

**Fig No: FGB-800**

**1/2" ~ 2" DN15 ~ DN50**

**Features :**

Forged steel globe valves are available in two bonnet designs. The first design is the Bolted Bonnet, With male-female joint, spiral wound gasket, made in F304L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint, On request a full penetration strength welded joint is available.

**Globe valve Design Construcion and Specifications :**

Globe vales conform to API602, BS5352, and ASME B16.34.

Each are tested according to API598

Marking is per MSS SP-25.

**Construcion is as follows :**

Full Port or Conventional Port

Outside Screw and Yoke

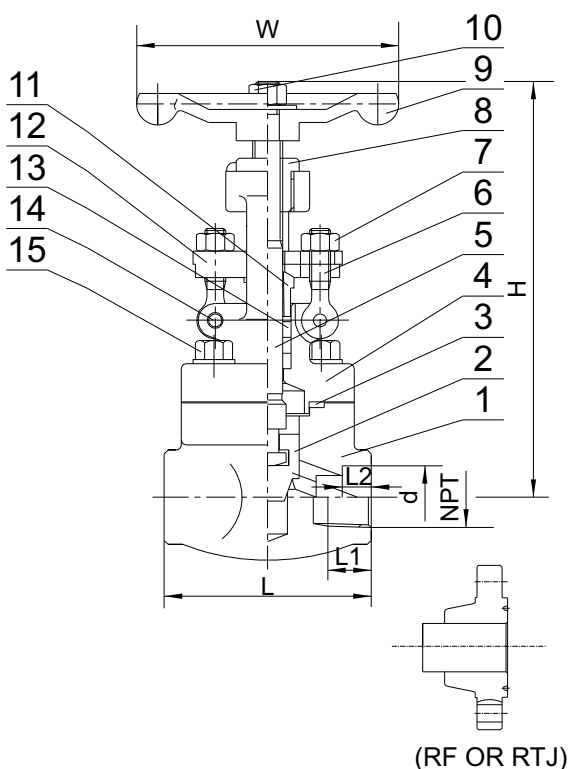
Two piece self aligning packing gland

Bolted bonnet with spiral-wound gasket,

Integral backseat

Socket weld Ends to ASME B16.11

Screwed Ends (NPT) to ANSI/ASME B1.20.1



**DIMENSIONS**

unit:mm

NPS	d	L2	NPT	L1	L	W	H
1/2	21.8	10	1/2	15	76	100	155
3/4	27	13	3/4	18	92	100	165
1	34	13	1	18	106	125	185
1-1/4	42.5	13	1-1/4	19	120	160	220
1-1/2	48.5	13	1-1/2	19	140	160	225
2	61	16	2	25	144	180	260

**MATERIALS LIST**

NO	Name	MATERIAL		
1	BODY(SEAT)	A105	A304(L)	F316(L)
2	DSIC	A182 F6	A304(L)	F316(L)
3	GASKET	F304+GRAPHITE		F316+GRAPHITE
4	BONNET	A105	A304(L)	F316(L)
5	STEM	A182 F6	A304(L)	F316(L)
6	GLAND EYEBOLT	A193 B7	A193 B8	
7	GLAND NUT	A194 2H	A194 8	
8	YOKE NUT	A276 410		
9	HANDWHEEL	60-40-18		
10	H.W.NUT	A194 2H	A194 8	
11	GLAND	A276 410	A304(L)	F316(L)
12	GLAND FLANGE	A105	F304	
13	STEM PACKING	FLEXIBLE GRAPHITE		
14	PIN	F304		
15	BONNET BOLT	A193 B7	A193 B8	

Other Materials Also Available On Requested