

**OVERVIEW**

Series 767 is a bidirectional high pressure slurry valve, designed for demanding high pressure slurry applications. Twin elastomer sleeves and push-through gate design facilitate self-cleaning and prevent media build up. The cast WCB body is offered in a two-piece bolted wafer style. When fully open, the valve bore, offers no resistance to line media.

**APPLICATIONS**

- Mining**
- Pulp & Paper**
- General Industry**
- Power**
- Chemical**
- Cement**

**SPECIFICATIONS**

<b>Size Range</b>	NPS 3 to 36   DN 80 to 900
<b>Temperature Range</b>	Natural Rubber: -60°F to 165°F   -51°C to 74°C EPDM: -65°F to 248°F   -54°C to 120°C
<b>Pressure Rating</b>	<b>SS 316 Gate</b> NPS 3-10 300psi   DN 80-250 20 bar <b>Duplex 2205 Gate</b> NPS 3-8 740psi   DN 80-200 51 bar NPS 10-36 450psi   DN 250-900 30 bar <b>17-4PH Gate</b> NPS 3-36 740psi   DN 80-900 51 bar
<b>Body Style</b>	Two-Piece Bolted Flanged

**NOTE:**  
 1 767 valves are elastomer sleeved slurry valves and MSS SP-81 and MSS SP-151 does not apply. The valves are tested for bi-directional, zero leakage across the sleeves.  
 2 Do not operate the valve if media in the line is frozen.

**FEATURES**

- 1 Upper and lower protective stem cover is standard in all models, increasing cycle life in dirty/dusty environments.
- 2 J-ring steel-reinforced, elastomer sleeves provide energized, zero leakage shutoff in both directions. Retaining rings included as standard throughout the entire size range.
- 3 In the open position, the energized sleeves shield all metal components from direct contact with the flowing process media.
- 4 Robust gate available in a wide range of corrosion resistant alloys to suit the application.
- 5 The design provides unobstructed flow path, extending sleeve life and minimizing pressure drop across valve.
- 6 Ample clearance for push-through allows complete gate closure.
- 7 Two-piece bolted wafer body allows for easy maintenance and is drilled and tapped to ASME B16.5 CL300 flange patterns as standard. Other drilling options available upon request.
- 8 Bottom flush plate with tapped ports or drain bucket are available allowing for safe discharge of media and easy flush water connection.



**DESIGN STANDARDS**

<b>Valve Design</b>	Manufacturer Standard
<b>Seat Tightness</b>	Zero Leakage
<b>End Connections</b>	Flanged
<b>Face-to-Face</b>	Per Industry Standard
<b>Flange Drilling</b>	ASME B16.5 CL300

**CERTIFICATIONS & APPROVALS**

<b>Certifications</b>	Canadian CRN PED Category I Module A (Group 2 liquids)
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**MATERIAL OPTIONS**

<b>Body</b>	Carbon Steel (WCB)
	CF3M Stainless Steel
	SAF 2507 Duplex
	SAF 2205 Duplex
<b>Gate</b>	304, 316, 317 Stainless Steel
	SAF 2507 Duplex
	SAF 2205 Duplex
	17-4PH Stainless Steel
	Hastelloy® C Monel®
<b>Sleeve</b>	Natural Rubber
	EPDM
<b>Stem</b>	304
<b>Secondary Seal</b>	EPDM

**DRAIN CONTAINMENT OPTIONS**



Drain Plate



Drain Pan



Drain Bucket