



Performance Specification		
No. minal Pressure	150Lb(2.0MPa)	Test Medium
Shell Test	(3.0MPa)	Water
Seal Test	(2.2MPa)	
Back Seal Test	(2.2MPa)	
Air Seal Test	80Lb(0.6MPa)	Air
Suitable Temperature	-29~+425°	
Suitable Media	Water/Steam/Oil	

PTV®
Solutions
Standards:

- 1 Design and manufacture: BS1873
- 2 Face to Face dimension: ASME B16.10
- 3 Flanged End: ASME B16.5 RF
- 4 Pressure temperature ratings: ASME B16.34
- 5 Pressure test: API 598

主要零部件材料 Main Parts and Materials

No.	Parts	Materials (WCB)	Materials (CF8)	Materials (CF8M)
1	Body	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
2	Seat ring	13CR+STL	ASTM A351 CF8	ASTM A351 CF8M
3	Disc	ASTM A105+13Cr	ASTM A351 CF8	ASTM A351 CF8M
4	Split ring	C. S	S. S304	S. S316
5	Disc cover	C. S	S. S304	S. S316
6	Stem	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316
7	Gasket	PTFE	PTFE	PTFE
8	Bonnet	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
9	Stud	ASTM A193-B7	ASTM A193-B8	ASTM A193-B8
10	Nut	ASTM A194-2H	ASTM A194-8	ASTM A194-8
11	Backseat	ASTM A216+13Cr	ASTM A351 CF8	ASTM A351 CF8M

No.	Parts	Materials (WCB)	Materials (CF8)	Materials (CF8M)
12	Packing	PTFE	PTFE	PTFE
13	Gland	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
14	Pin	C. S	S. S304	S. S304
15	Gland bolt	ASTM A193-B7	ASTM A193-B8	ASTM A193-B8
16	Gland nut	ASTM A194-2H	ASTM A194-8	ASTM A194-8
17	Stem nut	ASTM A194-2H	ASTM A194-2H	ASTM A194-2H
18	Screw	C. S	C. S	C. S
19	Handwheel	ASTM A47	ASTM A47	ASTM A47
20	H. W. Lock nut	C. S	C. S	C. S
21	Bushing	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F304

主要外形尺寸和连接尺寸 Main External and Connecting Dimensions

NPS	L	D	D1	D2	b	z-φd	f	Weight(kg)
1/2"	108	φ90	φ60.3	φ34.9	8	4-φ16	2	2.9
3/4"	117	φ100	φ69.9	φ42.9	8.9	4-φ16	2	3.4
1"	127	φ110	φ79.4	φ50.8	9.6	4-φ16	2	5.5
1 1/4"	140	φ115	φ88.9	φ63.5	11.2	4-φ16	2	7
1 1/2"	165	φ125	φ98.4	φ73	12.7	4-φ16	2	8.8
2"	203	φ150	φ120.7	φ92.1	14.3	4-φ19	2	13
2 1/2"	216	φ180	φ139.7	φ104.8	15.9	4-φ19	2	19
3"	241	φ190	φ152.4	φ127	17.5	4-φ19	2	26
4"	292	φ230	φ190.5	φ157.2	22.3	8-φ19	2	43
5"	356	φ255	φ215.9	φ185.7	22.3	8-φ22	2	52
6"	406	φ280	φ241.3	φ215.9	23.9	8-φ22	2	62
8"	495	φ345	φ298.5	φ269.9	27	8-φ22	2	95
10"	622	φ405	φ362	φ323.8	28.6	12-φ25	2	160
12"	698	φ485	φ431.8	φ381	30.2	12-φ25	2	215
14"	787	φ535	φ476.3	φ412.8	33.4	12-φ29	2	300
16"	914	φ595	φ539.8	φ469.9	35	16-φ29	2	500

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标记 处数 更改文件号 签字 日期

图样标记 重量 比例

名称 美标截止阀 ANSI Globe VALVE

单位 mm 画法

参考标准

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