

Fig. G800 Gate Valve

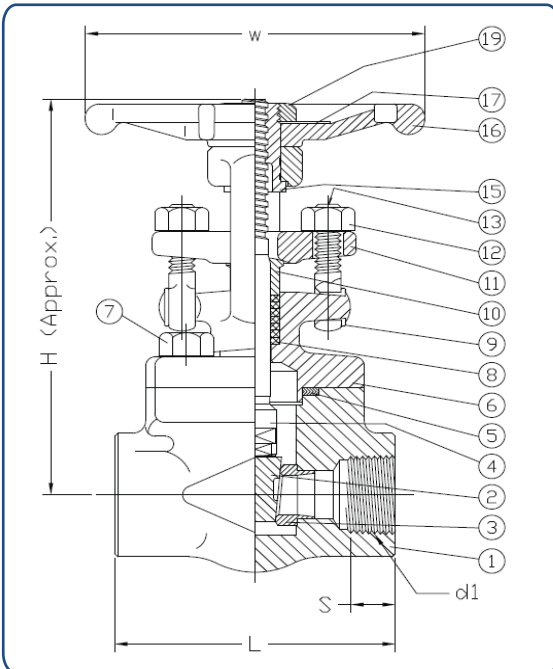


DESIGN FEATURES

- Graphoil packing.
- Bolted Bonnet
- Outside Screw and Yoke, Rising Stem Design.
- Stellite 6 face Stainless Steel Seat Ring and Wedge.
- Spiral Wound Gasket Fully Enclosed.

DESIGN STANDARDS

- Valve Design: API 602, ASME B16.34
- End to End: As per manufacturer Standards
- Screwed Ends: ASME B1.20.1
- Socket Weld Ends: ASME B16.11
- Wall Thickness: ASME B16.31
- Inspection & Testing: API 598, API 602



MATERIAL LIST

NO.	Parts	Material	A.S.T.M
1	Body	Forged Steel	A182-F316L
2	Wedge	Stainless Steel c/w Hardface	A351-CF8M
3	Seat Ring	Stainless Steel c/w Hardface	A276-316
4	Stem	Stainless Steel	A276-316
5	Gasket	316 Spiral Wound Graphite	
6	Bonnet	Forged Steel	A182-F316L
7	Bonnet Bolt	Alloy Steel	A193-B8
8	Gland Packing	Graphoil	
10	Gland	Stainless Steel	A276-316
11	Gland Flange	Forged Steel	A182-F304
12	Gland Nut	Stainless Steel	A276-304
13	Eye Bolt	Stainless Steel	A276-304
14	Yoke Sleeve	13Cr Stainless Steel	A276-410
15	Handwheel	Malleable Iron	A47
16	Name Plate	Aluminum	
17	Handwheel Nut	Carbon Steel	A563A

DIMENSIONS

Size	H Open Position	L	W	Port Dia.	End Connection		Weight (kg)
					S	d1	
DN 8 (1/4")	145	76	102	6.4	10.2	1/4 NPT	1.7
DN 10 (1)	145	76	102	9.5	10.4	3/8 NPT	1.5
DN 15 (1/2")	145	76	102	9.5	13.6	1/2 NPT	1.5
DN 20 (3/4")	151	86	102	12.7	13.9	3/4 NPT	2.0
DN 25 (1")	190	102	114	18.0	17.4	1 NPT	2.8
DN 32 (1 1/4")	241	117	140	31.0	18.0	1 1/4 NPT	5.2
DN 40 (1 1/2")	241	117	140	31.0	18.4	1 1/2 NPT	5.1
DN 50 (2")	271	133	165	37.0	19.2	2 NPT	8.2

All dimensions in mm