

Fig No: FGBF-900/1500
1/2"~ 2" DN15 ~ DN50

Features :

Integral flanged valves are available in three 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. The third design is the pressure seal bonnet, with a threaded and pressure seal joint.

Integral flanged end valves are available in gate, globe, piston check design configuration.

Globe valve Design Construcion 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.

Construcion 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)

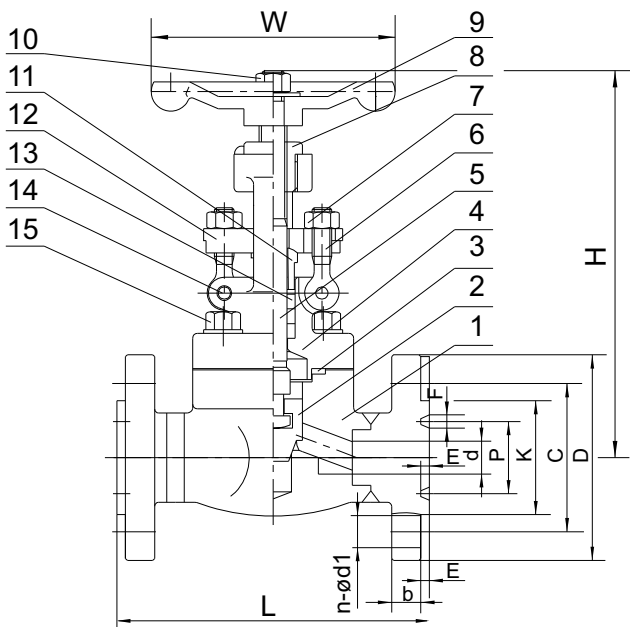
Two piece self-aligning packing gland

Integral backseat

Integral flanges

Bolted bonnet with spiral-wound gasket

Threaded and seal welded bonnet or threaded and pressure seal bonnet



DIMENSIONS

unit:mm

NPS	d	P	K	C	D	n-ød1	b	F	E	W	H
1/2	13	39.67	59.0	82.5	121	4-23	22.5	8.74	6.4	125	195
3/4	17	44.45	65.5	88.9	130	4-23	25.5	8.74	6.4	125	195
1	22	50.8	71.5	101.6	149	4-26	29.0	8.74	6.4	160	218
1-1/4	28	60.32	81.0	111.1	159	4-26	29.0	8.74	6.4	160	240
1-1/2	35	68.28	92.0	123.8	178	4-29	32.0	8.74	6.4	180	275
2	47	95.25	124.0	165.1	216	8-26	38.5	11.91	7.9	200	325

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