

T-Series – Trunnion Isolation Valve

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Features for the MOGAS T-Series Valve Line

1 Independent actuator mounting pad attached to body

- Precision machined to ensure precise stem alignment
- Body absorbs torsional load from actuator operation transmitted through brackets

2 Simple disc spring design

- Durable design compared to multiple coil springs
- Particle tolerant
- Consistent support around seat circumference

3 Plug / stem lower trunnion design

- Enhances serviceability
- Eliminates complexity and leakage associated with typical plate supported trunnions

4 Blowout-proof anti-static stem

- Unique upper bonnet design minimizes fugitive emissions

5 Independent upper and lower stem sleeve bearings

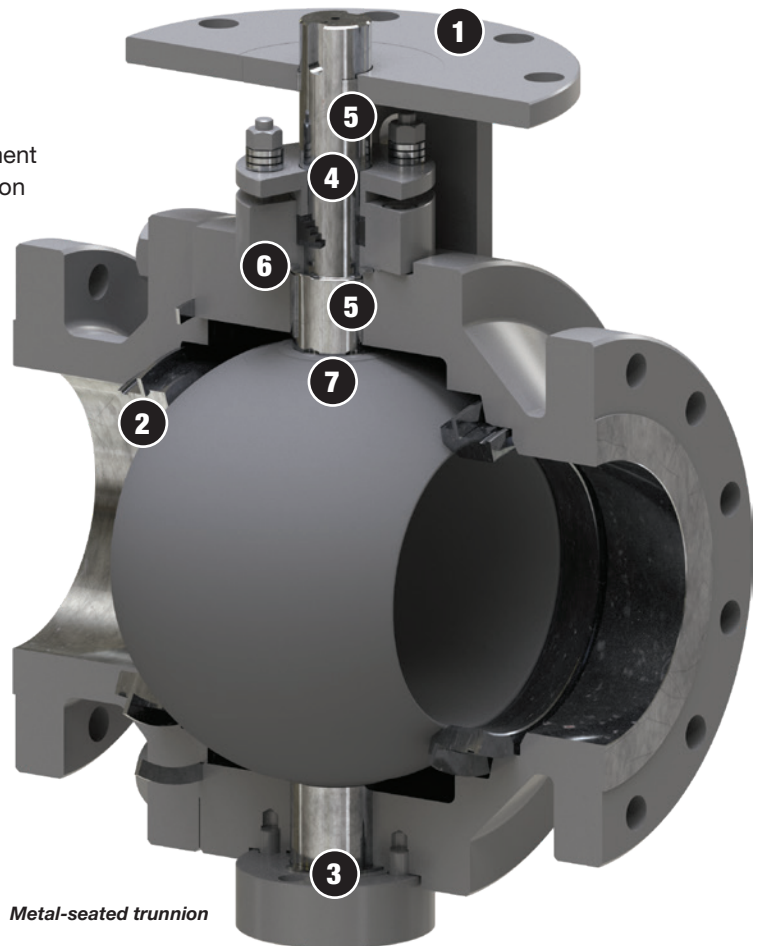
- Provides full stem support
- Reduces lateral load
- Prevents galling
- Extends packing life

6 Inner stem seal technology

- Reduces friction between anti-blowout shoulder and upper bonnet
- Prevents solids from migrating to soft stem packing, extending packing life

7 Low-hysteresis drive design

- Precision tolerances ensure accurate positional control
- Handles rapid cycling



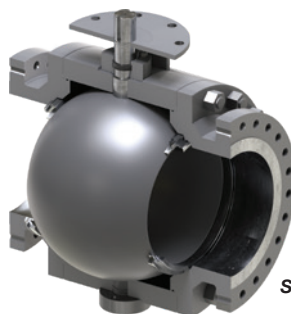
Metal-seated trunnion

Design

- 3 to 60 inch (80 to 1500 DN)
- Bi-directional
- API 6D or ASME B16.34
- Suitable temperature range: -50 to 400° F (-46 to 204° C)
- Suitable for high-cycle services

Options

- ASME 150 to 2500 Class (not all size / pressure class combinations available)
- Metal seated or soft seated
- Fire safe design
- Cast or forged body; 2 or 3-piece
- Process and customer-specific body and trim materials
- Process and customer-specific coatings
- Adjustable or non-adjustable stem packing
- Spiral-wound body gasket or O-ring body joint seals



Soft-seated trunnion