

**Fig No: FGTF-600 Integral body flanged**  
**1/2"~ 2" DN15 ~ DN50**

**Features :**

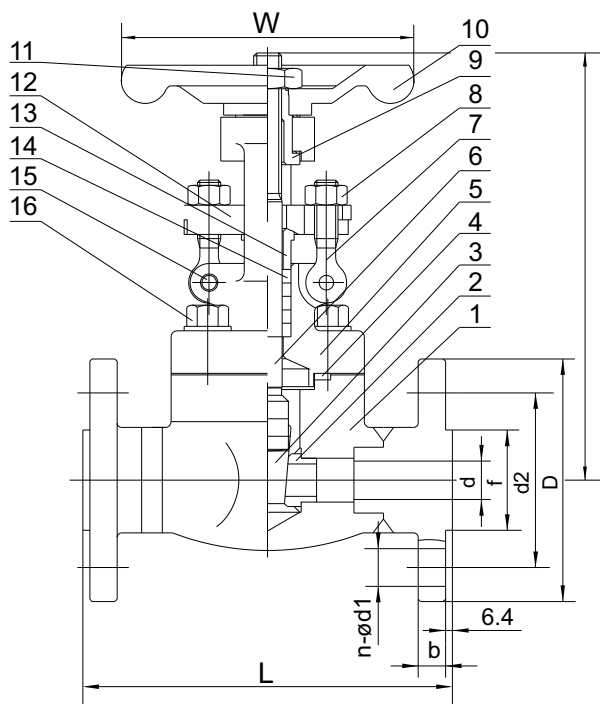
Integral flanged valves are available in bonnet designs. The design is the Bolted Bonnet, With male-female joint, spiral wound gasket, made in F304L/graphite. Ring joint gasket are also available on request. Integral flanged end valves are available in gate, globe, piston check design configuration.

**Integral Flanged End Valve Design Construction and Specifications:**

Integral flanged end valves conform to API602, MSS-SP-118 (as applicable), and ANSI B16.34. BS 5352. Each are tested according to API 598, Marking is per MSS SP-25.

**Construction is as follows :**

- Full Port or Conventional Port
- Face to Face according to ANSI B16.10
- Flanges according to ANSI B16.5
- Outside Screw and Yoke (OS&Y)
- Two piece self-aligning packing gland
- Integral backseat
- Integral flanges
- Bolted bonnet with spiral-wound gasket



**DIMENSIONS**

unit:mm

NPS	d	f	d2	D	b	n-ød1	L	W	H
1/2	13	35	66.5	95	15	4-16	165	100	145
3/4	19	43	82.5	118	16	4-19	190	100	150
1	25	51	89	124	18	4-19	216	125	175
1-1/4	32	64	98.5	133	21	4-19	229	160	200
1-1/2	38	73	114.5	156	23	4-22	241	160	205
2	51	92	127	165	26	8-19	292	160	230

**MATERIALS LIST**

NO	Name	MATERIAL		
1	BODY	A105	F304(L)	F316(L)
2	SEAT RING	A182 F6	F304(L)	F316(L)
3	WEDGE	A182 F6	F304(L)	F316(L)
4	GASKET	F304+GRAPHITE		F316+GRAPHITE
5	BONNET	A105	F304(L)	F316(L)
6	STEM	A182 F6	F304(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.HUT	A194 2H	A194 B8	
12	GLAND	A276 410	F304(L)	F316(L)
13	GLAND FLANGE	A105	F304	F316
14	STEM PACKING	FLEXIBLE GRAPHITE		
15	PIN	F304		
16	BONNET BOLT	A193 B7	A193 B8	

Other Materials Also Available On Requested