



Metal-Seated Severe Service Valves

Model SSG



Severe Service Technology, Inc.



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Since its founding in 1997, **Severe Service Technology, Inc.** has dedicated itself to the engineering and manufacture of the most rugged and durable metal-seated ball valves in the industry. Our years of manufacturing experience, combined with over 50 years of engineering expertise, has created a complete isolation valve solution to any industry's toughest critical service applications. We have shipped over 15,000 valves.

Our state of the art manufacturing facility is fully equipped with the latest technology in machining, thermal spraying and testing equipment. Our rigid, quality control standards ensure that our products are manufactured with detailed precision that meet or exceed ANSI, AISI, API and MSS-SP-61 requirements.

Rely on us for you next metal-seated ball valve requirements. Allow our products be the solution to your most demanding applications. Increase your productivity, maximize your plant efficiency.

Applicable Codes and Standards

SST valves are designed, manufactured and tested to:

- MSS-SP 61: "Pressure Testing of Steel Valves"
- ASME B16.34: "Valves – Flanged, Threaded and Welding End"
- ASME B31.1: "Power Piping Code"
- API 598 "Valve Inspection and Testing"

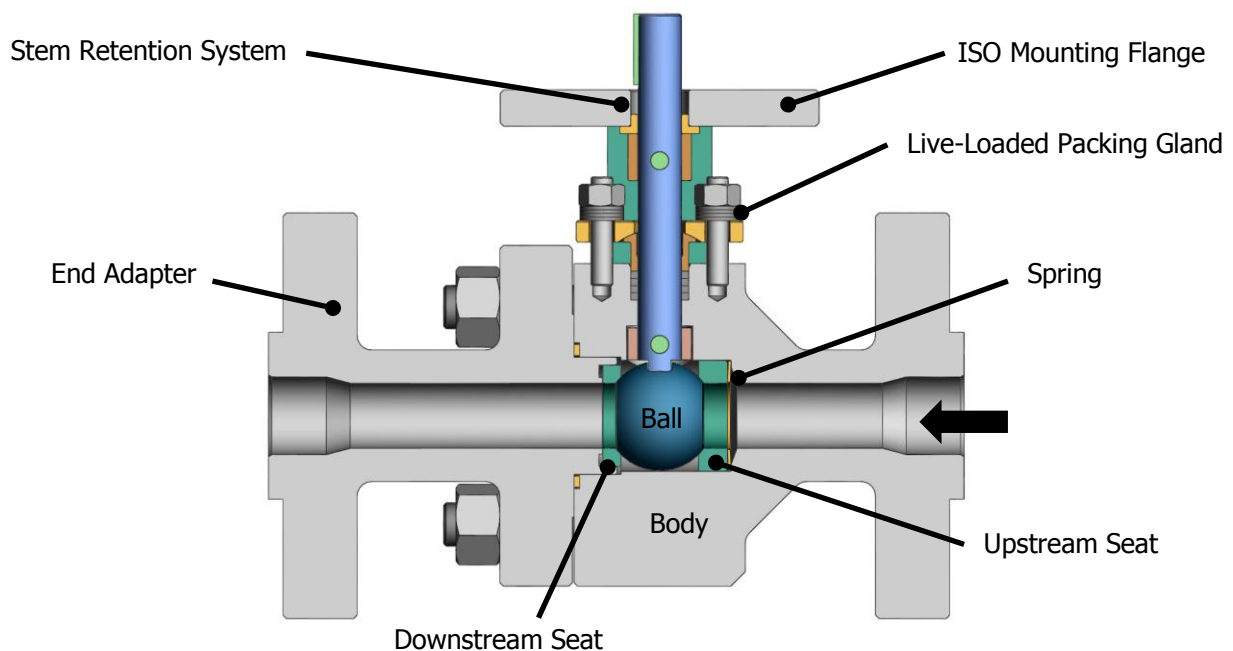
Model SSG Product Overview

- Sizes: 1/2 to 24"
- 2 or 3-Piece Design
- ASME Classes: 150 to 4500
- End Connections: Flanged, RTJ, BW and specials
- Bore: Full and Reduced
- Sealing: Uni- and Bi-directional
- Available in Block & Bleed configuration
- Actuation: Gear, Electric and Pneumatic

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General Service Valve

SST's versatile, general service valve is designed to meet the most demanding critical/severe service applications. Each component has been designed with the latest computerized design software. Unlike Model SSV for Power Generation, and Model SSM for Mining industry, the SSG is the most flexible meeting the demands of any isolation service conditions.

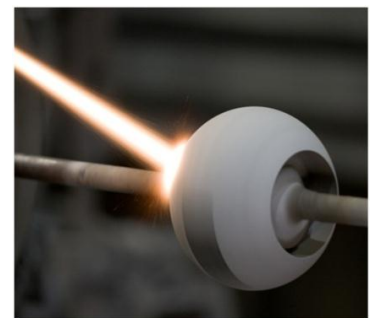


High Velocity Oxygen Fueled (HVOF) Coating

A process; using oxygen, hydrogen and Chromium (53-57 Rc) or Tungsten Carbide powder (64-68 Rc) at MACH 5 to create harness on Ball and Seats. Coating is suitable for temperatures to 1400 F (750 C).

Other coatings and Ceramic Ball and Seats are also available.

Ball and Seats are Mate-lapped after coating to ensure zero leakage





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