SIGMA WATERWORKS

ONE-LOK ™ MODEL SLCE

WEDGE ACTION RESTRAINT FOR PVC PIPE

Project Name: _____ Contractor: _____ Date: _____

Engineer: _____ Spec Section: _____

PRODUCT SPECIFICATIONS

Material:
Gland body, wedge inserts and break-off top actuating bolts are manufactured of high strength ductile iron in accordance with ASTM A536, Grade 65-45-12.

Pressure Rating:
Equal to the water working pressure rating of the pipe on which it is installed.

Factor of Safety:
2:1

Size Range:
3" - 60"

Dimensions:
Conform to ANSI/AWWA C111/A21.11 & ANSI/AWWA C153/A21.53 standards.

Deflection:
5° on 3" - 12", 2° on 14" & 16", 1.5° on 18" - 30" and 1° on 36" - 60"

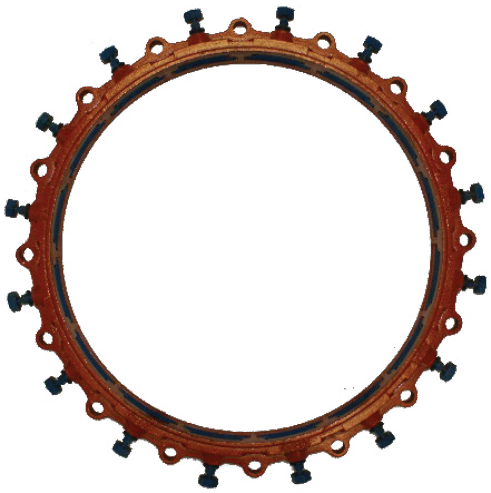
Traceability:
Gland body, wedge inserts and break-off top actuating bolts are individually cast with exact heat code information.

Approvals:
Underwriters Laboratories' listed in sizes 4"-12" and Factory Mutual approved in sizes 4"-12".

Installations:
In accordance with manufacturer's recommendation and applicable AWWA standards

OPTIONAL SPECIFICATIONS

Gaskets	SBR (In accordance with ANSI/AWWA C111/A21.11)	☐
	EPDM	☐
	Neoprene	☐
	Nitrile	☐
	Other - Specify _____	☐
Coatings	Red Alkyd Paint	☐
	Electro-Deposition "CORRSAFE™"	☐
	Others- Specify _____	☐
Bolts & Nuts	High Strength, Low Alloy Steel(HSLA) (In accordance with ANSI/AWWA C111/A21.11)	☐
	Stainless Steel ☐ Type 304 ☐ Type 316	☐
	Blue Fluoropolymer	☐
	Others- Specify _____	☐



FM APPROVED

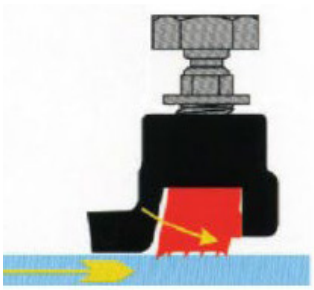
CLASSIFIED UL WATER QUALITY

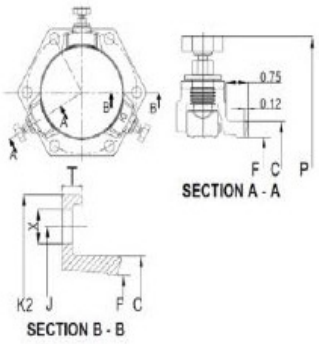
Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372

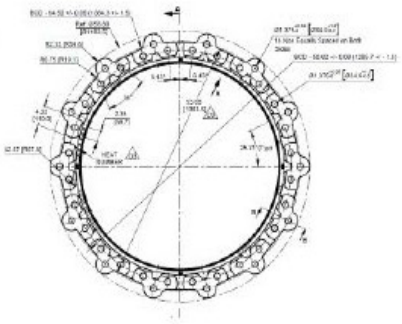
UL

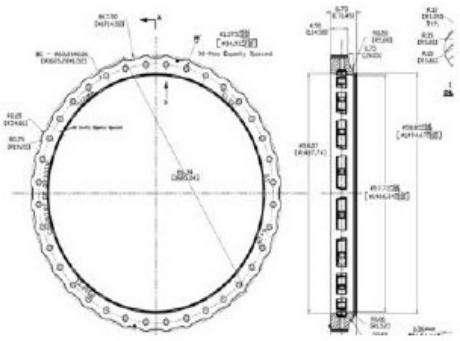
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WEDGE ACTION RESTRAINT FOR PVC PIPE









Dimensions in Inches, Weights in Pounds

Nom Pipe Size	Wgt	PVC Pipe OD		Dimensions										Bolts and Inserts			Pres. Rating	T-Bolts			Gasket	
		DI	IPS	C	F	K2	T	P	P*	X	J	Bell Joint BCD	Bell Joint Hole Size	No	Size	Torq. Bolts		No	Size	Torq.	No	Item #
☐ 3	6.21	---	3.50	4.76	3.60	7.18	0.60	9.42	8.50	0.750	6.14	---	---	2	⅞	45-55	235	4	⅝ x 3.0	45-60	1	TG3
☐ 4	6.78	4.80	4.50	5.92	4.90	7.92	0.60	10.22	9.30	0.875	7.50	---	---	2	⅞	50-60	235	4	¾ x 3.5	75-90	1	MG4
☐ 6	10.28	6.90	6.63	8.01	7.00	10.00	0.60	12.87	11.95	0.875	9.50	---	---	3	⅞	50-60	235	6	¾ x 3.5	75-90	1	MG6
☐ 8	14.48	9.05	8.63	10.17	9.15	12.18	0.75	14.37	13.45	0.875	11.75	---	---	4	⅞	50-60	235	6	¾ x 4.0	75-90	1	MG8
☐ 10	21.40	11.10	10.75	12.22	11.20	14.60	0.85	16.68	15.76	0.875	14.00	---	---	6	⅞	50-60	235	8	¾ x 4.0	75-90	1	MG10
☐ 12	26.96	13.20	12.75	14.32	13.30	16.64	0.85	18.58	17.66	0.875	16.25	---	---	8	⅞	50-60	235	8	¾ x 4.0	75-90	1	MG12
☐ 14	33.67	15.30	---	16.40	15.44	20.25	1.20	21.68	19.98	0.875	17.75	---	---	10	⅞	55-65	235	10	¾ x 4.5	75-90	1	MG14
☐ 16	41.67	17.40	---	18.50	17.54	22.45	1.21	23.65	21.95	0.875	21.00	---	---	12	⅞	55-65	235	12	¾ x 4.5	75-90	1	MG16
☐ 18	49.50	19.50	---	20.60	19.64	24.75	1.25	25.79	24.09	0.875	23.25	---	---	12	⅞	55-65	235	12	¾ x 4.5	75-90	1	MG18
☐ 20	61.17	21.60	---	22.70	21.74	27.00	1.34	28.16	26.46	0.875	25.50	---	---	14	⅞	55-65	235	14	¾ x 5.0	75-90	1	MG20
☐ 24	79.33	25.80	---	26.90	25.94	31.50	1.46	32.70	31.00	0.875	30.00	---	---	16	⅞	55-65	235	16	¾ x 5.0	75-90	1	MG24
☐ 30	198.00	32.00	---	33.29	32.17	38.42	2.00	41.92	39.92	1.125	36.88	---	---	20	1.00	65-75	165	20	1 x 6.5	100-120	1	MGS30
☐ 36	248.00	38.30	---	39.59	38.47	46.00	2.00	48.78	46.78	1.125	43.75	---	---	24	1.00	65-75	165	24	1 x 6.5	100-120	1	MGS36
☐ 42	660.00	44.50	---	45.76	44.80	58.80	3.15	59.59	57.93	1.375	50.62	54.50	1.375	14	1.00	65-75	235	28	1 ¼ x 8.0	120-150	1	MGS42
☐ 48	751.00	50.80	---	52.09	50.97	65.74	3.15	66.63	63.5	1.375	57.50	61.44	1.375	16	1.00	65-75	200	32	1 ¼ x 8.0	120-150	1	MGS48
☐ 54	1022.00	57.56	---	58.85	57.73	67.50	4.50	72.1	70.5	1.375	63.2	---	---	18	1 ¼	105-115	250	36	1 ¼ x 11	120-150	1	MGS54
☐ 60	1115.00	61.61	---	62.90	61.78	72.00	4.50	77.4	75.75	1.375	67.72	---	---	18	1 ¼	105-115	250	36	1 ¼ x 11	120-150	1	MGS60

Notes:
Sizes 4" - 12" are UL listed and have been tested in accordance with ASTM F1674
Sizes 4" - 12" are FM Approved on AWWA C900 pipe