



Shanghai Tianfa Trading Co., Ltd.

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PRESSURE-SEAL Y-PATTERN GLOBE VALVE

STANDARD MATERIAL SPECIFICATIONS

NO.	Part Name	CS to ASTM	AS to ASTM	SS to ASTM	
		Type A105	Type A182 F22	Type A182 304(L)	A182 F182 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(L)	A182 F316(L)
4	Pressure Seat	A105	A182 F304	A182 F304(L)	A182 F316(L)
5	Pressure Ring	A182 F304(L)			A182 F316(L)
6	Bonnet	A105	A182 F22	A182 F304(L)	A182 F316(L)
7	P.S. Washer	A105	A182 F22	A182 F304(L)	A182 F316(L)
8	Yoke Nut	A276 410			
9	Retaining Nut	A194 2H	A194 4	A194 8	A194 8M
10	H.W. Lock Nut	A194 2H	A194 4	A194 8	A194 8M
11	Hand wheel	A197			
12	Wafer board	A105	A182 F22	A182 F304(L)	A182 F316(L)
13	Bolt	A193 B7	A193 B16	A193 B8	A1983 B8M
14	Nut	A194 2H	A194 4	A194 8	A194 8M
15	Gland Flange	A216 WCB		A351 CF8	
16	Gland Eyebolt	A193 B7	A193 B16	A193 B8	A1983 B8M
17	Gland Nut	A194 2H	A194 4	A194 8	A194 8M
18	Pin	A276 420		A182 F304	
19	Gland	A276 420		A182 F304	
20	Bearing Ear	A105	A182 F22	A182 F304(L)	A182 F316(L)
21	P.S. Lock Nut	A194 2H	A194 4	A194 8	A194 8M
22	Stem Packing	Flexible graphite		PTFE	
	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	900~1500Lb	140	140	140	178	178	216
	2500Lb	186	186	186	232	232	279
	H(OPEN)	333	333	333	406	406	524
	W	125	125	160	160	180	200
Weights	900~1500Lb	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