

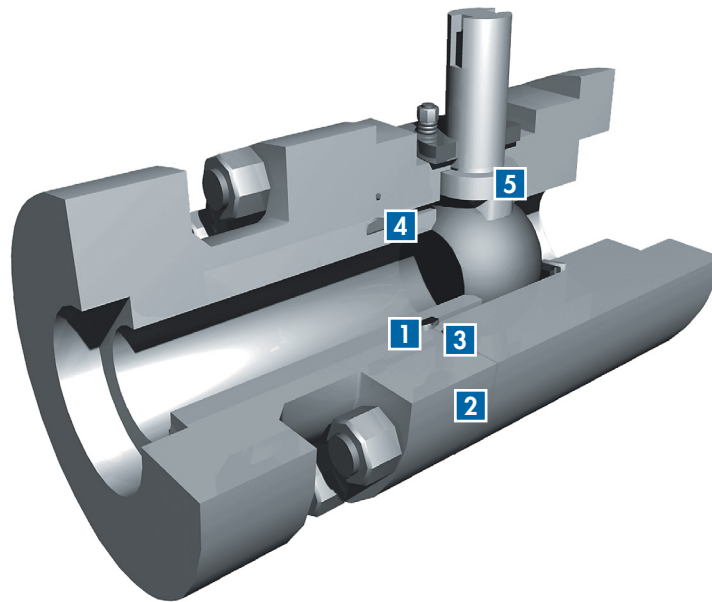
V Series Valve Solutions

The Flagship of the ValvTechnologies' Product Line

V Series

The Flagship of the ValvTechnologies' Product Line.

The ValvTechnologies' design features are the implementation of extensive industry experience.



1 Integral Metal Seat.

With our patented HVOF RiTech® coating technology, the integral seat in ValvTechnologies' valves is resistant to the attack of abrasive magnetite and ferrous oxides that may be seen in the steam flow.

2 Body Seal Ring.

ValvTechnologies employs a field proven seal ring technology to ensure sealing under all operating conditions, up to 1400° F. The body seal ring is loaded at a pressure higher than 20,000 psi. In addition, valves sized 3" and above contain a secondary Grafoil® seal to further guarantee reliability.

3 Patented Coating Process.

The sealing surfaces are overlaid with tungsten or chromium carbide using our HVOF RiTech® coating process. These surfaces have a hardness of 68 - 72 Rc to provide uninterrupted operation in the most severe conditions.

4 Live-loaded Gland Area.

The V Series' gland packing design features a four stud, live-loaded assembly designed for heavy industrial applications. The packing material is high purity Grafoil® surrounded by carbon fiber / inconel anti-extrusion rings. The six Bellville® springs (per stud) provide constant load pressure through extreme thermal shocks and prevent wear leaks in high-cycle service.

5 Blow-out Proof Stem.

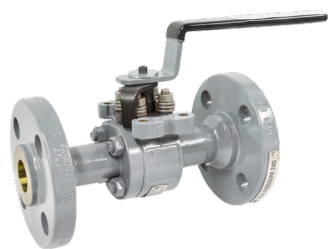
ValvTechnologies' design utilizes a one piece, hard-faced, blow-out proof stem that is inserted through the inside of the body cavity eliminating the possibility of blow-out through the gland area. There are no pins, collars or other devices used to retain the stem in the valve body.



V1-1

Forged, high-pressure valves.
Four-year, zero-leakage guarantee*

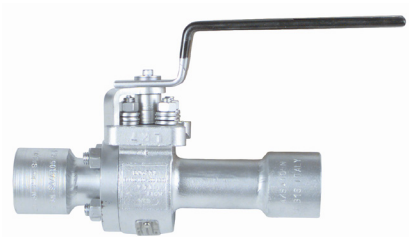
- 1/4 - 4"
- ANSI/ASME 900 - 4500



V1-2

Flanged, low-pressure valves

- 1/2 - 36"
- ANSI/ASME 150 - 600



V1-3

Small bore, low and intermediate pressure
investment cast valves

Four-year, zero-leakage guarantee*

- 1/2 - 2"
- ANSI/ASME 150 - 600



V1-4

Large bore, high-pressure valves

- 4 - 36"
- ANSI/ASME 900 - 4500

*Four-year warranty in power applications

V Series' Product Line



Worldwide Office Locations

Headquarters & Manufacturing

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