PV-LOK ™ MODEL PWM

FOR DUCTILE IRON FITTING RESTRAINT TO 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 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 C153/A21.53,C111/A21.11,C110/A21.10 standards

Deflection:
5° on 3"-12", 2° on 14",16", 1.5° on 18"-30",1° on 36" – 48"

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.

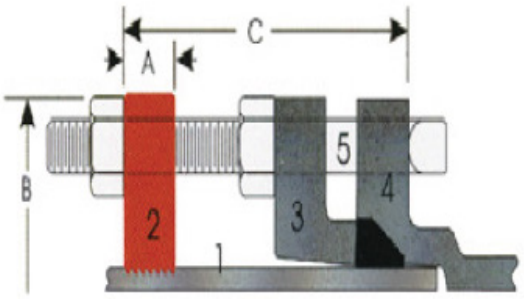
OPTIONAL SPECIFICATIONS

Coatings	Asphaltic Black Enamel
	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

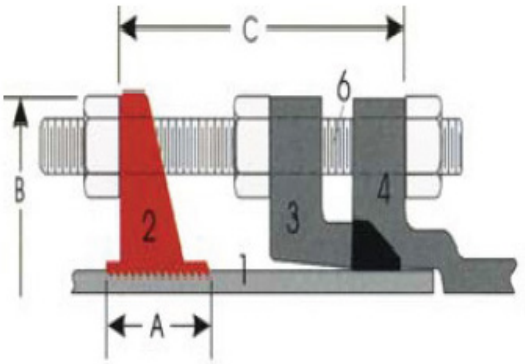


PV-LOK ™ MODEL PWM

FOR DUCTILE IRON FITTING RESTRAINT TO PVC PIPE



1. Plain end pipe
2. Restrainer Clamp
3. MJ Gland
4. MJBell
5. Long T-Bolt
6. Threaded Rod



PV-LOK ™ Model PWM for Ductile Iron Fitting Restraint to PVC Pipe

Nom Pipe Size	Wgt	PVC Pipe w/ DI Pipe OD	Dimensions			T-bolts (3"-12") Restraining Rods (14"-48")		Nuts for Restraining Rods		Washers		Clamping Bolts		
			A	B	C (Max)	No.	Size	No.	Size	No.	Size	No.	Size	Min Torq.
4	7.48	4.80	1.20	9.00	6.00	2	¾x7	4	¾		N/A	2	⅝ x 3⅜	85
6	8.62	6.90	1.20	11.52	6.00	2	¾x7	4	¾		N/A	2	⅝x3⅜	85
8	13.90	9.05	1.75	12.81	6.00	2	¾x7	4	¾		N/A	2	¾ x 3⅞	100
10	21.83	11.10	1.75	16.88	8.00	4	¾x9	8	¾		N/A	2	⅞ x 4⅜	125
12	24.95	13.20	1.75	19.12	8.00	4	¾x9	8	¾		N/A	2	⅞ x 4⅜	125
14	52.43	15.30	3.50	21.10	15.00	6	¾x17	18	¾	6	⅞ x 2 x 2 x ¼	4	⅞ x 6¼	130
16	58.70	17.40	3.50	23.58	15.00	6	¾x17	18	¾	6	⅞ x 2 x 2 x ¼	4	⅞ x 6¼	130
18	86.25	19.50	4.25	25.80	15.00	8	¾x17	24	¾	8	⅞ x 2 x 2 x ¼	4	1.00 x 6¼	130
20	123.17	21.60	5.00	29.06	22.00	8	¾x24	24	¾	8	⅞ x 2 x 2 x ¼	4	1¼ x 6½	130
24	151.00	25.80	5.00	34.64	22.00	10	¾x24	30	¾	10	⅞ x 2 x 2 x ¼	4	1¼ x 6½	130
30	240.95	32.00	5.50	41.80	22.00	10	1x24	30	1	10	1 ⅛ x 2.5 x 2.5 x 5⁄16	4	1¼ x 8½	130
36	269.80	38.30	5.50	49.04	22.00	12	1x24	36	1	12	1 ⅛ x 2.5 x 2.5 x 5⁄16	4	1¼ x 8½	130
42	563.88	44.50	6.26	57.18	32.00	16	1 ¼x36	48	1 ¼	16	1 ⅜ x 3 x 3 x ⅜	4	1½ x 9	175
48	790.00	50.80	10.98	63.37	32.00	16	1 ¼x36	48	1 ¼	16	1 ⅜ x 3 x 3 x ⅜	12	1 ½ x 9	175