

# Class 800 Forged Stainless Steel Globe Valve **4E**<sup>®</sup>

**FIG.# 4E-28F1610S/T/ST**

Class 800, Bolted Bonnet, ASTM A182/ F316L  
 316L Body, Disc, Stem and Bonnet  
 Available in Socket Weld, Threaded and SW x Thrd connections

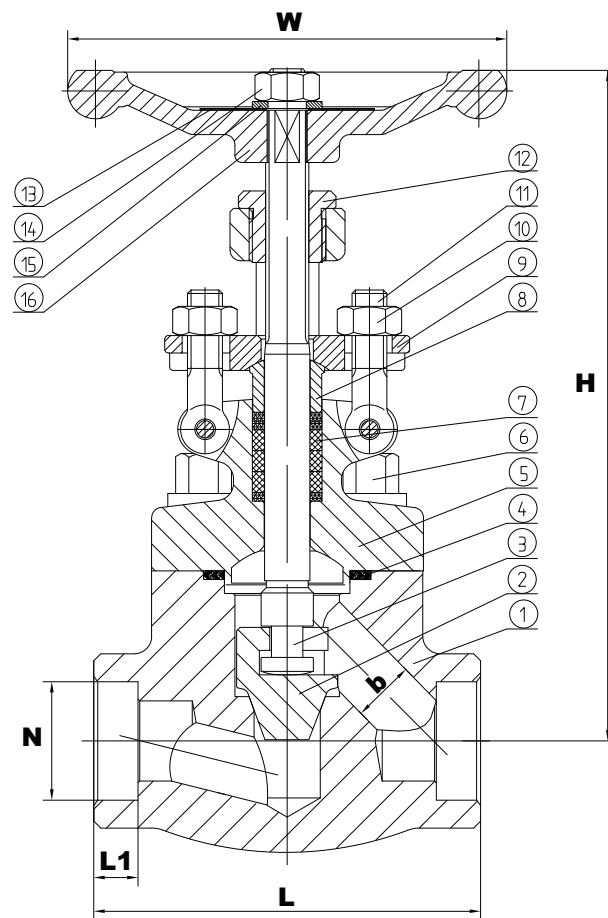
CLASS		800	
Test	Shell	21.4	MPa
	Seat	15.4	
	Backseat	15.4	
	Air	0.6	
Temperature: - 29°C (- 20°F) ~ 300°C (572°F)			
Medium: Water, Oil & Gas			

**STANDARDS COMPLIANCE:**

Design and Manufacture	API 602
Face to Face Dimensions	MFG'S
End Connection	Socket Weld Ends to ASME B16.11 Screwed Ends (NPT) to ASME B1.20.1 Butt Welding Edns to ASME B16.25
Pressure- Temperature	ANSI B16.34
Test & Inspect	API 598

**MATERIAL LIST**

No.	Part Name	Material
1.	Body	ASTM A182 F316L
2.	Disc	ASTM A182 F316L
3.	Stem	ASTM A182 F316L
4.	Gasket	SS+Graphite
5.	Bonnet	ASTM A182 F316L
6.	Hex. Bolt	A193 B8M
7.	Packing	Flexible Graphite
8.	Gland	ASTM A182 F316
9.	Gland Flange	ASTM A182 F316
10.	Gland Nut	A194 8M
11.	Gland Eyebolt	A193 B8M
12.	Yoke Nut	ASTM A276 410
13.	Nameplate	AL
14.	Bolt	CS
15.	Washer	Stainless Steel
16.	Handwheel	A197



**DIMENSIONS & WEIGHT**

SIZE	unit	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
L	inch	3.11	3.62	4.37	4.72	5.98	6.77
	mm	79	92	111	120	152	172
L1 (SW)	inch	0.39	0.51	0.51	0.51	0.51	0.63
	mm	10	13	13	13	13	16
NPT	inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	mm	12.7	19.1	25.4	31.8	38.1	50.8
N (SW)	inch	0.86	1.07	1.33	1.68	1.92	2.41
	mm	21.8	27.2	33.9	42.7	48.8	61.2
H	inch	6.69	6.77	8.15	8.98	10.63	12.60
	mm	170	172	207	228	270	320
W	inch	3.78	3.78	4.72	6.14	6.14	9.84
	mm	96	96	120	156	156	250
Weight	LBS.	4.85	5.29	9.04	12.13	19.84	30.86
	Kgs.	2.2	2.4	4.1	5.5	9	14

**NOTE:**

1. Due to the continuous development of our products, specifications subject to change without notice.
2. In Dimension & Weight (SW) figures are for Socket Weld Valves only.