

**Fig No: FGBF-300 Intergral 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.

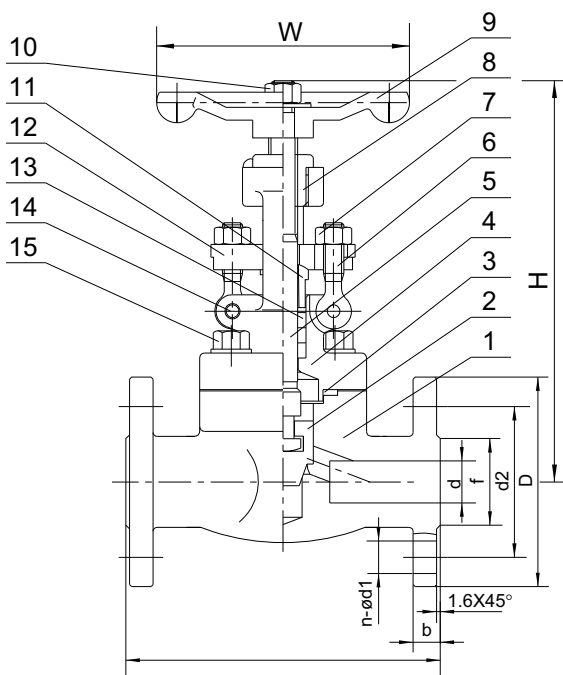
**Integral Flanged End Valve Design Construction and Specifications :**

Integral flanged end vales 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.



**Construciton 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 body 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	140	100	145
3/4	19	43	82.5	117	16	4-19	152	100	150
1	25	51	89.0	124	18	4-19	165	125	175
1-1/4	32	64	98.5	133	19	4-19	178	160	200
1-1/2	38	73	114.5	156	21	4-22	190	160	205
2	51	92	127	165	23	8-19	216	180	230

**MATERIALS LIST**

NO	Name	MATERIAL		
1	BODY	A105	F304(L)	F316(L)
2	DSIC	A105	F304(L)	F316(L)
3	GASKET	F304+GRAPHITE		F316+GRAPHITE
4	BONNET	A105	F304(L)	F316(L)
5	STEM	A182 F6	F304(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 B8	
11	GLAND	A276 410	F304(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