



Class 800 Forged Steel Gate Valve

FIG.# 4E-18FG08S/T/ST

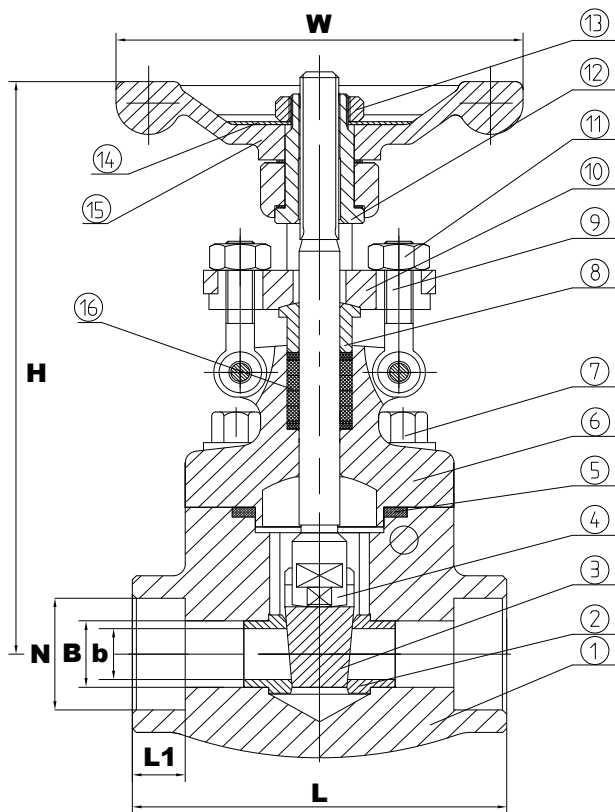
Class 800 to 2500, OS & Y, Bolted Bonnet
Available in Socket Weld, Threaded and SW x Thrd connections

CLASS		800	
Test	Shell	21.4	MPa
	Seat	15.4	
	Backseat	15.4	
	Air	0.6	
Temperature: - 29°C (- 20°F) ~ 425°C (797°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 A105N
2.	Seat Ring	ASTM A182 F6a+STL8#
3.	Wedge	ASTM A182 F6a
4.	Stem	ASTM A182 F6a
5.	Gasket	SS+Graphite
6.	Bonnet	ASTM A105N
7.	Hex. Bolt	ASTM A193 B7
8.	Gland	ASTM A182 F6a
9.	Gland Eyebolt	ASTM A193 B7
10.	Gland Flange	ASTM A105
11.	Gland Nut	ASTM A194 2H
12.	Yoke Nut	ASTM 1035
13.	H.W. Nut	ASTM A194 2H
14.	Nameplate	SS304
15.	Handwheel	A 197
16.	Packing	Flexible Graphite



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	4.72	5.51
	mm	79	92	111	120	120	140
L1 (SW)	inch	0.39	0.51	0.51	0.51	0.51	0.63
	mm	10	13	13	13	13	16
b	inch	0.41	0.53	0.71	0.91	1.14	1.42
	mm	10.3	13.5	18	23	29	36
B	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
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	0.41	0.53	0.71	0.91	1.14	1.42
	mm	10.3	13.5	18	23	29	36
H	inch	6.50	6.65	8.15	9.06	9.80	11.14
	mm	165	169	207	230	249	283
W	inch	3.78	3.78	4.72	6.14	6.14	7.01
	mm	96	96	120	156	156	178
Weight	LBS.	4.85	5.29	9.04	12.13	17.64	22.05
	Kgs.	2.2	2.4	4.1	5.5	8	10



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.