Forged Steel Globe Valves, ANSI Class900/1500

Fig No: FGTF-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 streongth 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.

Integral Flanged End Valve Design Construction and Specifications

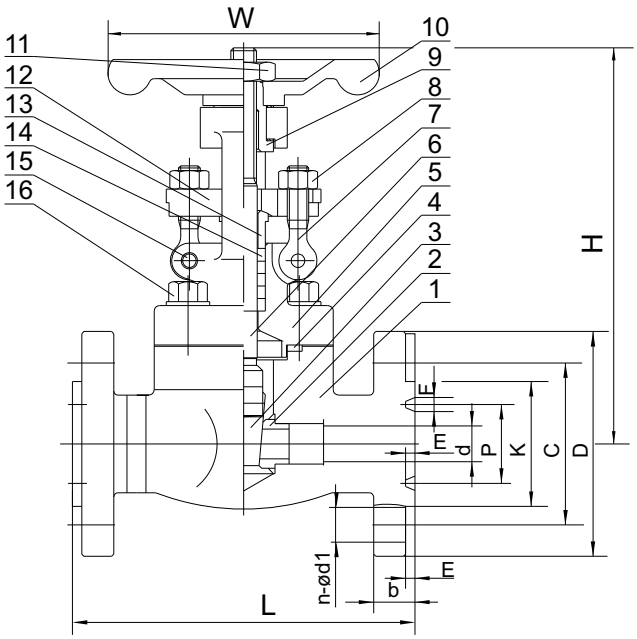
Integral flanged end vales conform to API602,MSS-SP-118 (as applicable),and ANSI B16.34. BS 5352.
Each are tested according to API 598,
Marking is per MSS SP-25.

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 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	L	W	H
1/2	13	39.67	59.0	82.5	121	4-23	22.5	8.74	6.4	216	125	195
3/4	17	44.45	65.5	88.9	130	4-23	25.5	8.74	6.4	229	125	195
1	22	50.8	71.5	101.6	149	4-26	29.0	8.74	6.4	254	160	218
1-1/4	28	60.32	81.0	111.1	159	4-26	29.0	8.74	6.4	279	160	240
1-1/2	35	68.28	92.0	123.8	178	4-29	32.0	8.74	6.4	305	180	275
2	47	95.25	124.0	165.1	216	8-26	38.5	11.91	7.9	371	200	325



MATERIALS LIST

NO	Name	MATERIAL		
1	BODY	A105	F304(L)	F316(L
2	DSIC	A182 F6	F304(L)	F316(L)
3	WEDGE	A105	F304(L)	F304(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.NUT	A194 2H	A194 B8	
12	GLAND	A276 410	F304(L)	F316(L)
13	GLAND FLANGE	A105	F304	F304
14	STEM PACKING	FLEXIBLE GRAPHITE		
15	PIN	F304		
16	BONNET BOLT	A193 B7	A193 B8	

Other Materials Also Available On Requested