

# Swing Check Valve 125# Flange

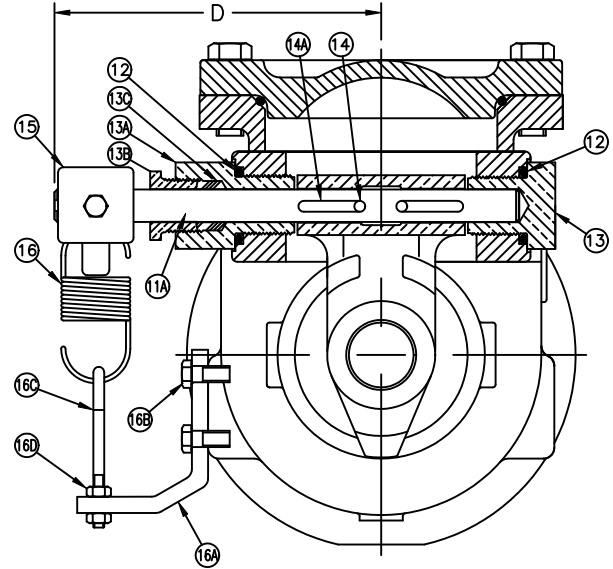
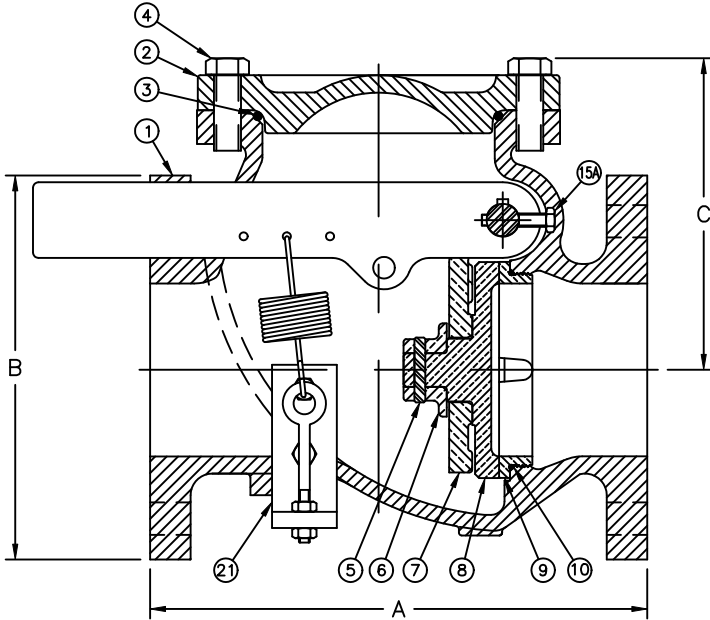
# Model 92LS



Flomatic Corporation

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

## Materials (Lever & Spring)



Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body*	Cast Iron	A126	13A	1	Open End Support Shaft Bearing	Bronze	B140
2	1	Cover*	Cast Iron	A126	13B	1	Shaft Packing Nut	Bronze	B140
3	1	Cover O'Ring	Buna-n	—	13C	4	Teflon Packing	Teflon	—
4	4	Cover Bolt	Stainless Steel	18-8	14	1	Screw	Stainless Steel	18-8
5	1	Flapper End Cap Pin	Stainless Steel	18-8	14A	3	Key Stock	Stainless Steel	18-8
6	1	Flapper End Cap	Federalloy	I-836-FL	15	1	Lever Arm*	Ductile Iron	65-45-12
7	1	Hinge Lever Arm	Federalloy	I-836-FL	15A	1	Bolt	Stainless Steel	18-8
8	1	Flapper Plate	Federalloy	I-836-FL	16	1	Spring	Stainless Steel	316
9	1	Seat Ring	Federalloy	I-836-FL	16A	1	Spring Mounting Bracket*	CRS	—
10	1	Seat Ring O'Ring	Buna-n	—	16B	2	Bolt	Zinc Plated	—
11A	1	Flapper Support Shaft	Stainless Steel	17-4	16C	1	Eyebolt	Zinc Plated	—
12	2	Bearing O'Ring	Buna-n	—	16D	2	Nut	Zinc Plated	—
13	1	Shaft Support Bearing	Bronze	B140	*Epoxy Coated Optional resilient seat (Nitrile) available, add "R" to the end of the part number				

## Dimensions

MANUFACTURED IN COMPLIANCE WITH AWWA C508 STANDARD

Size		Part #	A		B		C		D		Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
4	100	3707LS	11-1/2	292	8-57/64	226	7-7/32	183	7-9/16	192	119	54
6	150	3709LS	14	356	10-3/4	273	8-17/32	217	8-17/32	217	205	93

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FLOMATIC CORPORATION  
GLENS FALLS, N.Y. 12801  
PHONE (518) 761-8797  
FAX (518) 761-9798

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INSTALATION 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>DESCRIPTION</u>	<u>QUANTITY</u>
DISC	1
SEAT RING	1
PACKING	1
SHAFT KEY	3
COVER O-RING	1
SHAFT (BEARING) O-RING	2
SEAT RING O-RING	1

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AWWA C508 STANDARD

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