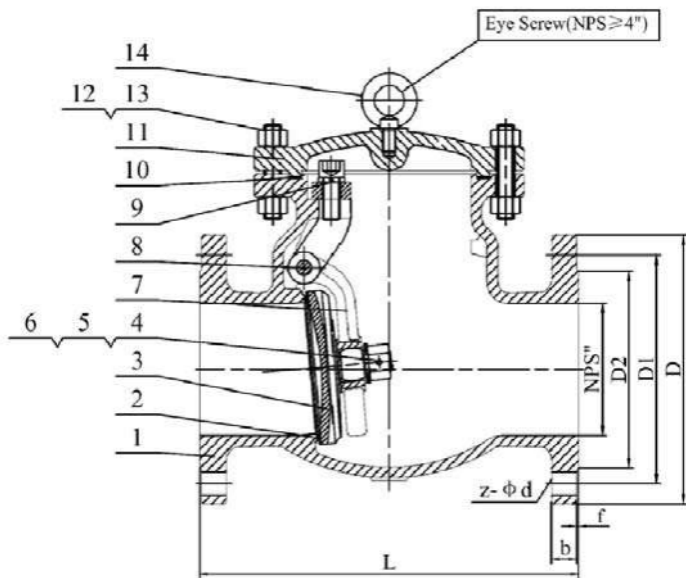


# ANSI Swing Check Valve

## 1/2-24 CL150



### Performance Specification

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

#### Standards:

- 1 Design and manufacture: ASME B16.34
- 2 Face to Face dimension: ASME B16.10
- 3 Flanged End: ASME B16.5 RF
- 4 Pressure temperature ratings: ASTM B16.34
- 5 Pressure test: API 598
- 6 Basic Design: API 6D

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### 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 A216+13Cr	ASTM A351 CF8	ASTM A351 CF8M
4	Pin	SS304	SS304	SS316
5	Nut	ASTM A194-2H	ASTM A194-8	ASTM A194-8M
6	Gasket	SS304	SS304	SS316
7	Hinge	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M

No.	Parts	Materials (WCB)	Materials (CF8)	Materials (CF8M)
8	Hinge Pin	SS304	SS304	SS316
9	Bolt	ASTM A193-B7	ASTM A193-B8	ASTM A193-B8M
10	Gasket	304S. S+Graphite	304S. S+Graphite	304S. S+Graphite
11	Bonnet	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
12	Stud	ASTM A193-B7	ASTM A193-B8	ASTM A193-B8
13	Nut	ASTM A194-2H	ASTM A194-8	ASTM A194-8
14	Eye Screw	C. S	C. S	C. S

### 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	
3/4"	117	φ100	φ69.9	φ42.9	8.9	4-φ16	2	
1"	127	φ110	φ79.4	φ50.8	9.6	4-φ16	2	
1 1/4"	140	φ115	φ88.9	φ63.5	11.2	4-φ16	2	
1 1/2"	165	φ125	φ98.4	φ73	12.7	4-φ16	2	
2"	203	φ150	φ120.7	φ92.1	14.3	4-φ19	2	
2 1/2"	216	φ180	φ139.7	φ104.8	15.9	4-φ19	2	
3"	241	φ190	φ152.4	φ127	17.5	4-φ19	2	
4"	292	φ230	φ190.5	φ157.2	22.3	8-φ19	2	
5"	330	φ255	φ215.9	φ185.7	22.3	8-φ22	2	
6"	356	φ280	φ241.3	φ215.9	23.9	8-φ22	2	
8"	495	φ345	φ298.5	φ269.9	27	8-φ22	2	
10"	622	φ405	φ362	φ323.8	28.6	12-φ25	2	
12"	698	φ485	φ431.8	φ381	30.2	12-φ25	2	
14"	787	φ535	φ476.3	φ412.8	33.4	12-φ29	2	
16"	864	φ595	φ539.8	φ469.9	35	16-φ29	2	
18"	978	φ638	φ577.9	φ533.4	38.1	16-φ32	2	
20"	978	φ700	φ635	φ584.2	41.3	20-φ32	2	
24"	1067	φ815	φ749.3	φ692.2	46.1	20-φ35	2	

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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 美标止回阀 ANSI Swing Check Valve

单位 mm 画法

参考标准

