REMINGTON VALVE
Severe Service Ball Valves

VALVE SELECTION GUIDE
Custom designs – Innovative technology

CRITICAL SERVICE
FIELD PROVEN
ENGINEERED SUPPORT SERVICE

 Manufactured in Houston, Texas
WHY CHOOSE REMINGTON VALVE?

REMINGTON VALVE located in Houston, Texas is a leading manufacturer of Severe Service Ball Valves (SSBV) for the most critical applications in the Refining, Chemical, Petrochemical, Power Generation, Oil & Gas, Mining, Aerospace industries. Decades of Severe Service Ball Valve (SSBV) experience is utilized in the innovative engineering, manufacturing, cutting edge technology and field proven designs to help customers like you.

<table>
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<tr>
<th>Why Choose REMINGTON VALVE:</th>
<th>Engineered Solutions for:</th>
<th>Applications:</th>
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<tr>
<td>• Optimized ball valve design and calculations</td>
<td>• Refining</td>
<td>• High Temperature</td>
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<tr>
<td>• 3D Parametric modeling</td>
<td>• Chemical / Petrochemical</td>
<td>• Low Temperature</td>
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<td>• Cutting edge coating technologies</td>
<td>• Power Generation</td>
<td>• High Pressure</td>
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<td>• Automated lapping processes</td>
<td>• Upstream Oil &amp; Gas</td>
<td>• Abrasive</td>
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<td>• Vacuum testing to validate Class VI shut-off</td>
<td>• Mining &amp; Minerals</td>
<td>• Corrosive</td>
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<tr>
<td>• All valves built to ASMEB16.34</td>
<td>• Pulp &amp; Paper</td>
<td>• Erosive</td>
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<tr>
<td>• Field Proven designs for isolation challenges</td>
<td>• Cryogenic</td>
<td>• Lethal</td>
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Features and Benefits

- **Body**: All valves built from forgings – not castings
- **Ball & Seats**: Materials of construction matched for consistent thermal expansion rates
- **Lapping**: Automated lapping process laps both sides of the ball to Class VI
- **Coating**: HVOF and Spray & Fused with cutting edge technology per application
- **Stem**: Surface hardened to eliminate galling
- **Articulating Gland Flange**: Prevents stem binding and galling
- **Spring**: Allows for thermal expansion and provides a constant mechanical force
- **Grafoil Packing**: Premium die-formed with Anti-extrusion rings – Live loaded
- **Open/Closed Indicator**: Scribe line on stem and articulating gland flange
- **Vacuum Testing**: Every ball & seat set is tested to ensure Class VI shut-off prior to installation
- **ASME B16.34**: All valves built to ASME B16.34 requirements

Valve Selection Guide

**J-SERIES**
Applications: Critical Isolation, Lethal Services, Heavy Slurry, Ultra-High Pressure, Catalyst, HPAL, and more.

**R-SERIES**
Applications: In-Line Repairable Valve for Power, Chemical and Petrochemical Applications.

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www.remingtonvalve.com
Engineered Solutions for Critical Severe Service Applications.

S-SERIES
Applications: Vents and Drains - Economizer, Boiler, Turbine, Feedwater, Sootblower, and more.

C-SERIES
Applications: Constant Contact Seat and Double Block and Bleed.

M-SERIES
Applications: Metals & Minerals, Slurry Transport, Autoclave (HPAL), and Pressure Oxidation.

E-SERIES
Applications: Overpressure Protection for Boilers and Isolation for Relief Valves.

T-SERIES
Applications: Trunnion designs.

P-SERIES
Applications: Same configuration with application specific seat materials.

www.remingtonvalve.com
Custom designs for the toughest applications

Engineered Solutions for Critical Severe Service Applications

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