



Shanghai Tianfa Trading Co., Ltd.

E-mail: sales@tianvalve.com

Address: Road318, Nanxiang Town, Jiading District, Shanghai

FLANGED END GLOBE VALVE

STANDARD MATERIAL SPECIFICATIONS (CLASS 150Lb~800Lb)

NO.	Part Name	CS to ASTM	AS to ASTM	SS to ASTM	
		Type A105	Type F22	Type F304(L)	Type F316(L)
1	Body	A105	A182 F22	A182 F304(L)	A182 F316(L)
2	Gasket	Corrugated SS + graphite		SS + PTFE	
3	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
4	Pin	A276 420		A276 304	
5	Gland	A276 410		A182 F304(L)	A182 F316(L)
6	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
7	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
8	Yoke Nut	A276 410			
9	H.W. Nut	A194 2H	A194 4	A194 8	A194 8M
10	Nameplate	SS			
11	Hand wheel	A197			
12	Gland Flange	A216 WCB		A351 CF8	
13	Stem Packing	Flexible Graphite		PTFE	
14	Bonnet	A105	A276 304	A182 F304(L)	A182 F316(L)
15	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
16	Disc	A276 420	A276 304	A276 304(L)	A273 316(L)
Suitable Medium		W.O.G. etc	W.O.G. etc	HNO ₃ , CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.

DIMENSIONS (MM) AND WEIGHTS (KG)

NPS		1/2	3/4	1	1-1/4	1-1/2	2	
L(RF)L1(BW)	150	108	117	127	140	165	203	
	300	152	178	203	216	229	267	
	600	165	190	216	229	241	292	
H(OPEN)	150~300	166	171	207	240	258	330	
	600	171	207	240	258	330	380	
W		100	100	125	160	160	180	
Weights	150	RF	4.5	6.9	9.8	13.5	19.5	28.0
		BW	2.3	3.6	7.8	8.2	12.0	15.0
	300	RF	4.8	7.7	11.0	16.8	21.2	32.6
		BW	2.8	4.0	8.5	9.2	12.6	16.8
	600	RF	5.6	7.8	12.5	17.0	23.5	38.8
		BW	3.4	4.7	9.2	10.5	13.3	18.9

STANDARD MATERIAL SPECIFICATIONS (CLASS 900LB~1500LB)

NO.	Part Name	CS to ASTM	AS to ASTM	SS to ASTM	
		Type A105	Type F22	Type F304(L)	Type F316(L)
1	Body	A105	A182 F22	A182 F304(L)	A182 F316(L)
2	Gasket	Corrugated SS + graphite		SS + PTFE	
3	Bonnet Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
4	Pin	A276 420		A276 304	
5	Gland	A276 410		A182 F304(L)	A182 F316(L)
6	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
7	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
8	Yoke Nut	A276 410			



Shanghai Tianfa Trading Co., Ltd.

E-mail: sales@tianvalve.com

Address: Road318, Nanxiang Town,
Jiading District, Shanghai

9	H.W. Nut	A194 2H	A194 4	A194 8	A194 8M
10	Nameplate	SS			
11	Hand wheel	A197			
12	Gland Flange	A216 WCB		A351 CF8	
13	Stem Packing	Flexible Graphite		PTFE	
14	Bonnet	A105	A276 304	A182 F304(L)	A182 F316(L)
15	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
16	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
Suitable Medium		W.O.G. etc	W.O.G. etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29℃~425℃	-29℃~550℃	-29℃~180℃	

DIMENSIONS (MM) AND WEIGHTS (KG)

NPS		1/2	3/4	1	3/4	1-1/2	2
L(RTJ)	900~1500	216	229	254	279	305	371
L1(BW)	900~1500	216	229	254	279	305	368
H(OPEN)		207	207	240	258	330	355
W		125	125	160	160	180	200
Weights	RTJ	8.0	13.2	17.4	19.0	24.5	31.0
	BW	5.2	10.0	14.6	15.8	20.5	27.8