



BONNEY FORGE

**Forged Steel
Bellows Seal Gate Valve
Class 800
Conventional Port
Threaded or Socket weld ends
Welded Bonnet, HF/HF trim**

Design: ANSI B16.34, API 602, MSS SP-117
Testing: API 598
Meets MSS SP-25 Specifications
Threaded ends to: ASME B1.20.1
Socket weld ends to: ASME B16.11
Butt weld ends to: ASME B16.25
Body Bonnet Weld to: ASME IX
Hydroformed Bellows

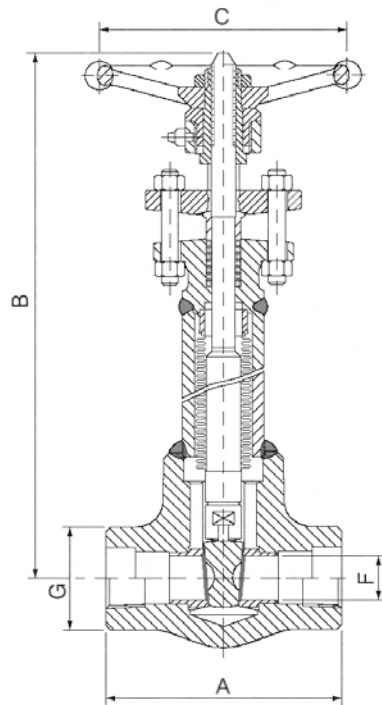


Fig. T8GAFBS

Materials:

No.	Part Name	Specification
1	Handwheel nut	Carbon Steel
2	Handwheel	Carbon Steel
3	Yoke Sleeve	AISI 416
4	Name Plate	Aluminum
5	Gland Nuts	ASTM A194 2H
6	Gland Flange	ASTM A105
7	Packing Gland	AISI 316
8	Bonnet	ASTM A105N
9	Gland Studs	ASTM A193 B6
10	B/B Bolts	ASTM A193 B7
11	Packing	Graphite
12	Stem	ASTM A479 410
13	B/B Gasket	F316L + Graphite
14	Wedge	ASTM A182 F6a/HF
15	Seat Rings	ASTM A479 410 HF
16	Body	ASTM A105N
17	Bonnet Extension	ASTM A105N
18	Bellows	
19	Grease Fitting	Steel

Rating:

Carbon Steel Class 800 - 1975 psig @ 100°F

Note:

The above figure number (T8GAFBS) designates a threaded valve. If a socket weld end is required, change the "T" to an "S" (S8GAFBS).

Dimensions:

Size		A		B (open)		C		F		G		Weight	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
½"	15	3.15	80	9.05	230	3.46	88	.38	9.6	1.26	32	4.5	2.1
¾"	20	3.54	90	9.64	245	3.46	88	.55	14	1.5	38	5.25	2.4
1"	25	4.33	110	11.22	285	3.82	97	.71	18	1.89	48	8.5	3.9
1½"	40	5	127	14.96	380	5.43	138	1.18	30	2.52	64	19	8.6
2"	50	5	127	16.42	417	5.43	138	1.44	36.6	3.07	78	24.25	11