

**Fig No: FGT-800**

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

**Features :**

Forged steel gate 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.

**Gate valve Design Construciton and Specifications :**

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

Each are tested according to API598

Marking is per MSS SP-25.

**Construciton is as follows :**

Full Port or Conventional Port

Outside Screw and Yoke

Two piece self aligning packing gland

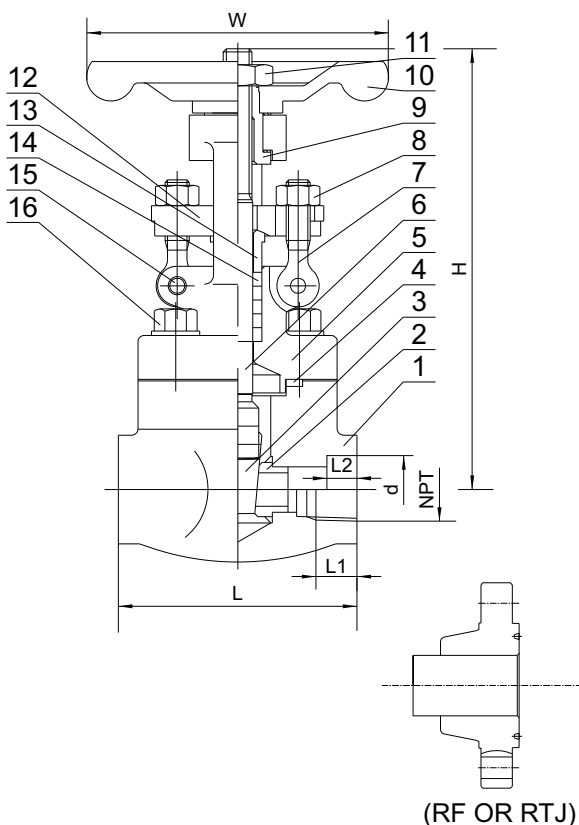
Bolted bonnet with spiral-wound gasket,

Integral backseat

Flange Ends to ASME B16.5

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	145
3/4	27	13	3/4	18	92	100	150
1	34	13	1	18	106	125	175
1-1/4	42.5	13	1-1/4	19	120	160	200
1-1/2	48.5	13	1-1/2	19	114	160	205
2	61	16	2	25	144	160	230

**MATERIALS LIST**

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

Other Materials Also Available On Requested