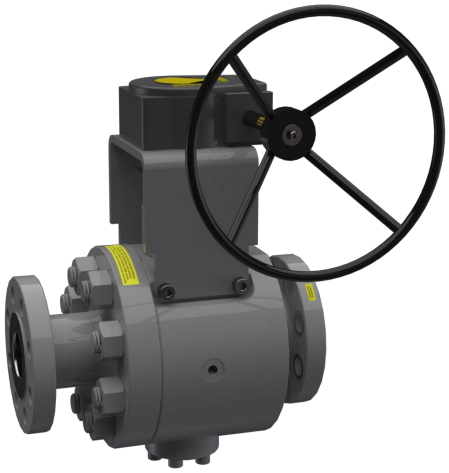
oliver twinsafe

HIGH TEMPERATURE VALVES



HT SERIES | PIPELINE VALVES

The Oliver Twinsafe HT-Series of ball valves are specifically designed for high temperature applications where soft seated valves are no longer suitable, typically for process temperatures higher than 200°C (392°F).

The valve design utilises qualified and field proven metal to metal seating, with carefully selected, low permeable coatings, to provide zero leakage performance. In addition, a range of high temperature sealing materials are available, for temperature ratings up to 500°C and also for ultra-low emission applications.

The robust trunnion design ensures low operating torques, with ISO mounting pad suitable for gear operation or actuator mounting. Custom body and trim materials available based on process application and project requirements.

Valve Design	API 6D, API 6A
Pressure Class	ASME Class 150 – 2500 API 6A 3000, 5000, 10,000
Temperature Range	-50°C to +500°C
End Connections	Flanged, Butt Weld, Hub
Size Range	1 to 18 in (DN25 to DN500)

DESIGN FEATURES

Proven high temperature sealing technology for temperatures beyond 300°C
Low fugitive emission packing available
Bi-directional sealing
Forged 1 piece compact body, 2 piece or 3 piece body designs
High integrity carbide coating of ball and seats
Single Isolate, DIB or DBB designs available
Suitable and proven for high-cycle operations (in house testing over 400 cycles)
Specially selected low friction, high temperature bearings allowing high number of cycles
Anti-static device
Anti-Blow out stem
Self-relieving seats
O ring and Lip Seal seals available
Weld overlay of full through bore or sealing areas available
Manual or actuated operation (electric/pneumatic/hydraulic)

TESTING & CERTIFICATION

- Firesafe qualification testing to ISO 10497, API 6FA and API 607
- Fugitive Emission Testing to ISO 15848
- Pressure Equipment Directive 2014/68/EU
- API 6A PR2 Annex F qualification testing - independently witnessed
- Shell qualification testing to MESC 77/300 - independently witnessed

For Sales Enquiries Email or Telephone:

+44(0)1565 632636

sales@valves.co.uk | www.valves.co.uk

Customised Valve Specialist

APPLICATIONS: DOWNSTREAM REFINING, CHEMICAL PROCESSING & STEAM INJECTION