ONE-LOK ™ MODEL SLDEH

WEDGE HARNESS RESTRAINT FOR DUCTILE IRON PIPE

Project Name:	Contractor:	Date:
Engineer:	Spec Section:	

PRODUCT SPECIFICATIONS

Material:
Gland body, wedge inserts, break-off top actuating bolts and split back- up ring are manufactured of high strength ductile iron in accordance with ASTM A536, Grade 65-45-12. Wedge inserts are heat treated to a hardness of 370 BHN minimum.

Pressure Rating:
3"-16" 350 psi WWP
18"-48" 250 psi WWP

Factor of Safety:
2:1

Size Range:
3" - 48"

Dimensions:
Conform to ANSI/AWWA C151/A21.51 standard.

Deflection:
5° for 3"-12", 2° for 14"-16", 1-1/2° for 18"-24" and 1° for 30"-48"

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

Approvals:
Wedge glands are Underwriters Laboratories' Listed in sizes 3"–36" and Factory Mutual approved in sizes 3" – 12".

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

OPTIONAL SPECIFICATIONS

Coatings	Asphaltic Black Enamel
	Electro-Deposition "CORRSAFE™"
	Others- Specify
T-Head Bolts, Restraining Rods & Nuts	High Strength, Low Alloy Steel (In accordance with ANSI/AWWA C111/A21.11)
	Stainless Steel Type 304 Type 316
	Blue Fluoropolymer
	Others- Specify



FM APPROVED

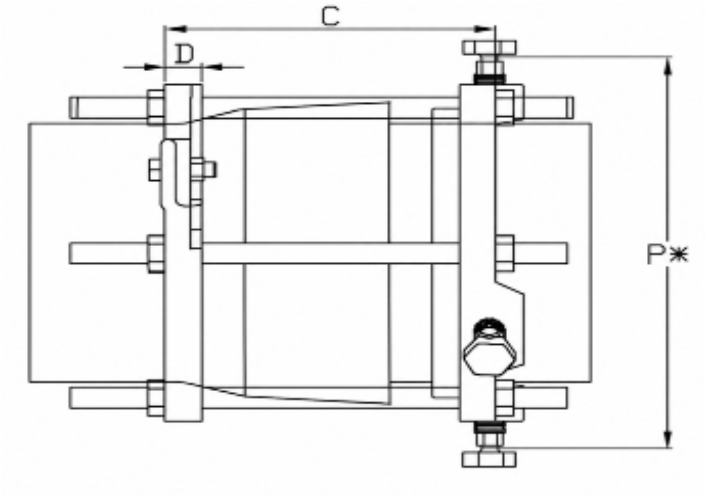
CLASSIFIED UL WATER QUALITY

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

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Dimensions in Inches; Weight in Pounds

Size	Item #	Pres. Rating	Max Pipe Bell OD Clearance	Dim C	Dim P*	Dim D	Harness Accessories					
							Size of Clamping Bolt and Nut (Size x Length)	Torq. (ft-lb) Split Gland Side	Restraining Rod Size X Length	# of Nuts size	# of Washer (Size)	Wgt of SG+ ONE-LOK
3	SLDEH3	350	5.44	14	9.40	0.62	1/2 X 1.5 - 2	65	5/8 X 17 - 4	8 - ⅝	NA	12.9
4	SLDEH4	350	6.62	14	10.24	0.75	1/2 X 1.5 - 2	65	3/4 X 17 - 4	8 - ¾	NA	18.9
6	SLDEH6	350	8.62	14	12.34	0.88	1/2 X 1.5 - 2	65	3/4 X 17 - 6	12 - ¾	NA	29.5
8	SLDEH8	350	10.88	14	14.32	1.00	1/2 X 1.5 - 2	65	3/4 X 17 - 6	12 - ¾	NA	36.9
10	SLDEH10	350	13.12	20	13.12	1.00	1/2 X 1.5 - 2	65	3/4 X 24 - 8	16 - ¾	NA	52
12	SLDEH12	350	15.38	20	15.38	1.50	3/4 X 3 - 2	65	3/4 X 24 - 8	16 - ¾	NA	76
14	SLDEH14	350	17.88	22	17.88	3.00	7/8 X 6 1/4 - 4	130	3/4 X 24 - 6	12 - ¾	6 (⅞ x 2 x 2 x ¼)	95
16	SLDEH16	350	20.12	22	20.12	3.50	7/8 X 6 1/4 -4	130	3/4 X 24 - 6	12 - ¾	6 (⅞ x 2 x 2 x ¼)	115
18	SLDEH18	250	22.38	22	22.38	4.25	1 X 6 1/4 - 4	130	3/4 X 24 - 8	16 - ¾	8 (⅞ x 2 x 2 x ¼)	144
20	SLDEH20	250	24.62	22	24.62	5.00	1 - 1/4 X 6 - 4	130	3/4 X 24 - 8	16 - ¾	8 (⅞ x 2 x 2 x ¼)	201
24	SLDEH24	250	29.12	26	29.12	3.00	1 X 5 -4	130	3/4 X 30 - 10	20 - ¾	10 (⅞ x 2 x 2 x ¼)	223
30	SLDEH30	250	35.75	26	35.75	3.00	1 X 5 -4	130	1 X 30 - 10	20 - 1	10 (1 ⅛ x 2.5 x 2.5X 5/16)	360
36	SLDEH36	250	42.62	26	42.62	3.00	1 X 5 -4	130	1 X 30 - 12	24 - 1	12 (1 ⅛ x 2.5 x 2.5X 5/16)	508
42	SLDEH42	250	49.37	30	49.37	4.10	1 1/4 X 48 - 12	130	1 1/4 X 48 - 12	24 - 1 ¼	12 (3 x 3 x ⅜)	835
48*	SLDEH48	250	56.12	30	56.12	3.00	1 1/4 X 48 - 12	NA	1 1/4 X 48 - 28	56 - 1 ¼	NA	1351

*Note: SLDEH48 is offered with C110 MJ gland for the backup ring and all other sizes are with split gland.