



## BALL VALVES **TRIFORCE**

**High Performance Metal-Floating Ball Valves - have been developed to operate in the most severe services, while ensuring operational integrity for the most critical applications.**

**These high performance ball valves can be operated with the absolute guarantee of a tight seal, even in cases where fluids solidify or crystallize in the body cavity, because the contact surfaces between the ball and seats are lapped together to form a perfect match:**

- Long life in severe applications and frequent operation
- Bi-Directional Sealing capability (optional for specific applications)
- -50°F to +800°F temperature capability as standard
- Cryogenic and Ultra-High Temperatures design upon request
- End to End dimension according to API 6D/ASME B16.10
- Bubble tight during standard test as per API 6D

### **API 6D Design Standard**

Body design	Split body 3 pieces
Seat type	Metal seated
Material Selection	LTCS or Low Alloy Steel + CRA Cladding Duplex, Super Duplex, Ni Alloy Forged TCC, CCC or Ceramic Hardfacing
Seals / Gaskets	Graphite Thermoplastics / Metallic Elastomers (FFKM)
Design features	Full/Reduced Bore Bidirectional preferred direction / Fully Bidirectional Anti blow out stem Firesafe
Special features	NACE Requirement Special bore Piggable Extended stem Extended bonnet
End connection	Flanged (RF / RTJ, compact, studded) Buttwelded ends Hub
Operators	Handwheel or manual gear Electric Multi-Turn Pneumatic quarter turn actuator Hydraulic quarter turn actuator
Product Range	#150 to #600 - 2" to 36" #900 to #1500 - 2" to 24" #2500 - 2" to 12"