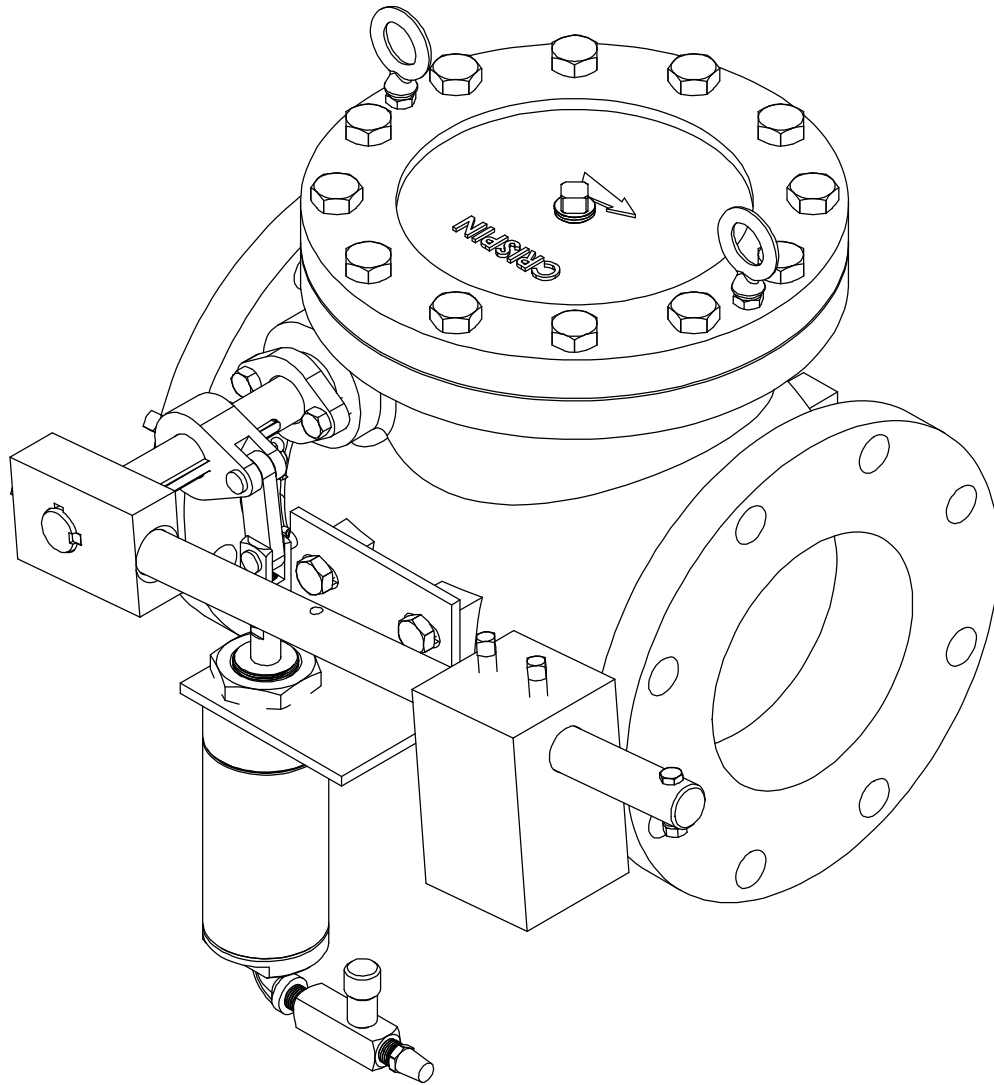


- NOTES:
1. 250 PSIG MAX. WORKING PRESSURE
 2. 500 PSIG HYDROSTATIC TEST PRESSURE
 3. ANSI B16.42 FLAT FACE FLANGED ENDS.
 4. VALVE WILL BE PAINTED/COATED IN ACCORDANCE WITH ORDER REQUIREMENTS.
 5. MANUFACTURED IN ACCORDANCE WITH ANSI/AWWA C508, LATEST REVISION.

DRAWN			DATE			TITLE		
hWg			06/15/10			3" THRU 36" CLASS 125/150 SWING CHECK VALVE w/ LEVER WEIGHT & AIR CUSHION		
WRC			04/18/13			SCALE: 0.38:1		
FILE LOCATION: \\SSD\data\Drawings\PARTS\SWING_CHECK\GA850A			FILE NAME: SWL-3-36-LW-AC			SHEET 1 OF 2		
DIMENSIONS ARE IN INCHES			DO NOT SCALE DRAWING			CRISPIN VALVES		
SIZE C			DWG. NO. SWL-3-36-LW-AC			REV 0		

"SWL" Series Dimensions (Air Cushioned)													
SIZE	MODEL NO.	A	B	Ø C	D	Ø E	F	G	Ø H	J	Ø L	M x Ø N	WT. (LB)
3"	SWL31-LW-AC	9.50	.75	7.50	8.20	7.31	12.00	8.79	.75	9.00	6.00	4 x .75	76
4"	SWL41-LW-AC	11.50	.94	9.00	9.00	8.06	12.00	10.42	.87	9.75	7.50	8 x .75	125
6"	SWL61-LW-AC	14.00	1.00	11.00	10.54	11.42	18.00	13.04	1.00	8.88	9.50	8 x .88	195
8"	SWL81-LW-AC	19.50	1.12	13.50	12.50	13.19	18.00	15.10	1.25	7.44	11.75	8 x .88	375
10"	SWL101-LW-AC	24.50	1.19	16.00	14.94	16.50	18.00	17.04	1.25	10.19	14.25	12 x 1.00	668
12"	SWL121-LW-AC	27.50	1.25	19.00	16.63	18.25	18.00	20.66	1.50	8.50	17.00	12 x 1.00	883
14"	SWL141-LW-AC	31.00	1.38	21.00	18.94	21.50	24.75	24.41	2.00	10.16	18.75	12 x 1.12	1060
16"	SWL161-LW-AC	36.00	1.44	23.50	21.83	24.50	24.75	25.91	2.00	11.16	21.25	16 x 1.12	1410
18"	SWL181-LW-AC	40.00	1.56	25.00	22.80	27.25	30.75	28.91	2.00	12.16	22.75	16 x 1.25	1875
20"	SWL201-LW-AC	40.00	1.69	27.50	24.82	29.25	30.75	30.91	2.00	13.16	25.00	20 x 1.25	2294
24"	SWL241-LW-AC	48.00	1.88	32.00	28.88	33.50	36.68	34.50	2.75	13.75	29.50	20 x 1.38	3600
30"	SWL301-LW-AC	60.00	2.18	38.75	35.63	41.75	37.06	39.41	3.12	15.56	36.00	28 x 1.38	5988
36"	SWL361-LW-AC	63.00	2.44	46.00	40.31	48.50	44.00	43.91	3.50	11.06	42.75	32 x 1.62	8430



PARTS LIST			
ITEM	DESCRIPTION	MATERIAL	QTY
1	BODY & BODY SEAT ASSY	A536 GR 65-45-12 & A351 GR CF8M	1
2	COVER	DUCTILE IRON A536 Gr 65-45-12	1
3	DISC ARM	DUCTILE IRON A536 Gr 65-45-12	1
4	DISC	DUCTILE IRON A536 Gr 65-45-12	1
5	DISC SEAT	D2000 BUNA N RUBBER 70 DUROMETER	1
6	SEAT RETAINER	AISI 304	1
7	STUD	18-8 STAINLESS STEEL	1
8	PIVOT SHAFT	A276 TYPE 304	1
9	PIVOT SHAFT PIN	BEARING BRONZE ALLOY 932 (SAE 660)	1
10	PACKING GLAND	CARBON STEEL	2
11	PIVOT SHAFT BUSHING	BEARING BRONZE ALLOY 932 (SAE 660)	2
12	INNER PIVOT SHAFT KEY	316 SS	1
13	COVER GASKET	KLINGERSIL C-4401	1
14	LEVER WELDMENT	CARBON STEEL	1
15	LEVER WEIGHT	ASTM A36	1
16	OUTER PIVOT SHAFT KEY	316 SS	1
17	CYLINDER BRACKET	CARBON STEEL	1
18	AIR CYLINDER	VALVE SIZE 3" THRU 10": STAINLESS STEEL VALVE SIZE 12" THRU 36": ALUMINUM	1
19	CYLINDER LEVER	DUCTILE IRON A536 Gr 65-45-12	1
20	CYLINDER LINK	CARBON STEEL	1
21	PACKING	PTFE IMPREGNATED, INTERLOCK BRAID	8
22	HEX HEAD SCREW	18-8 STAINLESS STEEL	4
23	HEX HEAD SCREW	STEEL, GR 5, ZINC PLTD	-
24	PIPE PLUG	CARBON STEEL	1
25	SOC SET SCREW CUP PT.	18-8 STAINLESS STEEL	2
26	HEX HEAD NUT	18-8 STAINLESS STEEL	1
27	FLAT WASHER	18-8 STAINLESS STEEL	1
28	COTTER PIN	18-8 STAINLESS STEEL	1
29	HEX HEAD SCREW	18-8 STAINLESS STEEL	-
30	EYEBOLT	STEEL, ZINC PLATED	2
31	HEX HEAD JAM NUT	STEEL, ZINC PLATED	2
32	CLEVIS PIN	STEEL, ZINC PLATED	1
33	COTTER PIN	STEEL, ZINC PLATED	1
34	HEX HEAD SCREW	STEEL, GR 5, ZINC PLTD	-
35	SET SCREW, CUP POINT	CARBON STEEL	1
36	SET SCREW, CUP POINT	CARBON STEEL	3
37	HEX HEAD SCREW	STEEL, GR 5, ZINC PLTD	1
38	HEX HEAD NUT	STEEL, ZINC PLATED	1
39	LOCK WASHER	STEEL, ZINC PLATED	1
40	ROD CLEVIS w/ PIN	STEEL, ZINC PLATED	1
41	AIR-INTAKE FILTER, NPT	BRASS	2
42	STREET ELBOW, NPT x 90°	CARBON STEEL	1
43	NIPPLE, NPT	CARBON STEEL	1
44	FLOW CONTROL VALVE	CARBON STEEL	1
45	O-RING	BUNA N DUROMETER 70	1

	NAME	DATE	CRISPIN VALVES	
DRAWN	hWg	06/15/10		
CHECKED	WRC	04/18/13		
DIMENSIONS ARE IN INCHES			TITLE: 3" THRU 36" CLASS 125/150 SWING CHECK VALVE w/ LEVER WEIGHT & AIR CUSHION	
DO NOT SCALE DRAWING				
FILE LOCATION: \\337data\Drawings\PARTS\SWING_ CHECK\GA890-1\			SIZE C	DWG. NO. SWL-3-36-LW-AC
FILE NAME: SWL-3-36-LW-AC			SCALE: 0.38:1	REV 0
			SHEET 2 OF 2	