- **STUD/NUTS** : C.S - A193 B7 A194 2H
A320 L7M A194 7M
A193 B7M A194 2HM
S.S - A193 B8 A194 8
A193 B8M A194 8M
ASTMA182 F304 F316
- **PRESSURE RATING**
ANSI CLASS 150, 300, 600, 900
1500, 2500

