

SWC Series Swing Check Valves, Sizes 3"-36", AWWA C508

3'-36" Class 125/150 Swing Check with Lever & Weight Dimensional Data

ALL DIMENSIONS ARE IN INCHES

Size	Model	Flg CL	A	B	C	D	E	F	G	H	I	J	K
3"	SWC31-LW	CL 125	11.00	13.50	15.14	9.13	4.35	3.25	7.50	0.75	6.00	0.75	4
	SWC32-LW	CL 250	11.00	13.75	15.14	9.13	4.35	3.25	8.25	1.12	6.62	0.88	8
4"	SWC41-LW	CL 125	13.00	15.00	17.19	10.19	5.17	2.75	9.00	0.94	7.50	0.75	8
	SWC42-LW	CL 250	13.00	15.44	17.19	10.19	5.17	2.75	10.00	1.25	7.88	0.88	8
6"	SWC61-LW	CL 125	17.50	22.50	23.00	12.50	9.00	7.50	11.00	1.00	9.50	0.88	8
	SWC62-LW	CL 250	17.50	23.34	23.00	12.50	9.00	7.50	12.50	1.44	10.62	0.88	12
8"	SWC81-LW	CL 125	19.50	25.96	24.00	14.11	11.05	7.00	13.50	1.12	11.75	0.88	8
	SWC82-LW	CL 250	19.50	26.65	24.00	14.11	11.05	7.00	15.00	1.62	13.00	1.00	12
10"	SWC101-LW	CL 125	24.50	30.50	28.75	16.48	13.27	7.75	16.00	1.19	14.25	1.00	12
	SWC102-LW	CL 250	24.50	31.25	28.75	16.48	13.27	7.75	17.50	1.88	15.25	1.12	16
12"	SWC121-LW	CL 125	28.00	34.93	30.25	17.38	14.93	7.88	19.00	1.25	17.00	1.00	12
	SWC122-LW	CL 250	28.00	35.08	30.25	17.38	14.93	7.88	20.50	2.00	17.75	1.25	16
14"	SWC141-LW	CL 125	31.00	40.00	42.50	21.25	16.50	7.25	21.00	1.38	18.75	1.12	12
	SWC142-LW	CL 250	31.00	40.18	42.50	21.25	16.50	7.25	23.00	2.12	20.25	1.25	20
16"	SWC161-LW	CL 125	36.00	43.88	44.00	22.00	18.32	7.00	23.50	1.44	21.25	1.12	16
	SWC162-LW	CL 250	36.00	44.13	44.00	22.00	18.32	7.00	25.50	2.25	22.50	1.38	20
18"	SWC181-LW	CL 125	40.00	49.00	48.25	24.13	20.88	8.39	25.00	1.56	22.75	1.25	16
	SWC182-LW	CL 250	40.00	49.25	48.25	24.13	20.88	8.39	28.00	2.38	24.75	1.38	24
20"	SWC201-LW	CL 125	40.00	51.61	50.19	25.09	22.06	8.26	27.50	1.69	25.00	1.25	20
	SWC202-LW	CL 250	40.00	51.85	50.19	25.09	22.06	8.26	30.50	2.50	27.00	1.38	24
24"	SWC241-LW	CL 125	48.00	60.38	59.25	29.63	26.38	10.00	32.00	1.88	29.50	1.38	20
	SWC242-LW	CL 250	48.00	60.80	59.25	29.63	26.38	10.00	36.00	2.75	32.00	1.62	24
30"	SWC301-LW	CL 125	56.00	68.38	69.00	34.50	29.63	5.02	38.75	2.12	36.00	1.38	28
	SWC302-LW	CL 250	56.00	68.69	69.00	34.50	29.63	5.02	43.00	3.00	39.25	2.00	28
36"	SWC361-LW	CL 125	63.00	79.00	74.25	37.13	32.86	2.00	46.00	2.38	42.75	1.62	32
	SWC362-LW	CL 250	63.00	79.75	74.25	37.13	32.86	2.00	50.00	3.38	46.00	2.25	32

DATA KEY

A: Flange to Flange (Lay Length)
B: Overall Height
C: Valve Width
D: Valve Centerline to End of Shaft
E: Valve Centerline to Valve Base

F: Amount Lever Arm Extends Past Flange Face
G: Flange O.D.
H: Flange Thickness
I: Bolt Circle Diameter
J: Bolt Hole Diameter
K: Number of Bolts



PRODUCT LINE

SWC Series Swing Check Valves, Sizes 3"-36"

SHEET

SWC-LW Dimensional Data

DATE

3/18/2025

REVISION

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DOC. NO.

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