

Globe Control Valves

The S&S D are single port, screwed-in metal-seated valves with unbalanced post-guided valve plugs, and push-down-to-close plug action used for high pressure applications. These valves are used in the oil and gas industry, and are especially useful for throttling or on/off control of liquids or gases, providing excellent pressure and flow control of gases and various liquid processes.

The S&S D valve is available in 25.4 mm (1") and 50.8 mm (2") sizes, with cast integral flanges, welded flanges, screwed, flat face or socket weld connections.

The valve plug and seat ring can be fitted with tungsten carbide inserts or stellite overlay.

FEATURES

- Available in in-line or angle design
- Equal percentage flow characteristic is standard
- High pressure capability
- Available in a variety of body and trim materials, the S&S D is suitable for a variety of liquid and gas applications
- Optional trim materials are available for erosive applications
- Sour service capability: Optional NACE MR0175/ISO 15156-2009
- Tight shutoff



S&S D Globe Valve

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SPECIFICATIONS

Sizes: 25.4 mm (1") and 50.8 (2")

End Connections:

- ASME Class 150 through 2500
- S&S D are available with cast integral flanges, welded flanges, screwed or socket weld connections

Body Materials:

- LCC
- WCB
- WCC
- CF8M SST
- Additional materials may be available upon request

Trim Materials:

- 316 Stainless steel
- Tungsten Carbide
- Stellite Overlay

Seats: Metal

Shutoff: Class IV and V

Maximum Inlet Pressures and Temperatures: The Maximum Inlet Pressure and Temperature is consistent with ASME Class per ASME 16.34

Maximum Pressure Drops: Capable of full rated pressure drops

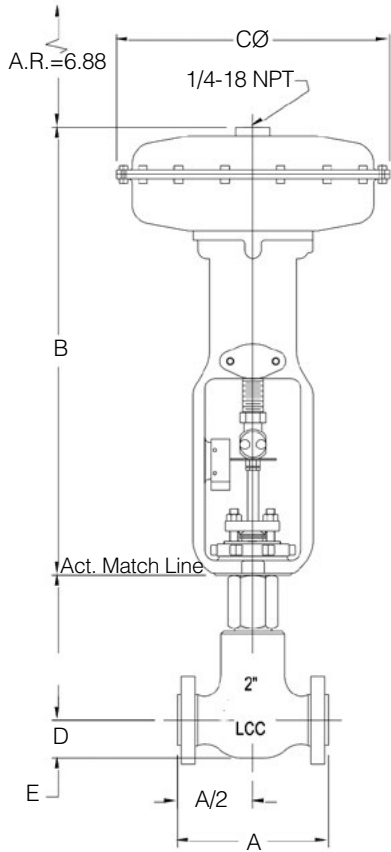
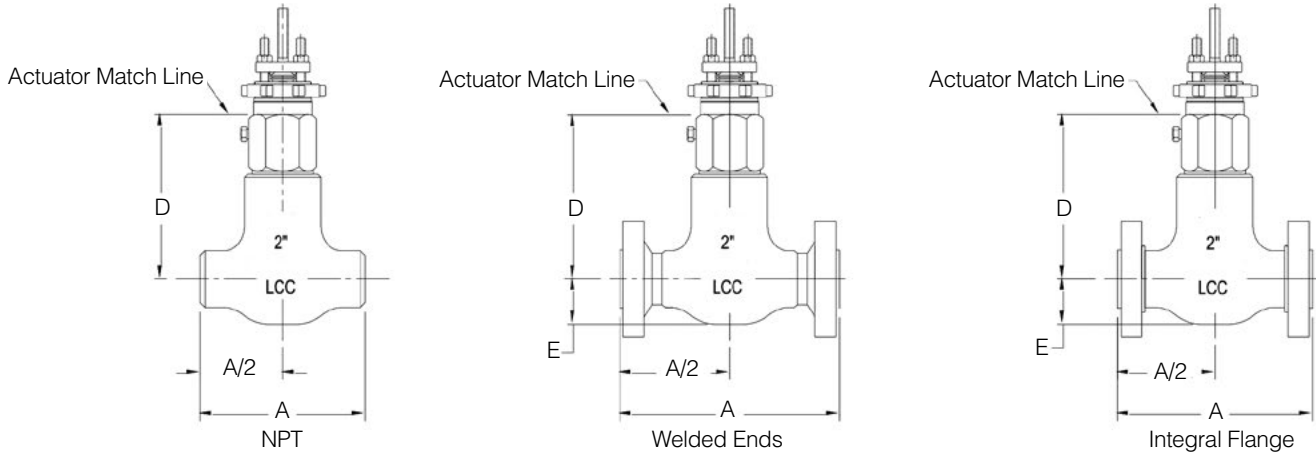
Flow Characteristics: Equal Percentage

Flow Direction:

- S&S D: Flow up through Seat Ring

Valve Travel Indication: Valves are Supplied with Visual Travel Indicator

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Actuator Dimensions	657		667		
	B	C	B	C	
Size	30	17.31	11.38	18.81	11.38
	34	19.62	13.13	22.56	13.13
	40	21.56	13.13	23.38	13.13
	45	25.94	16.00	30.25	16.00
	46	25.81	18.63	29.44	18.63
	50	28.44	16.00	30.88	18.63
	60	28.44	18.63	30.88	18.63
	70	33.06	21.12	36.75	21.12

Face to Face Valve Dimensions							
Flanged Dimensions "A"	Valve Size	Flange Style	3600 body				6000 Body
			150 ANSI	300 ANSI	600 ANSI	900/1500 ANSI	2500 ANSI
Welded Flange	1"	RF	9.00	9.75	10.25	11.38	13.25
		RTJ	---	---	10.25	11.38	13.25
	2"	RF	12.00	12.63	13.38	15.00	17.50
		RTJ	---	---	13.50	15.13	17.63
Integral Flange	2"	RF	10.50	10.50	11.25	12.12	15.38
		RTJ	---	---	---	12.25	15.50
Screwed Body			"A"	"E"	Dimension "D"		
3600 Class	1"	NPT	6.63	1.81	3/8" Stem	7.50	
	2"		9.00	2.75	1/2 Stem	8.50	
6000 Class	1"	NPT	7.25	2.13	3/8" Stem	7.50	
	2"		10.50	3.25	1/2 Stem	8.50	

S&S D Dimensional Drawings

Note: All dimensions are in inches