SIGMA WATERWORKS

PV-LOK ™ MODEL PWP

SERRATED BELL JOINT RESTRAINT FOR C900 PVC PIPE

Project Name: | Contractor: | Date:

Engineer: | Spec Section:

PRODUCT SPECIFICATIONS

Material:
Machine-serrated clamping ring is manufactured of high strength ductile iron in accordance with ASTM A536, Grade 65-45-12. Side clamping hex bolts and hex nuts are manufactured of high strength steel in accordance with ASTM A449 and Zinc plated to B663, Type III Sec.1 for corrosion resistance.

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

Factor of Safety:
2:1

Size Range:
4" - 48"

Dimensions:
Conform to ANSI/AWWA C900 standard.

Deflection:
Maintains the allowable nominal deflection within the PVC pipe manufacturer recommendation for AWWA C900 PVC pipe bell.

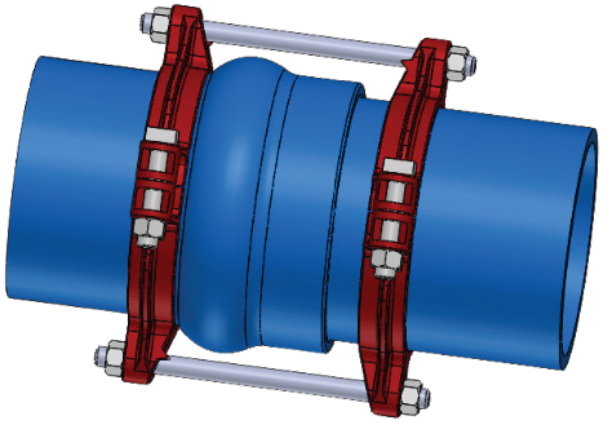
Traceability:
Machine-serrated clamping rings are individually cast with exact heat code information.

Approvals:
Factory Mutual approved in sizes 4"-10".

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

OPTIONAL SPECIFICATIONS

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

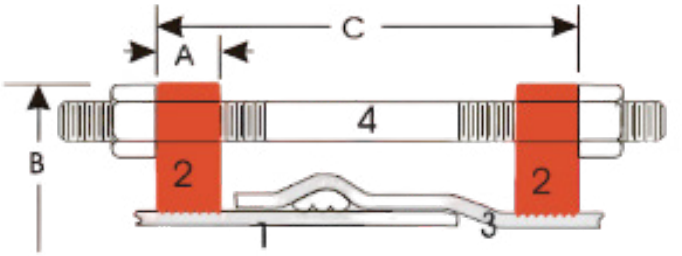
Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372

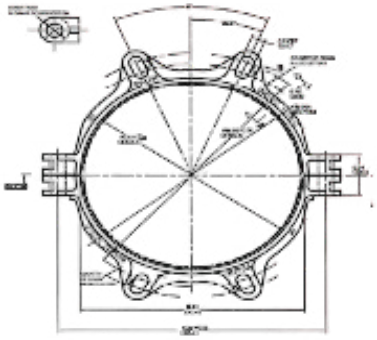
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PV-LOK™ Model PWP for PVC Pipe Specifications

	Nom Pipe Size	Wgt	PVC Pipe w/ DI Pipe OD	Dimensions			BCD		Restraining Rods		Nuts for Restraining Rods		Clamping Bolts		
				A	B	C (Max)	Max	Min	Qty	Size	Qty	Size	Qty	Size	Min Torq.
☐	4	14.36	4.8	1.2	9	13	7.5	7.12	2	¾ x 15	4	¾	4	⅝ x 3 ⅜	85
☐	6	16.44	6.9	1.2	11.52	13	9.26	9.26	2	¾ x 18	4	¾	4	⅝ x 3⅜	85
☐	8	27	9.05	1.75	12.81	13	11.5	11.5	2	¾ x 18	4	¾	4	¾ x 3⅞	100
☐	10	44.4	11.1	1.75	16.88	16	13.76	13.76	4	¾ x 24	8	¾	4	⅞ x 4⅜	125
☐	12	50.64	13.2	1.75	19.12	22	16.00	16.00	4	¾ x 24	8	¾	4	⅞ x 4⅜	125
☐	14	101.61	15.3	3.5	21.1	22	17.6	17.6	6	¾ x 30	12	¾	8	⅞ x 6¼	130
☐	16	115.15	17.4	3.5	23.58	22	20.0	20.0	6	¾ x 30	12	¾	8	⅞ x 6¼	130
☐	18	164.97	19.5	4.25	25.8	22	22.2	22.2	8	¾ x 30	16	¾	8	1.00 x 6¼	130
☐	20	234.5	21.6	5	29.06	22	24.70	24.70	8	¾ x 36	16	¾	8	1-¼ x 6-½	130
☐	24	288.5	25.8	5	34.64	22	29.72	29.72	10	¾ x 36	20	¾	8	1-¼ x 6-½	130
☐	30	463.75	32	5.5	41.8	38	36.76	36.76	10	1 x 40	20	1	8	1-¼ x 8-½	130
☐	36	520.4	38.3	5.5	49.04	38	43.52	43.52	12	1 x 40	24	1	8	1-¼ x 8-½	130
☐	42	983.76	44.5	6.26	57.18	46	50.62	50.62	16	1 ¼ x 48	32	1 ¼	8	1 ½ x 9	175
☐	48	1058.5	50.8	6.26	63.48	46	56.92	56.92	16	1 ¼ x 48	32	1 ¼	24	1 ½ x 9	175

All dimensions are in inches