



# Stainless Steel Tilting Disc Check Valve

**Model #31**  
**150# CWP Design (2" to 24")**

**Precision machined tilting disc and seat for tight shutoff in back flow direction**

**Heavy duty 3-piece design allows the valve to be renewed with a seat and disc change**

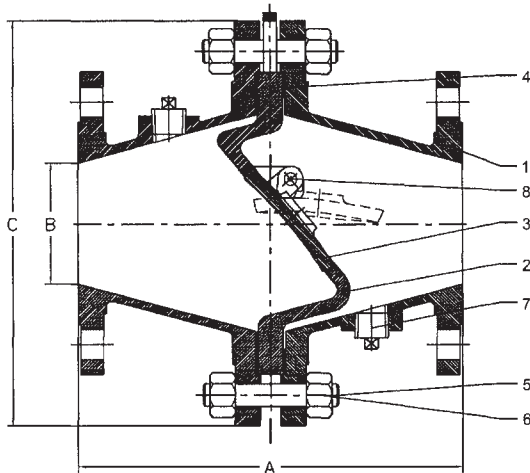
**Offset center pivoted disc aids in quick opening and closing without slamming**

**150 PSI working pressure also operates at low pressure differentials**

**Can be mounted in any position from horizontal to vertical as long as fluid flow is upward**

**Large opening at seat for maximum flow rate**

**Available in a wide range of alloys**



**Designed to ANSI B16.34,  
tested to API 598. Flanges  
to ANSI B16.5**

NO.	PART NAME	A 351-CF8	A 351-CF8M	A 351-CG8M
1	BODY	A 351-CF8	A 351-CF8M	A 351-CG8M
2	SEAT	A 351-CF8	A 351-CF8M	A 351-CG8M
3	DISC	A 351-CF8	A 351-CF8M	A 351-CG8M
4	GASKET	PTFE	PTFE	PTFE
5	STUD	A 193-B8	A 193-B8	A 193-B8M
6	HEX NUT	A 194-8	A 194-8	A 194-8M
7	NPT PLUG	SS 304	SS 316	A 276-317
8	PIN	SS 304	SS 316	A 276-317

SIZE	INCH	2	2½	3	4	6	8	10	12	14	16	18	20	24
	MM	50	65	80	100	150	200	250	300	350	400	450	500	600
A	INCH	8	8.5	9.5	11.5	14.0	18.0	21.75	25.5	28.0	30.0	31.0	32.5	34.0
	MM	203.2	216.0	241.0	292.0	356.0	458.0	552.0	648.0	711.0	762.0	787.0	825.0	864.0
B	INCH	2	2.5	3	4	6	8	10	12	13.25	15.25	17.25	19.25	23.25
	MM	51	64.0	76	102	152	203	254	305	337	387	438	489	591
C	INCH	8.5	9.0	10.0	11.0	13.5	16.0	19.0	21.0	23.5	25.0	27.5	32.0	38.75
	MM	217.0	228.6	254.0	279.0	343.0	406.0	483.0	533.0	597.0	635.0	698.0	813.0	984.0