

ZERO EMISSIONS METAL BELLOWS SEAL

Description

In addition to a variety of effective fugitive emissions packing configurations, including: live-loading and special materials, Trimteck offers its unique Guard Master™ Metal Bellows Seal on the Optimux OpGL Globe Control Valve to ensure reliable compliance with stringent environmental and safety regulations.

Advantages

- High quality, modular construction
- Built to withstand high pressures and temperatures
- Extraordinarily long service life
- Can be retrofitted to valves in a variety of sizes and pressure classes
- Sized and manufactured to specific customer requirements

Materials

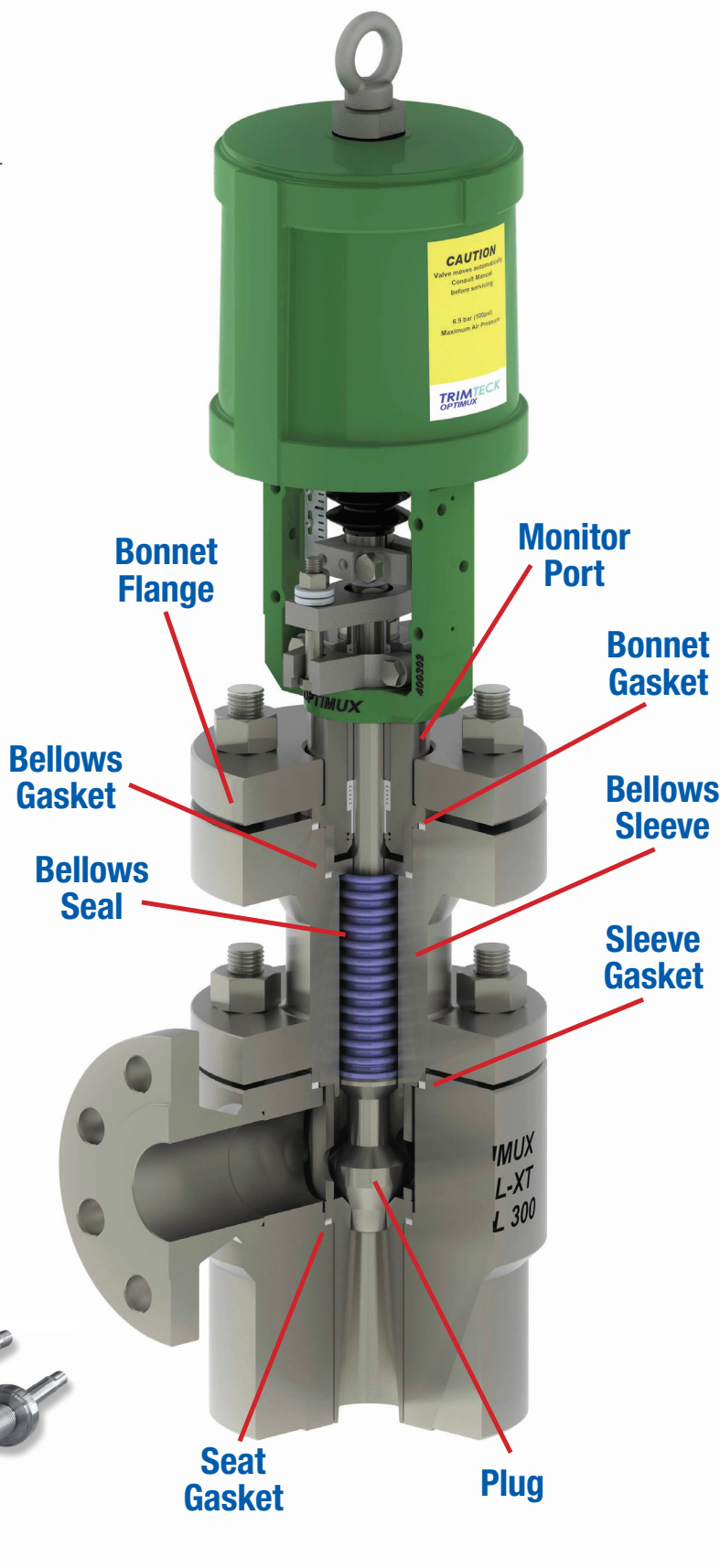
- Inconel standard
- Available in Hastelloy and Stainless Steel Variations
- Full traceability

Construction

- Modular
- Tight tolerances
- Few weld-points
- Monitoring Port available on bonnet for simple and frequent testing

Life Cycle

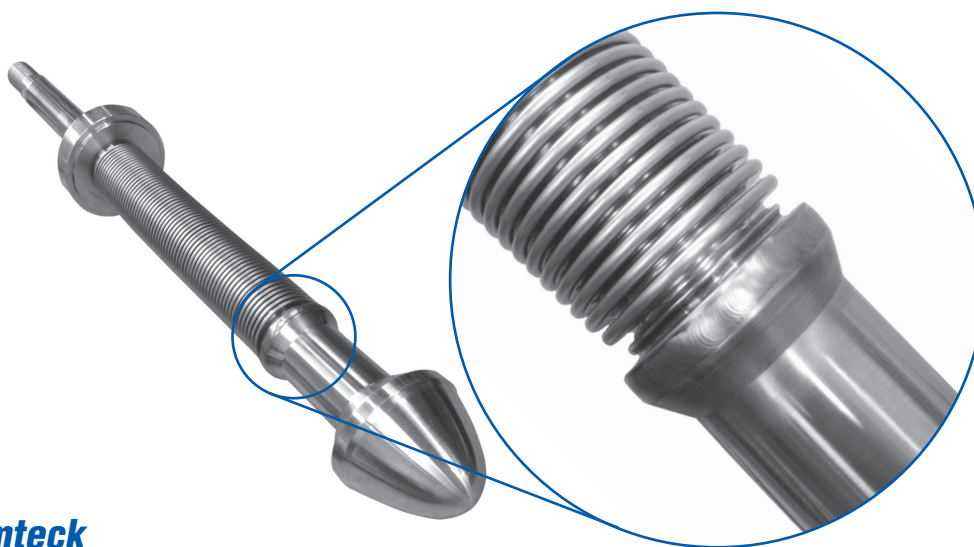
- Up to 6 million cycles
- -380°F to 1,120°F Operating Temperatures
- Up to 1,300psi Operating Pressures



SCAN CODE TO LEARN MORE

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Technical Specifications	
Base Valve Type	Globe, Angle, Y-Pattern, and Three-Way
Trim Type	Metal Bellows Seal
Sizes (NPS)	1/2" to 24"
Body Materials	Carbon Steel, Stainless Steel, Alloy, Chrome Moly
Pressure Class (ASME/ANSI)	CL150, CL300, CL600, CL900
Shutoff Class (ANSI)	Class III, Class IV, Class V, Class VI
End Connections	RF Integral Flange, NPT, RTJ, Socketweld, Buttweld, Grayloc
Service	Zero Fugitive Emissions
Operating Temperature	Standard, High, Cryogenic
Flow Characteristic	Equal Percentage, Linear, Bi-Linear, Quick Open, Custom
Industries	Chemical/Petrochemical, Food & Beverage, Industrial Gases, Oil & Gas, Refining
Standards & Norms	ANSI/ISA, ASME, CRN, NACE, PED



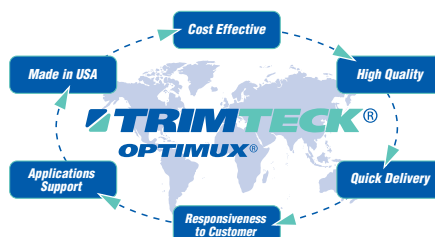
About Trimteck

Trimteck® is a NASA VDB-approved, ISO 9001-2016-registered U.S. company (Registration No. 2012-98243) with over thirty years of experience engineering, manufacturing, and marketing high-quality, cost-effective flow, pressure, and temperature control solutions and equipment for critical processes. Our products are currently helping customers safely improve quality, optimize throughput, and reduce emissions and energy costs across an array of industries in more than 50 countries.

We manufacture a comprehensive line of control valves – and variety of actuators, positioners, severe service trims, and other accessories – that our applications engineers and representatives use to solve even the most complex flow control problems quickly and economically.



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Products in
compliance with:
ASME B16.34
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