

# FORGED GATE & GLOBE VALVE

## PRODUCT RANGE

**Size** 15 mm - 50 mm  
**Material** A105 / SS304 / SS316  
**End Connection** Screwed / Socket Weld (800#)  
 Flange 150# / 600# (weld on)

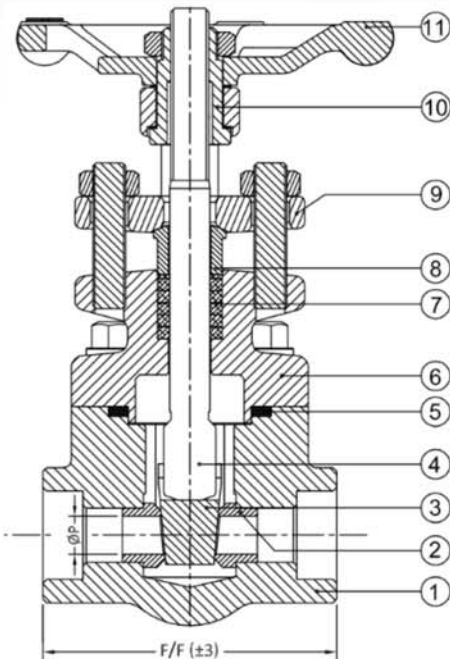
## APPLICABLE STANDARDS

**Design Std.** API 602 (Gate) / ISO 15761 (Globe)  
**Screwed End** ASME B1.20.1  
**Socket Weld** ASME B 16.11  
**Butt Weld End** ASME B16.25  
**Flange End** ASME B16.5, RF  
**Face to Face** Mfg Std / ASME B16.10 (Flange)  
**Testing Standard** API 598  
**Pressure / Temp** ASME B16.34

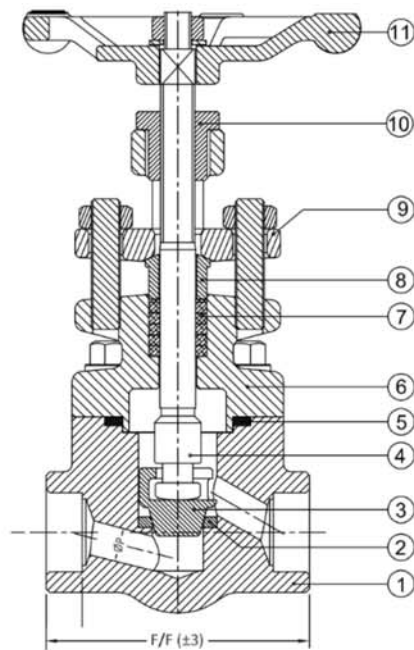
## DESIGN FEATURES

- 'OS' & 'Y' Type Design
- Bolted Bonnet
- Pressure Seal Bonnet
- Screwed / SW / BW End
- Flange End
- Pressure Rating 150# - 2500#

## Forged Gate Valve



## Forged Globe Valve



P. NO.	MOC OF GATE & GLOBE VALVE	
1	Body	A105 / F304 / F316
2	Seat Ring	SS410 / SS304 / SS316 / Integral
3	Wedge / Disc	SS410-CA15 / CF8 / CF8M / Integral
4	Stem	SS410 / SS304 / SS316
5	Gasket	SPW SS304 + GRAPHOIL
6	Bonnet	A105 / F304 / F316
7	Gland Packing	Graphite Ring
8	Gland Bush	SS410 / SS304 / SS316
9	Gland Flange	A105 / F304 / F316
10	Yoke Sleeve	BS 970 EN1A
11	Handwheel	MI / SG Iron

SIZE MM	F - F MM	P		H (CLOSE)	
		GATE	GLOBE	GATE	GLOBE
15	87	9.5	9	130	147
20	92	12.7	12	133	149
25	106	17.5	17	155	182
40	127	28.6	25	200	208
50	142	36.5	29	235	245

TEST PRESSURE			
	Body	Seat	Pneumatic
-			
150#	32 kg./cm <sup>2</sup>	23 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>
300#	79 kg./cm <sup>2</sup>	58 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>
600#	156 kg./cm <sup>2</sup>	115 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>
800#	211 kg./cm <sup>2</sup>	153 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>