

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

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

ALL DIMENSIONS ARE IN INCHES

Size	Model	Flg CL	A	B	C	D	E	F	G	H	I	J	K	L
3"	SWC31-LW-AC	CL 125	11.00	13.50	18.50	12.50	4.35	3.25	7.50	0.75	6.00	0.75	4	10.50
	SWC32-LW-AC	CL 250	11.00	13.75	18.50	12.50	4.35	3.25	8.25	1.12	6.62	0.88	8	10.50
4"	SWC41-LW-AC	CL 125	13.00	15.00	20.50	13.50	5.17	2.75	9.00	0.94	7.50	0.75	8	9.63
	SWC42-LW-AC	CL 250	13.00	15.44	20.50	13.50	5.17	2.75	10.00	1.25	7.88	0.88	8	9.63
6"	SWC61-LW-AC	CL 125	17.50	22.50	25.75	16.50	9.00	7.50	11.00	1.00	9.50	0.88	8	9.50
	SWC62-LW-AC	CL 250	17.50	23.34	25.75	16.50	9.00	7.50	12.50	1.44	10.62	0.88	12	9.50
8"	SWC81-LW-AC	CL 125	19.50	25.96	27.25	17.38	11.05	7.00	13.50	1.12	11.75	0.88	8	8.63
	SWC82-LW-AC	CL 250	19.50	26.65	27.25	17.38	11.05	7.00	15.00	1.62	13.00	1.00	12	8.63
10"	SWC101-LW-AC	CL 125	24.50	30.50	33.50	21.50	13.27	7.75	16.00	1.19	14.25	1.00	12	10.00
	SWC102-LW-AC	CL 250	24.50	31.25	33.50	21.50	13.27	7.75	17.50	1.88	15.25	1.12	16	10.00
12"	SWC121-LW-AC	CL 125	28.00	34.93	34.63	22.13	14.93	7.88	19.00	1.25	17.00	1.00	12	11.25
	SWC122-LW-AC	CL 250	28.00	35.08	34.63	22.13	14.93	7.88	20.50	2.00	17.75	1.25	16	11.25
14"	SWC141-LW-AC	CL 125	31.00	40.00	41.50	26.25	16.50	7.25	21.00	1.38	18.75	1.12	12	12.88
	SWC142-LW-AC	CL 250	31.00	40.18	41.50	26.25	16.50	7.25	23.00	2.12	20.25	1.25	20	12.88
16"	SWC161-LW-AC	CL 125	36.00	43.88	47.13	30.63	18.32	7.00	23.50	1.44	21.25	1.12	16	20.88
	SWC162-LW-AC	CL 250	36.00	44.13	47.13	30.63	18.32	7.00	25.50	2.25	22.50	1.38	20	20.88
18"	SWC181-LW-AC	CL 125	40.00	49.00	51.00	32.50	20.88	8.39	25.00	1.56	22.75	1.25	16	19.63
	SWC182-LW-AC	CL 250	40.00	49.25	51.00	32.50	20.88	8.39	28.00	2.38	24.75	1.38	24	19.63
20"	SWC201-LW-AC	CL 125	40.00	51.61	56.00	36.00	22.06	8.26	27.50	1.69	25.00	1.25	20	20.63
	SWC202-LW-AC	CL 250	40.00	51.85	56.00	36.00	22.06	8.26	30.50	2.50	27.00	1.38	24	20.63
24"	SWC241-LW-AC	CL 125	48.00	60.38	61.63	38.00	26.38	10.00	32.00	1.88	29.50	1.38	20	22.63
	SWC242-LW-AC	CL 250	48.00	60.80	61.63	38.00	26.38	10.00	36.00	2.75	32.00	1.62	24	22.63
30"	SWC301-LW-AC	CL 125	56.00	68.38	73.13	44.50	29.63	5.02	38.75	2.12	36.00	1.38	28	12.88
	SWC302-LW-AC	CL 250	56.00	68.69	73.13	44.50	29.63	5.02	43.00	3.00	39.25	2.00	28	12.88
36"	SWC361-LW-AC	CL 125	63.00	79.00	95.25	47.63	32.86	2.00	46.00	2.38	42.72	1.62	32	17.25
	SWC362-LW-AC	CL 250	63.00	79.75	95.25	47.63	32.86	2.00	50.00	3.38	46.00	2.25	32	17.25

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
L: Valve Centerline
to bottom of air cushion



PRODUCT LINE

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

SHEET

SWC-LW-AC Series Dimensions

DATE

3/18/2025

REVISION

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DOC. NO.

D-CV-SWC-LW-AC-DIMS-r0