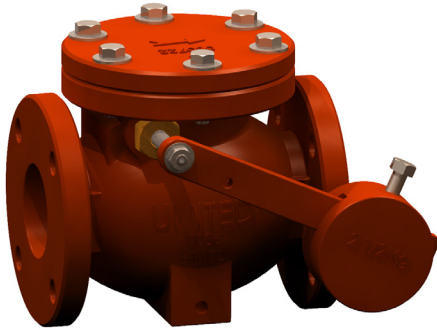


# Swing Check Valve

## Series 7700 - AWWA C508

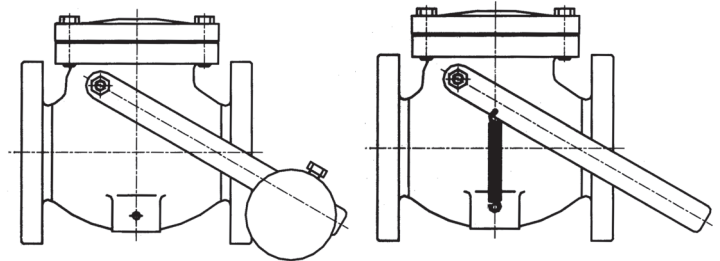
ANSI 125 Body • Bolted Cap • Bronze Seat Ring • Buna Seat Ring



Series 7700

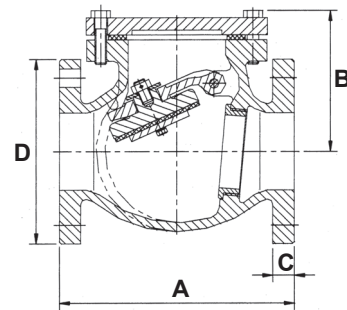
Series 7700-LW (with lever & weight)

Series 7700-LS (with lever & spring)



### MATERIAL LIST

DESCRIPTION	MATERIAL	ASTM SPECIFICATION
Hex Head Bolt	Stainless Steel	304
Cover	Cast Iron	ASTM A126, Class B
Gasket	Synthetic Rubber	NBR
Hanger Bolt	Copper Alloy 836	ASTM B62
Clevis Pin	Stainless Steel	304
Disc	Cast Iron	ASTMA126, Class B
Disc	Synthetic Rubber	NBR
Hanger	Cast Iron	ASTM A126, Class B
Seat Ring	Copper Alloy 836	ASTM B62
Body	Cast Iron	ASTM A126, Class B
Lever	Carbon Steel	Commercial
Weight	Cast Iron	ASTM A126, Class B
Sq. Head Set Screw	Carbon Steel	Commercial
Packing Nut	Brass	Commercial
Hex Nut	Carbon Steel	Commercial
Hanger Shaft	Stainless Steel	304
Washer	PTFE	Commerical



### DIMENSIONAL DATA

Nominal Size	Part No.	A	D	C	B
2	7700-F-110-*	8	6	5/8	4-3/4
2-1/2	7700-F-120-*	8-1/2	7	11/16	5-5/16
3	7700-F-130-*	9-1/2	7-1/2	3/4	5-1/2
4	7700-F-140-*	11-1/2	9	15/16	6-5/8
5	7700-F-150-*	13	10	15/16	7-3/18
6	7700-F-160-*	14	11	1	8-15/32
8	7700-F-180-*	19-1/2	13-1/2	1-1/8	10-1/2
10	7700-F-200-*	24-1/2	16	1-3/16	12
12	7700-F-220-*	27-1/2	19	1-1/4	13-1/2
14	7700-F-240-*	30	21	1-3/8	17-3/4
16	7700-F-260-*	36	23-1/2	1-7/16	20-1/2
18	7700-F-280-*	37	25	1-1/2	21-5/8
20	7700-F-300-*	40	27-1/2	1-5/8	23-1/4
24	7700-F-340-*	48	32	1-7/8	26-3/4

Note: Design subject to change without notice.

#### NOTES:

1. Flange shape and drilling to specification ANSI B16.1 (125 lb.)
2. Face to face dimensions conform to ANSI B16.10 (125 lb.)
3. Maximum working pressure: 200 psi
4. Suitable medium: Water/Sludge/Sewer Service
5. Paint: Fusion Bonded Epoxy, AWWA C550
6. 6" and larger valves supplied w/carbon steel eyebolt

\*Indicate (LW - with lever & weight, LS - with lever & spring)  
Dimensions in inches

Form No. U0097

**UNITED**  
Water  
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**United Water Products**  
2113 W. 30th Street - P.O. Box 12010, Jacksonville, FL 32209  
TEL: 877-766-4459 FAX: 877-766-4458  
Website: [www.unitedwaterproducts.com](http://www.unitedwaterproducts.com)

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