

**Fig No: FGFB-150 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.

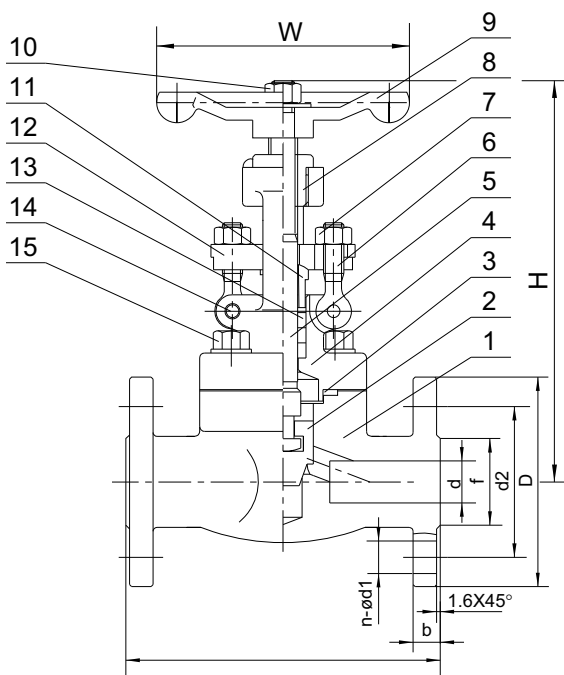
**Integral Flanged End Valve Design Construction and Specifications :**

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 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	60.5	89	12	4-16	108	100	155
3/4	19	43	70	98	13	4-16	117	100	165
1	25	51	79.5	108	14.5	4-16	127	125	185
1-1/4	32	64	89	117	16	4-16	140	160	220
1-1/2	38	73	98.5	127	17.5	4-16	165	160	225
2	51	92	120.5	152	19	4-19	203	180	260

**MATERIALS LIST**

NO	Name	MATERIAL		
1	BODY	A105	F304(L)	F316(L)
2	DSIC	A182 F6	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