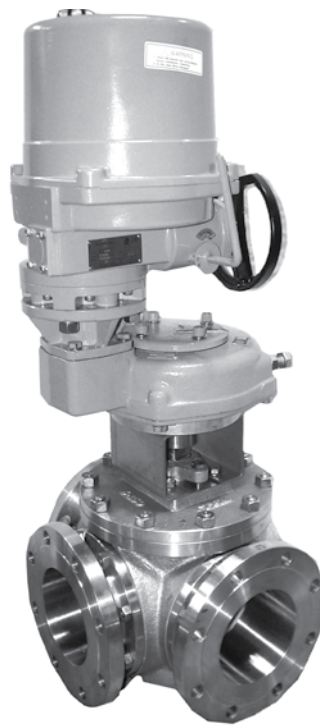


A Guide To Manual And Automated Ball Valves

**BALL VALVES
FROM SIMPLE TO COMPLEX DESIGNS**



- Sanitary Valves
- Cryogenic Valves
- Automated Valves
- Fusible Link Valves
- Cavity Filled Valves
- V-Port Control Valves
- Dribble Control Valves
- Instrumentation Valves
- Steam Jacketed Valves
- Flush Bottom Tank Valves
- Severe Service Metal Seats
- 3 And 4 Way Multi-Port Valves
- Pipeline Trunnion Type Valves
2" - 42" ANSI Class 150 Thru 2500
- Electric, Pneumatic Actuators & Controls



*Flo-Tite Offers A Complete Line Of High Quality Ball Valves
For Your Most Demanding Applications*

Website: www.flotite.com

Threaded Ball Valves

Fusion Series

S23 - Seal Weld T23 - 2PC

Design Features

- 2000 WOG 1/4 - 2"
- 1500 WOG 2 1/2 - 4"
- Fire Safe, API 607-5
- S23 - Steam Service 250 SWP
- 316SS or WCB
- ISO 5211 Mounting Pad



3/4" CS

I-SO Mount



2" SS

Tech Bulletin page 14, 15

Flanged End Ball Valves

Full-Flo Series
Full Bore

Uni-Flo Series
Standard Bore

TM Series
Trunnion Design

Flo-Tite offers a complete range of Flanged End Ball Valves in both Floating and Trunnion Type Designs. Available in both carbon, stainless steel, and many other special materials.

Design Features

- ISO Type Mounting Pad
- Safety Locking Handle
- Anti-Static Grounding Device
- Fire Safe-API 607 And NACE Requirements
- ANSI Class, 150, 300, 600, 900, 1500 & 2500
- Special Metal Seats Meeting Class VI And Down
- Cavity Fillers Size 1/2 Thru 12 inch
- Complete Size Range 1/2 Thru 42 inch
- V-Ball Control Valves



Model F150 Full Port

I-SO Mount

Tech Bulletin page 60, 61, 62, 63



TM 600

I-SO Mount

Tech Bulletin page 80, 81, 82, 83

3 PC Ball Valves

Weld in Place Design

I-SO Mount

Multi-Choice series

This series is our most versatile design. Series 200/300 ball valves are offered in Threaded, Socket Weld, Butt Weld, Flanged End, and extended Weld Ends. The Valve center body is drilled and tapped for cap bolting to assure exact alignment.

Design Features

- 1500 WOG/150 WSP
- Live Loaded Stem
- V-Ring Stem Packing
- Anti-Static Grounding Device
- Size Range 1/4 Thru 12 inch
- I-SO-Mount Automation Pad
- Safety Locking Handle
- Wide Range Of Seating Materials
- V-Ball Control Valves
- Cavity Fillers
- Carbon, Stainless Steel And Many Other Special Materials
- Secondary Media Containment
- Flush Bottom Tank



Model 320

Cap Screws
Make the
Difference

Tech Bulletin page 45, 46, 47, 48

Multi-Port 3 And 4 Way

I-SO Mount

Flo-Tite offers a wide selection of multi-port ball valves designed to simplify piping systems, eliminating the need for 2 or more standard valves. The Valve has a one piece Ball/stem with a trunnion type Ball Support, T, L, or LL Flow Plans. I-SO-Mount Actuator mounting pad is standard.



Model MPT 100

Tech Bulletin page 100, 101

Model

MPF 15
MPF 30
MPT 100
MPC 100

Bottom Entry

MPS83
MPF155

Size Range

Threaded / SW 1/4 thru 3 inch
Flanged 150/300 3/4 thru 12"

Type

150 LB. Flanged End
300 LB. Flanged End
800 WOG Threaded End
Tri-Clamp Ends

NPT, SW
Flanged



Model MPF 15

Tech Bulletin page 90, 91, 92, 93

Multi Choice Sanitary Designs

I-SO Mount

Offering both Tri-Clamp and Extended Tube Bore connections. The ball and the tube bore connections have the same I.D. as the tube piping system.

- 30-35 RA surface finishes
- Solution cleaned and bagged
- Electro-polish
- C.I.P. clean in place
- Cavity Fillers
- All stainless steel hardware
- Cap screw body design Size range 1/2" through 4"
- 316-CF8M & 316L CF3M



Model 350



Model 370

Tech Bulletin page 55, 56

Tri-Pro Series

I-SO Mount

High pressure 3 Piece Series built for demanding applications such as petrochemical, power, oil and gas, pulp and paper, and many other industrial process applications.

Both Full & Reduced Port Models

- 1/4" thru 4" 2250 PSI
- 1/4" thru 1" 3000 PSI
- Fire safe designed to API 607-4
- ANSI B16.34
- Protected Seat design
- Weld-in Place Socket & Butt Weld
- Flanged End Class 150, 300, 600 & 900



HPF52



HPF51

Weld-In Place Design
Tech Bulletin page 51AA

Flo-Tron Series

Rugged construction - Cast body
This heavy duty valve is built for hydraulic and petro-chemical applications.
S3000 - 3000 WOG / S6000 - 6000 WOG
Fire Safe Designed to API 607-4



Model
S3000



Model
610, 620

I-SO Mount

Tech Bulletin page 15, 16, 17, 18

Kompact Series

Full Port - Size - 2" – 6"
Full Flanged Wafer
Compact Design
Cavity Filled
Steam Jacket
V-Port Control



I-SO Mount

Tech Bulletin page 111, 112

Cryogenic Valves - Cryo Series

Designed to Operate
in temperatures down
to - 425°F

3PC - Tri-Pro
3PC - Multi - Choice
2PC - Flange Ends



Tech Bulletin page 138, 139

Valve Seating

Flo-Tite's Super-Tek (TFM) seats are provided as standard in most of our ball valves, Super-Tek offers low torque with temperatures reaching over 500° F. Tech Bulletin page 184, 185

Optional Seats

Full metal, 50% metal, virgin TFE, UHMWP, Super-Tek II, Peek, Reinforced TFE, Body Cavity Fillers in most seating materials.

Tech Bulletin page 180, 181



Media Containment Cap

Tech Bulletin page 140, 141

Automation Air-Con Series

Flo-Tite's Air-Con series offers a complete line of Pneumatic & Electric actuators. Both 90° and 180° rotation is available. Modulating Actuators are available for our [V-Ball Control Valves](#).

Accessories:

- Limit Switches
- Speed Controls
- Manual Override
- Lock Out Devices
- 4-20 MA And 3-15 PSI
- 3 And 4 Way Direct Mount Solenoid Valves
- Pneumatic And Electro Pneumatic Positioners



Commodity Brass & Stainless valves are also available, contact us.