

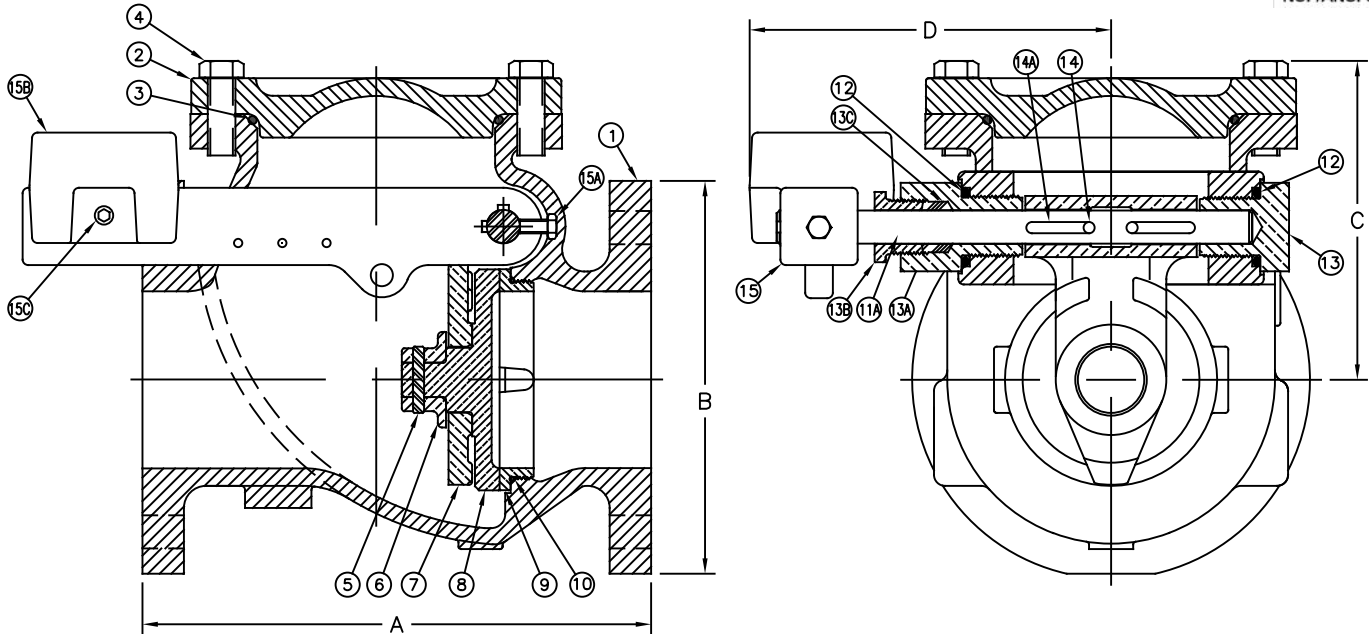
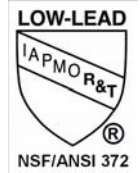
Swing Check Valve

Model 92LW



Sizes 4" & 6" / 100 mm & 150 mm

Materials (Lever & Weight)



Max Temp 180°F (82°C)
Max Pressure 200psi (14bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body*	Cast Iron	A126	12	2	Bearing O'Ring	Buna-n	-----
2	1	Cover*	Cast Iron	A126	13	1	Shaft Support Bearing	Bronze	B140
3	1	Cover O'Ring	Buna-n	-----	13A	1	Open End Support Shaft Bearing	Bronze	B140
4	4	Cover Bolt	Stainless Steel	18-8	13B	1	Shaft Packing Nut	Bronze	B140
5	1	Flapper End Cap Pin	Stainless Steel	18-8	13C	4	Teflon Packing	Teflon	-----
6	1	Flapper End Cap	Bronze	C89833	14	1	Screw	Stainless Steel	18-8
7	1	Hinge Lever Arm	Bronze	C89833	14A	3	Key Stock	Stainless Steel	18-8
8	1	Flapper Plate	Bronze	C89833	15	1	Lever Arm*	Ductile Iron	65-45-12
9	1	Seat Ring	Bronze	C89833	15A	1	Bolt	Stainless Steel	18-8
10	1	Seat Ring O'Ring	Buna-n	-----	15B	1	Weight*	Cast Iron	A126
11A	1	Flapper Support Shaft	Stainless Steel	17-4	15C	1	Bolt	Stainless Steel	18-8

*Epoxy Coated
Optional resilient seat (Nitrile) available, add "R" to end of part number

Dimensions (ANSI B16.1 - 125# Flanges)

Size		Part #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
4	100	3707LW	11-1/2	292	8-57/64	226	7-7/32	183	8-3/16	208	125	57
6	150	3709LW	14	356	10-3/4	273	8-17/32	217	9-7/32	234	224	102

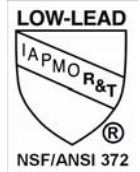
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FLOMATIC CORPORATION
GLENS FALLS, N.Y. 12801
PHONE (518) 761-9797
FAX (518) 761-9798



INSTALLATION OPERATION & MAINTENANCE INSTRUCTION FOR FLOMATIC SERIES 4" & 6" 92, 92LW, 92LS SWING CHECK VALVES

INSTALLTION INSTRUCTIONS:

1. INSURE ALL SHIPPING WEDGES ARE REMOVED FROM GATE ASSEMBLY.
2. CHECK VALVE FOR OPERATION BY LIFTING LEVER ARM OR GATE ASSEMBLY.
3. INSTALL CHECK VALVE WITH FLOW ARROW IN DIRECTION OF FLOW.
4. VALVE MAY BE INSTALLED VERTICALLY OR HORIZONTALLY.

INSPECTION DISASSEMBLY:

1. ISOLATE VALVE FROM SYSTEM PRESSURE BY CLOSING UPSTREAM AND DOWNSTREAM SHUT-OFF VALVES.
2. REMOVE COVER BOLTS.
3. REMOVE COVER AND O-RING.
4. LIFT GATE ASSEMBLY AND INSPECT VALVE SEAT RING AND GATE ASSEMBLY FOR DAMAGE. REPLACE PARTS IF NECESSARY.

VALVE REASSEMBLY:

1. AFTER REPLACEMENT OR INSPECTION OF INTERNAL COMPONENTS, REASSEMBLE VALVE IN REVERSE ORDER OF DISASSEMBLY INSTRUCTIONS.
2. IF VALVE LEAKS AROUND SHAFT PACKING, TURN PACKING NUT CLOCKWISE UNTIL LEAKING HALTS.

RECOMMENDED SPARE PARTS FOR FLOMATIC 4" & 6" SERIES 92, 92LW, 92LS

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
8	FLAPPER PLATE	1
9	SEAT RING	1
13C	PACKING	4
14A	SHAFT KEY	3
3	COVER O-RING	1
12	SHAFT (BEARING) O-RING	2
10	SEAT RING O-RING	1

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