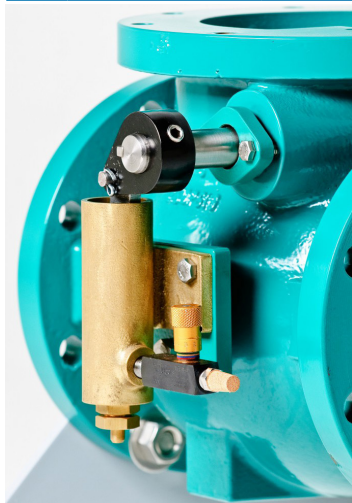


SWC Series Swing Check Valves, Sizes 3"-36", AWWA C508

3"-20" Class 125/150 Swing Check with Lever & Weight and Side Oil 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-OC	CL 125	11.00	X	X	X	4.35	3.25	7.50	0.75	6.00	0.75	4	X
	SWC32-LW-OC	CL 250	11.00	X	X	X	4.35	3.25	8.25	1.12	6.62	0.88	8	X
4"	SWC41-LW-OC	CL 125	13.00	30.25	20.75	13.63	5.17	2.75	9.00	0.94	7.50	0.75	8	12.25
	SWC42-LW-OC	CL 250	13.00	30.63	20.75	13.63	5.17	2.75	10.00	1.25	7.88	0.88	8	12.25
6"	SWC61-LW-OC	CL 125	17.50	33.38	26.75	17.50	9.00	7.50	11.00	1.00	9.50	0.88	8	12.50
	SWC62-LW-OC	CL 250	17.50	33.88	26.75	17.50	9.00	7.50	12.50	1.44	10.62	0.88	12	12.50
8"	SWC81-LW-OC	CL 125	19.50	34.38	28.88	19.00	11.05	7.00	13.50	1.12	11.75	0.88	8	11.50
	SWC82-LW-OC	CL 250	19.50	34.88	28.88	19.00	11.05	7.00	15.00	1.62	13.00	1.00	12	11.50
10"	SWC101-LW-OC	CL 125	24.50	41.00	43.38	21.50	13.27	7.75	16.00	1.19	14.25	1.00	12	13.13
	SWC102-LW-OC	CL 250	24.50	41.76	43.38	21.50	13.27	7.75	17.50	1.88	15.25	1.12	16	13.13
12"	SWC121-LW-OC	CL 125	28.00	42.38	44.63	22.38	14.93	7.88	19.00	1.25	17.00	1.00	12	13.13
	SWC122-LW-OC	CL 250	28.00	43.25	44.63	22.38	14.93	7.88	20.50	2.00	17.75	1.25	16	13.13
14"	SWC141-LW-OC	CL 125	31.00	X	X	X	16.50	7.25	21.00	1.38	18.75	1.12	12	X
	SWC142-LW-OC	CL 250	31.00	X	X	X	16.50	7.25	23.00	2.12	20.25	1.25	20	X
16"	SWC161-LW-OC	CL 125	36.00	54.00	61.25	30.75	18.32	7.00	23.50	1.44	21.25	1.12	16	22.00
	SWC162-LW-OC	CL 250	36.00	54.88	61.25	30.75	18.32	7.00	25.50	2.25	22.50	1.38	20	22.00
18"	SWC181-LW-OC	CL 125	40.00	55.13	62.38	31.25	20.88	8.39	25.00	1.56	22.75	1.25	16	21.25
	SWC182-LW-OC	CL 250	40.00	56.00	62.38	31.25	20.88	8.39	28.00	2.38	24.75	1.38	24	21.25
20"	SWC201-LW-OC	CL 125	40.00	X	X	X	22.04	8.26	27.50	1.69	25.00	1.25	20	X
	SWC202-LW-OC	CL 250	40.00	X	X	X	22.04	8.26	30.50	2.50	27.00	1.38	24	X



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
- L:** Valve Centerline to bottom of oil cushion



PRODUCT LINE

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

SHEET

SWC-LW-OC Series Dimensions

DATE

3/18/2025

REVISION

0

DOC. NO.

D-CV-SWC-LW-OC-DIMS-r0