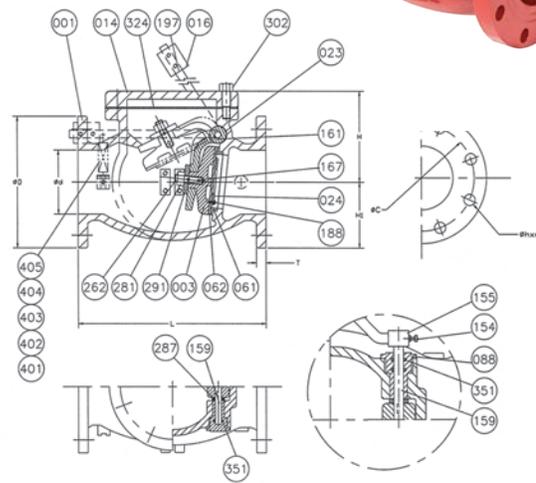


CCNE Model 8001 AWWA Swing Check Valve Outside Lever and Weight or Spring

Model 8001 swing check valves are of self-contained, free-swinging disc style with outside lever and weight or outside lever and spring. Valves conform to all standards set forth in AWWA C508, latest edition. Suitable for use in wastewater, water, sewage, oil and gas applications. Valves are produced with cast iron body, bronze or stainless steel seat rings, Buna-N or EPDM disc inserts, and hinge pins of corrosion resistant stainless steel. Internal and external epoxy coating conforming to AWWA C550 is a standard. Valves are designed for horizontal or vertical installations and for uninterrupted continuous service.



Features/Specs

- Full waterway
- Stainless steel hinge pin
- Flanges conform to ANSI B16.1 Class 125
- Lever and weight may be installed on either side
- Valves may be installed in vertical line with flow up
- Disc seat standard with with Buna-N insert for bubble tight shut off
- Body and disc seat rings are field replaceable
- Meets AWWA C508 standards
- Low zinc bronze or stainless steel seat rings
- ANSI B16.1: Cast iron pipe flanges and flanged fittings Class 125
- AWWA C508: Swing check valves for waterworks service, 2" through 24"
- 8 mils NSF 61 epoxy in and out

Sizes: 2" - 72"

Styles: Bronze to Bronze, Bronze to Buna-N, Stainless Steel to Buna-N

Uses: Water, Sludge, Sewer Service

Test Pressures:	Size	Seat*	Shell
	2" - 12"	200psi	400psi
	14" - 72"	150psi	300psi

*rated working pressure

Size Od	ANSI B16.1 CL.125								
	Inches	L	OD	OC	OH	n	T	H	H1
2	8	6	4-3/4	3/4	4	5/8	4-15/16	3	
2-1/2	8-1/2	7	5-1/2	3/4	4	11/16	5-11/16	3-1/2	
3	9-1/2	7-1/2	6	3/4	4	3/4	6-1/16	3-3/4	
4	11-1/2	9	7-1/2	3/4	8	15/16	6-7/8	4-1/2	
6	14	11	9-1/2	7/8	8	1	8-1/2	5-1/2	
8	19-1/2	13-1/2	11-3/4	7/8	8	1-1/8	9-15/16	6-3/4	
10	24-1/2	16	14-1/4	1	12	1-3/16	11-3/16	8	
12	27-1/2	19	17	1	12	1-1/4	13-9/16	9-1/2	
14	31	21	18-3/4	1-1/8	12	1-3/8	19-5/16	12-1/16	
16	36	23-1/2	21-1/4	1-1/8	16	1-7/16	21-1/2	13-1/4	
18	40	25	22-3/4	1-1/4	16	1-9/16	25-1/8	12-1/2	
20	40	27-1/2	25	1-1/4	20	1-11/16	27	13-3/4	
24	48	32	29-1/2	1-3/8	20	1-7/8	31-5/8	16	
30	52-1/2	38-3/4	36	1-3/8	28	2-1/8	36-3/8	19-3/8	
36	60-1/2	46	42-3/4	1-5/8	32	2-3/8	40	23	

Dimensions for larger sizes available upon request.

NO.	Parts	Material	ASTM Designation
405	SPRING	STAINLESS STEEL	A276 GRADE 304
404	BOLT	STAINLESS STEEL	A276 GRADE 304
403	STRAIGHT BOLT	STAINLESS STEEL	A276 GRADE 304
402	BRACKET	STAINLESS STEEL*	A276 GRADE 304
401	NUT	STAINLESS STEEL	A276 GRADE 304
351	O-RING	RUBBER (BUNA N)	D2000 BK 707
324	COVER GASKET	RUBBER (BUNA N)	D2000 BK 807
302	COVER BOLT	ZINC COATED STEEL	A307 GRADE B
291	WASHER	BRASS	B21
287	SPACER	BRASS	B21
281	DISC NUT	BRASS	B21
262	DISC STUD	BRASS	B21
197	WEIGHT BOLT	ZINC COATED STEEL	A307 GRADE B
188	DISC SEAT BOLT	STAINLESS STEEL	A276 GRADE 304
167	ROLL PIN	STAINLESS STEEL	A276 GRADE 304
161	KEY	STAINLESS STEEL	A276 GRADE 304
159	HINGE PIN	STAINLESS STEEL	A276 GRADE 304
155	WEIGHT ARM	DUCTILE IRON	A536 GRADE 65-45-12
154	BOLT W/NUT	ZINC COATED STEEL	A307 GRADE B
088	SEAT NUT	BRASS	B21
062	DISC SEAT RING	RUBBER (BUNA N)	D2000 BK 807
061	BODY SEAT RING	BRONZE	B62
024	SEAT HOLDER	2"-6" CAST IRON	A126 CLASS B
024	SEAT HOLDER	8"+ DUCTILE IRON	A536 GR 65-45-12
023	DISC ARM	DUCTILE IRON	A536 GR 65-45-12
016	WEIGHT	CAST IRON	A126 CLASS B
014	COVER	CAST IRON	A126 CLASS B
003	DISC	CAST IRON	A126 CLASS B
001	BODY	CAST IRON	A126 CLASS B

*Chrome plated steel brackets supplied on larger size valves.

**For reference ONLY. Contact factory for detailed sales drawings.