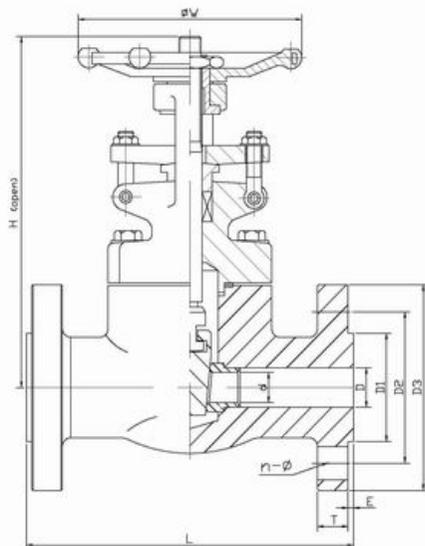


150-1500lbs Integral Flange Gate Valve



Standard:

Design & Manufacture: API 602, BS 5352, ANSI/ASME B16.34

Test & Inspect: API 598

Marking: MSS-SP-25

Face to Face: ANSI/ASME B 16.10

Flanges End: ANSI/ASME B16.5

Butt Welded Ends: ANSI/ASME B16.25

Construction Features:

Full Port

OS&Y

Integral Body Flanges

Self Aligning Packing Gland

Bolted Bonnet With Spiral-wound Gasket,

Threaded and Seal Welded Bonnet or Threaded
and Pressure Seal Bonnet

Integral Backseat

RTJ Body Bonnet Gasket Ring Joint Type

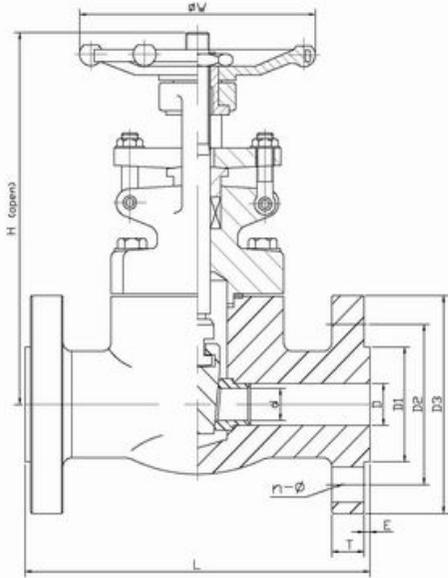
Material List

NO	Part Name	CS to ASTM	AS to ASTM	SS to ASTM		NO	Part Name	CS to ASTM	AS to ASTM	SS to ASTM	
		A105	F22	F304(L)	F316(L)			A105	F22	F304(L)	F316(L)
1	Body	A105	A182 F22	A182F304(L)	A182 F316(L)	11	Gland Flange	A105	A182 F11	A182 F304(L)	A182 F316(L)
2	Seat	A276 420	A276 304	A276 304(L)	A276 316(L)	12	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
3	Wedge	A276 430&410	A182 F304	A182 F304(L)	A182 F316(L)	13	Stem Nut	A276 420			
4	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)	14	Lock Nut	A194 2H	A194 4	A194 8	A194 8M
5	Gasket	316+Graphite		316+PTFE		15	Nameplate	SS			
6	Bonnet	A105	A182 F22	A182 F304(L)	A182 F316(L)	16	Handwheel	A197			
7	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M	17	Bearing Gasket	A473 431			
8	Pin	A276 T410		A276 304		18	Stem Packing	Flexible Graphite		PTFE	
9	Gland	A276 410		A182F304(L)	A182F316(L)	Suitable Medium		W.O.G. etc	W.O.G. etc	HNO3, CH3OOH etc	
10	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M	Suitable Temp.		-29 ~ 425	-29 ~ 550	-29 ~ 180	

Note: Other material are available upon request

CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel

150-1500lbs Integral Flange Gate Valve



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Test & Inspect: API 598

Marking: MSS-SP-25

Face to Face: ANSI/ASME B 16.10

Flanges End: ANSI/ASME B16.5

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Construction Features:

Full Port

OS&Y

Integral Body Flanges

Self Aligning Packing Gland

Bolted Bonnet With Spiral-wound Gasket,

Threaded and Seal Welded Bonnet or Threaded
and Pressure Seal Bonnet

Integral Backseat

RTJ Body Bonnet Gasket Ring Joint Type

Dimensions & Weight

NPS		mm(in)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
L(RF) L1(BW)	150	mm	108	117	127	140	165	178	
	300	mm	140	152	165	178	190	216	
	600	mm	165	190	216	229	241	292	
	900, 1500	mm	216	229	254	279	305	368	
H(Open)	150, 300	mm	158	169	197	236	246	283	
	600	mm	168	197	236	246	283	320	
	900, 1500	mm	197	197	236	246	283	330	
W	150-600	mm	100	100	125	160	160	180	
	900, 1500	mm	125	125	160	160	180	200	
Weight	150	RF	Kg	4.5	5.2	8.2	11.5	12.5	20.3
		BW	Kg	2.5	3.3	5.4	7.1	8.2	12.5
	300	RF	Kg	4.8	6.2	9.3	14.0	15.5	23.4
		BW	Kg	3.5	4.4	6.8	8.1	9.2	15.4
	600	RF	Kg	5.9	7.4	10.4	16.2	17.5	28.3
		BW	Kg	4.5	5.1	8.2	10.5	12.4	20.1
	900, 1500	RF	Kg	7.5	11.5	15.6	16.2	22.6	32.8
		BW	Kg	5.2	9.3	12.4	13.8	18.9	27.5