

DAFRAM- DESIGN, FIRE SAFETY & TECHNICAL DATA

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DESIGN

DAFRAM trunnion mounted ball valves design, manufacturing and materials comply with the requirements of the 97/23/EC Directive (PED), API 6D and ASME VIII. Pressure/Temperature ratings and the flange design conforms to ASME B16.5 although seat ratings are set according to insert material. Wall thicknesses comply with ASME B16.34. The ball and stem are independent to minimize the effect of the side thrust generated by the pressure acting on the ball.

FIRE SAFETY

The DAFRAM trunnion mounted ball valves have been designed to meet the Fire Safe requirements of BS6755 P.2, API 607 and ISO 10497. Fire qualification tests have been witnessed by independent inspectors covering the whole production range.

TECHNICAL DATA

Sizes: DN25 to DN 1200, 1" to 48", Full and Reduced bore
Pressure rating: ANSI Class 150 to Class 2500
Temperature range: -196°C to +500°C
Seat leakage rate: ISO 5208 Rate D and A, ANSI/FCI 70-2 Class V and VI
End flange connection: ASME B16.5 (1" to 24"), ASME B16.47 Serie A (26" and above)
Buttweld ends: ASME B16.25
Mechanical joints: to customer requirements
Top Flange: ISO 5211