

Product Specification for Floating Ball Valve

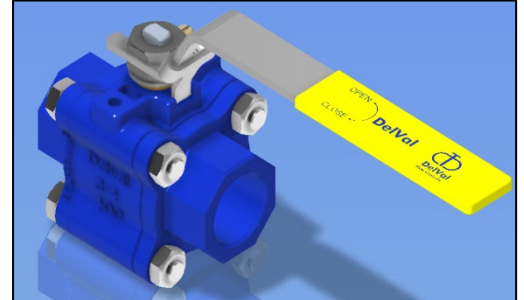
Valve Type: Series 64 three-piece Threaded / Socket Weld Ends

Valve Body:

- Three-piece cast construction with swing out feature for ease of maintenance.
- Threaded or Socket Weld end connections

ISO Top Flange:

- Integral Top flange for ease of mounting of actuators and gears
- Sizes from 1-1/4" ISO top plate drilled to DIN EN ISO 5211 dimensions.



Solid, One-Piece Ball:

- Precision 316 stainless steel ball as standard.
- Vented ball equalizes body cavity pressure in open position and prevents possible seat damage.

Stem:

- Anti-Blow out Stem design.

Seat:

- Bubble-tight sealing at high and low temperature. Seats in PTFE / RPTFE / Ultra / PEEK material options are available.

Anti-static Device:

- Anti-static device as a standard feature.

Pad Lock Plate:

- Pad lock facility is available as standard.

Stem Packing:

- Spring energized packing to compensate wear and temperature changes.

High cycle life:

- Lower operating torque for ease of operation and reduced actuator cost
- Extended cycle life

Material of Construction:

- **Body:** ASTM A216 WCB / WCC
ASTM A352 LCB / LCC
ASTM A351 CF8 / CF8M
- **Ball:** ASTM A351 CF8M/CF8/CF3M
- **Seat:** ULTRA, PTFE, RPTFE, PEEK
- **Stem:** ASTM A479 SS316 / S38103 (F51)
- **Stem Packing:** Graphite
- **Body Gasket:** Graphite

Working Temperature:

- **PTFE:** -40 °F TO 392 °F (-40 °C TO 200 °C)
- **RPTFE:** -58 °F TO 428 °F (-50 °C TO 220 °C)
- **ULTRA:** -58 °F TO 500 °F (-50 °C TO 260 °C)
- **PEEK:** -58 °F TO 500 °F (-50 °C TO 260 °C)

Size Range: 1/2" to 3"

Rating: ASME Class 400

Design: BS EN ISO 17292

Testing: ISO 5208 / API 598

Face to Face: Manufacturers standard

End Connection:

Threaded: ASME B1.20.1

Socket Weld End: ASME B16.11

Pressure Temperature: ASME B16.34

Fire Safe Certified: API 607

Approvals & Certifications:

- CE/PED

Special Applications:

- Chemical
- Petrochemical
- Oil and gas production
- Steam & Hot gases
- Water / Waste water treatment
- Pharmaceutical
- Fire safe application