

# REMINGTON VALVE, LLC.



**FLOCONX**<sup>®</sup>  
— USA FLOW CONTROL COMPANY —

**FLOCONX LLC**  
**USA FLOW CONTROL COMPANY**

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FLOW CONTROL, OUR PASSION.™

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METAL SEATED BALL VALVES  
FOR CRITICAL SERVICE APPLICATIONS  
“J” SERIES SEVERE SERVICE VALVE (GSV)





## Metal Seated Ball Valves

**REMINGTON VALVE** manufactures Critical Service Valves for the Mining, Petrochemical, Refining and Chemical Industries.

### “J” Series Severe Service Valve (JSV)

JSV – ½ through 24 inch 150# through 4500# ANSI class.

At Remington Valve we have the engineering and design capabilities to build valves for service in all erosive, corrosive, extreme pressures and temperature applications. We can design and build valves based on customer recommendations or by using our extensive knowledge base.

#### Critical Service Design

**REMINGTON VALVE** Engineers, Designs, Manufactures, Assembles and Test valves for the critical service industry. Remington has a large library of custom designs for the most common applications. We also design valves based on customer needs and specific applications. Each design is based on ASME B16.34 specifications.

#### Difference in Design

Ball and Seat Coating – Remington offers Chrome Carbide, Tungsten Nickel Carbide, Colmonoy Spray and Fuse and specialty coatings for our ball and seat sets. Application is performed by fully automated robotic HVOF spray guns. This provided a consistently dense coated surface.

Lapping makes the difference; automated lapping machines lap the ball to a seat creating a mate lapped pair. With the ability to provide a Class VI shut off.

Our seats are fully protected from the flow in the open position eliminating erosive effects.

The floating ball design uses a Belleville spring to energize the contact between the ball and the seat maintaining a seal in low pressure services. The ball is also pressure energized into the seat by the up and down stream pressure the valve is subject to.

Remington incorporates a dual spring in the presence of solids to eliminate solid particles from entraining themselves in seat pockets. This allows the ball to handle thermal shock and grows accordingly to avoid valve seizure.

#### FULL AUTOMATION FACILITIES

Remington can provide full automation services for all applications. From mining slurries, sodium solutions, hot gas, coal slurries, pump isolation...no job is too big or too small.

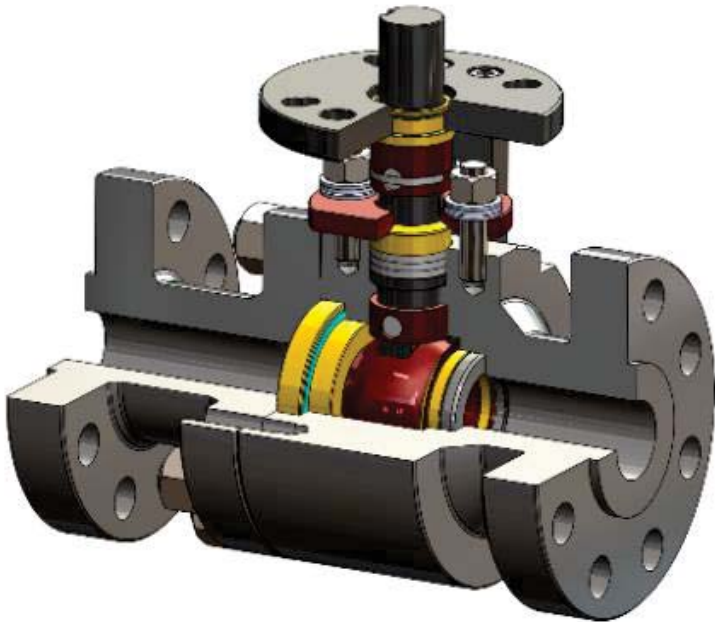
## MADE IN THE USA

### VALVE SOLUTIONS FOR TODAY'S INDUSTRIAL NEEDS

- High temperature applications up to 1450° F
- High pressure applications
- Solids handling
- Corrosive environments
- Erosive applications
- High cycle
- Harsh environments
- Inherently fire safe
- Emergency shutdown valves
- Blow-out proof stem design
- Custom face to face designs
- Studded valves
- Cryogenic valves
- Double block and bleed
- Fugitive emissions
- Silicon sands
- High alloy materials
- Low temp carbon steel
- High temp stainless steels
- Quick turnaround valves
- Service representatives available 24-7

Working together - solving problems.

# “J” SERIES SEVERE SERVICE VALVES



- ISO MOUNTING FLANGE
- ANTI PUSHDOWN STEM
- BLOWOUT PROOF STEM
- UPSTREAM SEAT FOR BI DIRECTIONAL APPLICATIONS
- DUAL SPRINGS FOR SOLIDS HANDLING SERVICES
- MATCHED LAPPED REPLACEABLE BALL AND SEAT SET
- LIVE LOADED PACKING WITH ANTI EXTRUSION RINGS
- SPIRAL WOUND BODY GASKET(S)
- END CONNECTS FLANGED, BW, SW, RTJ, STUDDED
- LOCKABLE HANDLE
- EASILY AUTOMATED
- PRESSURE CLASS 150, 300, 600, 1500, 2500, 3100, 4500
- FULL, REGULAR OR CUSTOMER SPECIFIC Cv BORES
- BODY MATERIAL ALL ASME B16.34 APPROVED MATERIALS INCLUDING HASTELLOY, ALLOY 20, TITANIUM, DUPLEX, MONEL, ETC.
- ARTICULATING GLAND FLANGE
- UNI – DIRECTIONAL OR BI-DIRECTIONAL FLOW
- KEYED STEM SINGLE AND DUAL
- MULTIPLE STEM BEARING
- MULTIPLE COATED SURFACES FOR ANTI GAULING CHARACTERISTICS
- CHROME CARBIDE, TUNGSTEN NICKEL CARBIDE, COLMONOY SPRAY AND FUSE COATINGS AVAILABLE
- CUSTOMER DESIGNS FOR SPECIFIC Cv's



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