

ADELAIDE • BRISBANE • PERTH

TECHNICAL SPECIFICATIONS – BALL VALVES TRUNNION & FLOATING

 Test and Certification Standards ANSI B16.34 API 6D 	• API 6FA • API 598	 API 607 MSS-SP-61
 2. Basic Design ANSI B16.43 ANSI B16.5 ANSI B16.10 	 API 6D/ISO 14313 API 598 MSS-SP-44 	MSS-SP-72MSS-SP-84
3. Material StandardsANSI B16.34	ASTM Section 1	• NACE MR-01-75
 4. Quality ANSI B16.34 ASTM Section 3 API Q1 	 MSS-SP-53 MSS-SP-54 MSS-SP-55 	 MSS-SP-93 MSS-SP-94 ISO 9001
 5. Features Anti-static Device Field Repairable Material Traceability Bi-directional (seals in both directions) 	 125-250 RMS RF Flange Finish Bubble Tight Sealing Visual Position Indicator Low Torque 	 Blow-out Proof Stem 100% Hydro Tested
 6. Trunnion Mounted Style Design F 2 and 3 PC Design Trunnion Mounted Pressure Activated Seats Double Block and Bleed Spring Loaded Seats for Low Pres Manufactured to API 6D requirer 	essure Sealing	
 7. Floating Ball Design Features Floating Ball Design Stainless Steel Trim Adjustable Packing Lever/Gear included Tested to API 598 	P	
 8. Available Special NDT Testing (ex. NDT According to API 6D UT Examination DPI Examination (Dye Penetrant RT Examination 	tra change) • PMI (Positive Ma • Hardness Test	aterial Identification) ections

www.australianpipelinevalve.com.au

70-78 Stanbel Road Salisbury Plain, South Australia 5109 **Telephone +61 (0)8 8285 0033** Fax +61 (0)8 8285 0044 admin@australianpipelinevalve.com.au

9. Material Certification

All certificates will be API 6D/EN type 3.1 for metallic pressure retaining parts (body, bonnet, closure ends) and major trim components: stem/trunnion/body-seat-ring.

The following components/ parts will be certified as follows: EN 10204/ DIN 50049 type 3.1: Body, Closures, Bonnet/ Top cover, Lower trunnion, Ball, Stem, Seat EN 10204/ DIN 50049 type 2.2: Gaskets/ o-rings, Bolting Hydraulic and functional final tests certification is in accordance with EN 10204/ 2004/ 3.1.

10. Painting

Valves will be painted in accordance with APV standard paint specification. Dedicated painting procedures will be issued in case of order.

11. Packing

Export grade packing will be provided <<(heat treated pallets)>>. Packaging is included in our unit prices and it is suitable for ground freight and in accordance to <</ISPM 15 Standard>>.

12. Documentation

Technical documentation will be submitted in accordance with the order. In addition we can submit the following documents as required at bid and/or order stage.

- · Full set of catalogues for all items quoted
- · APV standard terms and conditions
- Standard packing procedure specifications
- Standard APV painting specifications

13. Design

Valve design according to API 6D – minimum thickness according to ASME B16.34 + corrosion allowance – bolting sizing according to ASME B16.34.

14. Testing

Final testing and inspection in accordance with API 6D/ API 598. Testing will be carried out with the valves installed on standard test benches.

- Hydrostatic body test (each valve)
- Hydrostatic seat test (each valve)
- Operation test tests (each valve)
- 100% Visual examination, 100% dimensional check included
- No other special tests included as standard.

© Copyright Australian Pipeline Valve 2013