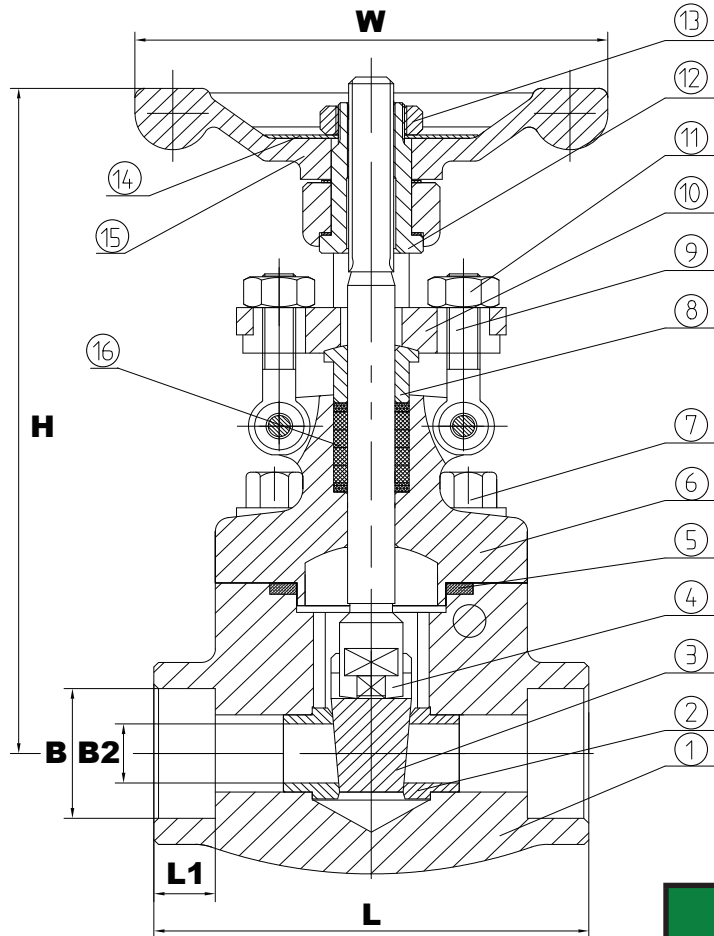




Class 800 Forged Steel Gate Valve

FIG.# 4E-18FGO8S

OS & Y, Bolted Bonnet, Socket Weld
Temperature -84°F to 797°F



STANDARDS COMPLIANCE:

Basic Design	API 602, ASME B16.34
Test Standard	API 598
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

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	inch	0.39	0.51	0.51	0.51	0.51	0.63
	mm	10	13	13	13	13	16
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
B2	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

Weights are approximate and construction is subject to change without notice.