



Shanghai Tianfa Trading Co., Ltd.

E-mail: sales@tianvalve.com

Address: Road318, Nanxiang Town,
Jiading District, Shanghai

PRESURE-SEAL GLOBE VALVE

STANDARD MATERIAL SPECIFICATIONS

NO.	Part Name	CS to ASTM	AS to ASTM	SS to ASTM	
		Type A105T	Type A182 F22	Type A182 F304	Type A182 F316(L)
1	Body	A105	A182 F22	A182 F304(L)	A182 F316(L)
2	Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Stem	A182 F6	A182 F304	A182 F304(L)	A182 F316(L)
4	Pressure Seat	A105	A182 F304	A182 F304(L)	A182 F316(L)
5	Pressure Ring	A182 F304 L			A182 F316L
6	Bonnet	A105	A182 F22	A182 F304(L)	A182 F316(L)
7	Pin	A276 420		A182 F304	
8	P.S. Washer	A105	A182 F22	A182 F304(L)	A182 F316(L)
9	P.S. Lock Nut	A194 2H	A194 4	A194 8	A194 8M
10	Stem Packing	Corrugated SS + Graphite		SS+PTFE	
11	Gland	A276 420		A182 F304	
12	Gland Flange	A216 WCB		A351 CF8	
13	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A193 B8M
14	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
15	Yoke Nut	A276 410			
16	Hand wheel	A197			
17	Nameplate	SS			
18	H.W. Nut	A194 2H	A194 4	A194 8	A194 8M
Suitable Medium		W.O.G. etc	W.O.G. etc	HNO3CH3OOH 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	900~1500Lb	140	140	140	178	178	216
	2500Lb	186	183	186	232	232	279
H(OPEN)		333	333	333	408	408	524
W		160	160	180	200	250	280
Weights	900Lb~1500Lb	11.2	10.5	10.1	21.0	19.6	40.4
	2500Lb	12.3	11.6	10.8	28.0	26.4	43.8