

## GLOBE VALVE

*Forged steel (Class800)  
(butt weld ,socket weld)*

Model : GF-800



### Materials

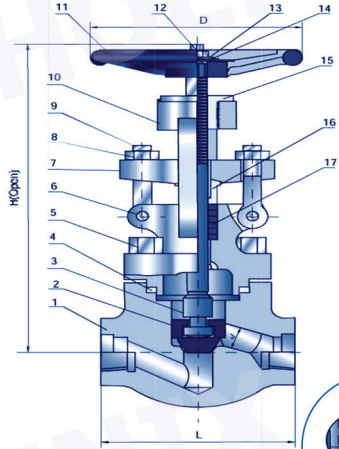
NO.	Partname	Material
1	Body	ASTM A105/Stellite Overly
2	Disc	ASTM A276 420
3	Stem	ASTM A276 410
4	Gasket	304SS Spiral Wound W/Graphite
5	Bolt	ASTM A193 Gr.B7
6	Eye Pin	ASTM A276 410
7	Gland Flange	ASTM A105
8	Eyebolt Nut	ASTM A194 Gr.2H
9	Eyebolt	ASTM A276 410
10	Bonnet	ASTM A105N
11	Handwheel	Malleable Iron
12	H.W.Lock Nut	ASTM A108 1020
13	Washer	ASTM A276 420
14	Nameplate	Aluminum
15	Stem Nut	Aluminum Bronze
16	Gland	ASTM A276 410
17	Packing	Graphite

### Construction Features

- Bolted bonnet or welded bonnet OS&Y
- Threaded ends or socket welding ends
- Rising stem
- Integral HF seat

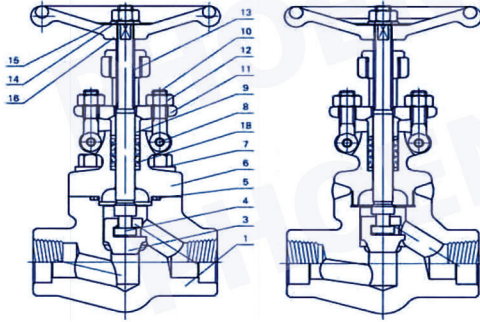
### Standards

- Threaded ends : ASME B1.20.1
- Socket welding ends : ASME B16.11
- Basic design : API602, BS5352
- Inspection and test : API598



### Dimension

Size	DIM (MM)				Wt (Kg)	
CONV.	d	L	H	D	BB	WB
1/2	9.0	79	166	100	1.9	1.7
3/4	12.0	92	171	100	2.1	1.9
1	17.5	111	207	125	3.5	3.3
1 1/4	22.5	120	240	160	6.0	5.2
1 1/2	29.5	152	258	160	7.5	6.8
2	35.0	172	330	160	11.4	10.6



### Application standards

- Design and manufacture conform to BS5352 MSS SP-118
- Connection ends conform to :
  - Socket welded ends conform to ANSI B16.11 ; JB/T7306
  - Screw ends conform to ANSI B1.20.1;JB/T7306
  - Butt-welded ends conform to ANSI B16.25;JB/T12224
  - Flanged ends conform to ANSI B16.5;JB79
- Test and inspection conform to : API 598; GB/T13927; JB/T9092
- Structure feature :  
Bolted bonnet, outside screw and yoke  
Welded bonnet, outside screw and yoke
- Materials conform to ANSI/ASTM.
- Main materials :  
A105; 304(L); 316(L)

### Carbon steel temperature-pressure rate

**CL150 - 285 PSI @ 100 °F**

**CL800 - 740 PSI @ 100 °F**

**CL600 - 1480 PSI @ 100 °F**

**CL800 - 1975 PSI @ 100 °F**

**CL1500 - 3705 PSI @ 100 °F**

### Materials

NO.	Partname	Material		
		A105/F6a	F304/304(L)	F316/316(L)
1	Body	A105	F304(L)	F316(L)
3	Disc	F6a	F304(L)	F316(L)
4	Stem	410	304(L)	316(L)
5	Gasket	304 + Flexible graphite	304 + Flexible graphite	316 + Flexible graphite
6	Bonnet	A105	F304(L)	F316(L)
7	Bolt	B7	B8(M)	B8(M)
8	Pin	410	304	304
9	Gland	410	304	316
10	Gland eyebolt	B7	B8(M)	B8(M)
11	Gland flange	A105	F304	F304
12	Hex nut	2H	8(M)	8(M)
13	Stem nut	410	410	410
14	Locking nut	35	35	35
15	Nameplate	AL	AL	AL
16	Handwheel	A197	A197	A197
18	Packing	Graphite	Graphite	Graphite