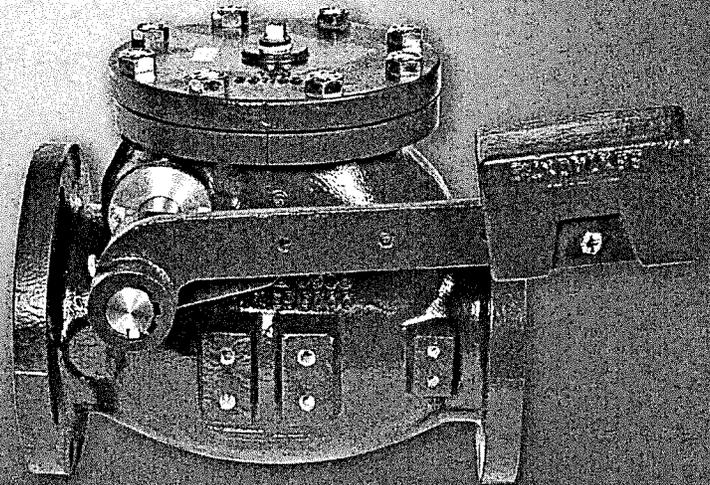
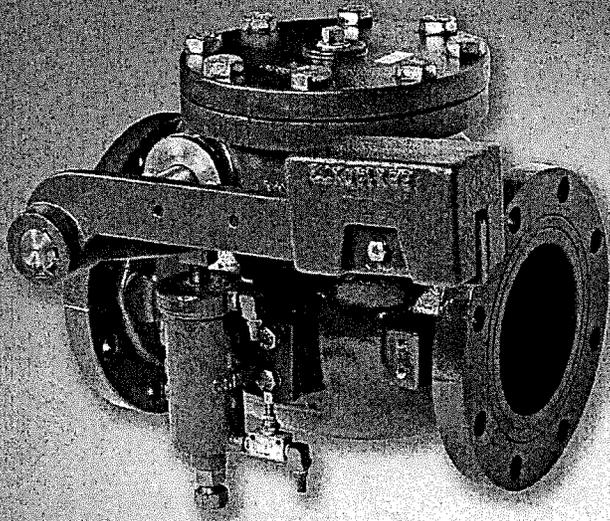


**ISO 9001 CERTIFIED
NSF/ANSI 61 CERTIFIED**

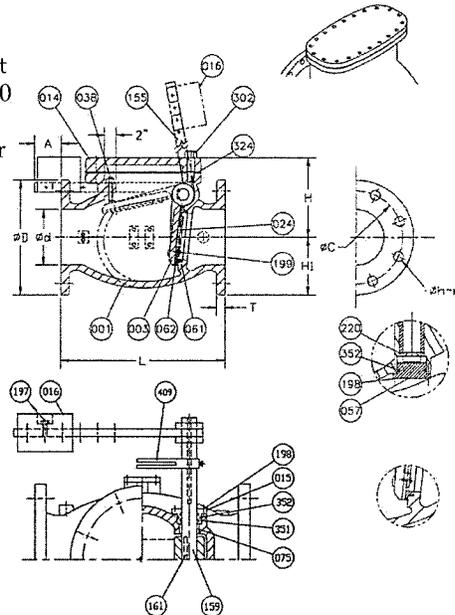
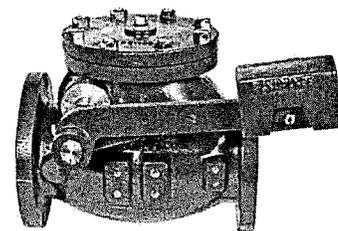
M
MILLIKEN
VALVE COMPANY



CCNE CHECK VALVES

CCNE Model 9001 AWWA Swing Check Valve Outside Lever and Weight or Spring

Model 9001 swing check valves are 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. These valves feature enlarged hinge pins and upgraded materials of construction set forth for air or oil cushion valves. Suitable for use in wastewater, water, sewage, oil and gas applications. Valves are produced in 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. Valves are field convertible to bronze air cushion or oil cushion systems.



Features/Specs

- Clear waterway
- Enlarged stainless steel hinge pin
- Flanges conform to ANSI B16.1 Class 125
- Lever and weight may be installed on either side
- Valve may be installed in vertical line with flow up
- Disc seat standard 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
- Field convertible to air or oil systems
- Valves available in ductile iron (class 125/class 250)
- ANSI B16.1: Cast iron pipe flanges and flanges fittings Class 125
- AWWA C508: Swing check valves for waterworks service, 2" through 24"
- 8 mils NSF 61 epoxy in and out

Sizes: 3" - 72"

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

Uses: Water, Sludge, Sewer Service

Test Pressures:	Size	Seat*	Shell
	3" - 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
3	11	7-1/2	6	3/4	4	3/4	6-3/8	3-3/4
4	13	9	7-1/2	3/4	8	15/16	7-3/8	4-1/2
6	16	11	9-1/2	7/8	8	1	9-3/16	5-1/2
8	19-1/2	13-1/2	11-3/4	7/8	8	1-1/8	10-7/8	6-3/4
10	22	16	14-1/4	1	12	1-3/16	13-5/16	8
12	26	19	17	1	12	1-1/4	15-9/16	9-1/2
14	30	21	18-3/4	1-1/8	12	1-3/8	21-1/16	12-1/16
16	30-1/2	23-1/2	21-1/4	1-1/8	16	1-7/16	24	13-5/16
18	33-1/2	25	22-3/4	1-1/4	16	1-9/16	27-9/16	14-5/8
20	40	27-1/2	25	1-1/4	20	1-11/16	31-5/16	15-3/8
24	46	32	29-1/2	1-3/8	20	1-7/8	35-1/4	17-7/8
30	60	38-3/4	36	1-3/8	28	2-1/8	36	23-1/16
36	63	46	42-3/4	1-5/8	32	2-3/8	41-15/16	27-11/16
42	70	53	49-1/2	1-5/8	36	2-5/8	46-3/4	32-1/8
48	76	59-1/2	56	1-5/8	44	2-3/4	53-1/8	35-1/2

Dimensions for larger sizes available upon request.

NO.	Parts	Material	ASTM Designation
409	TEAR DROP	DUCTILE IRON	A536 GR.65-45-12
352	O-RING C	RUBBER (BUNA N)	D2000 BK 707
351	O-RING B	RUBBER (BUNA N)	D2000 BK 707
324	COVER GASKET	RUBBER (BUNA N)	D2000 BK 807
302	COVER BOLT	ZINC COATED STEEL	A307 GRADE B
283	ARM BOLT	ZINC COATED STEEL	A307 GRADE B
220	SNAP RING	STAINLESS STEEL	A276 GRADE 304
199	SEAT HOLDER BOLT	STAINLESS STEEL	A276 GRADE 304
198	END PLATE BOLT	ZINC COATED STEEL	A307 GRADE B
197	WEIGHT BOLT	ZINC COATED STEEL	A307 GRADE B
161	KEY	STAINLESS STEEL	A276 GRADE 304
159	HINGE PIN	STAINLESS STEEL	A276 GRADE 304
155	WEIGHT ARM	DUCTILE IRON	A536 GR.65-45-12
075	BUSHING	BRONZE	B62
062	DISC SEAT RING	RUBBER (BUNA N)	D2000 BK 807
061	BODY SEAT RING	BRONZE	B62
057	END PLATE B	DUCTILE IRON	A536 GR.65-45-12
038	STOPPER	STAINLESS STEEL	A276 GRADE 304
024	SEAT HOLDER	3"-6" CAST IRON	A126 CLASS B
024	SEAT HOLDER	8"+ DUCTILE IRON	A536 GR 65-45-12
016	WEIGHT	CAST IRON	A126 CLASS B
015	END PLATE A	BRONZE	B62
014	COVER	CAST IRON	A126 CLASS B
003	DISC	DUCTILE IRON	A536 GR.65-45-12
001	BODY	CAST IRON	A126 CLASS B

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