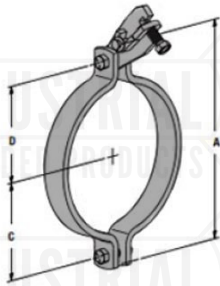




FIG. 4L
"In-Line" Sway Brace Attachment



Material: Steel
Finish: Plain, Electro-Galvanized, or Stainless Steel.
Service: Multi-functional attachment to structure or braced pipe fitting.
Approvals: Underwriters Laboratories Listed in the USA (UL) and Canada (cUL). Approved Factory Mutual Engineering (FM). Approved by the State of California Office of Statewide Health Planning and Development (OSHPD).
Ordering: Figure number and finish.
Notes: The cross reference number for this product is Fig 031

Pipe Size in (mm)	A		C		D		Bolt Size	Max Horizontal Design Load (cULus) lbs/(kN)	Approximate Wgt/100 in (mm)
	in	mm	in	mm	in	mm			
2-1/2 (65)	6-7/16	163.5	2-1/2	63.5	2-3/4	69.8	1/2"-13	2015 (8.96)	253 (114.7)
3 (80)	7	177.8	2-3/4	69.8	3-1/16	77.8	1/2"-13	2015 (8.96)	268 (121.5)
4 (100)	8-1/2	215.9	3-3/8	85.7	3-11/16	93.7	1/2"-13	2015 (8.96)	348 (157.8)
5 (125)	9-3/4	247.6	3-7/8	98.4	4-3/8	111.1	1/2"-13	2015 (8.96)	380 (172.3)
6 (150)	11-1/2	292.1	5	127.0	5-1/8	130.2	1/2"-13	2015 (8.96)	640 (290.3)
8 (200)	13-1/4	336.5	5-5/8	142.8	5-5/8	142.8	1/2"-13	2015 (8.96)	728 (330.2)

Pipe Size in (mm)	Max Horizontal Design Load (cULus) lbs/(kN)	Max Horizontal Design Load (FM) **							
		30-44 degrees		45-59 degrees		60-74 degrees		75-90degrees	
		Lbs	kN	Lbs	kN	Lbs	kN	Lbs	kN
2-1/2 (65)	2015 (8.96)	1030	4.58	1180	5.24	1420	6.31	1590	7.07
3 (80)	2015 (8.96)	1030	4.58	1180	5.24	1420	6.31	1590	7.07
4 (100)	2015 (8.96)	530	2.36	730	3.25	890	3.96	990	4.40
5 (125)	2015 (8.96)	530	2.36	730	3.25	890	3.96	990	4.40
6 (150)	2015 (8.96)	530	2.36	730	3.25	890	3.96	990	4.40
8 (200)	2015 (8.96)	490	2.18	680	3.02	830	3.96	930	4.13

Project Information		Approval Stamp
Project:		Notes:
Address:	Contractor:	
Date:	Engineer:	
Approved <input type="checkbox"/> Approved as Noted <input type="checkbox"/> Not Approved <input type="checkbox"/>		