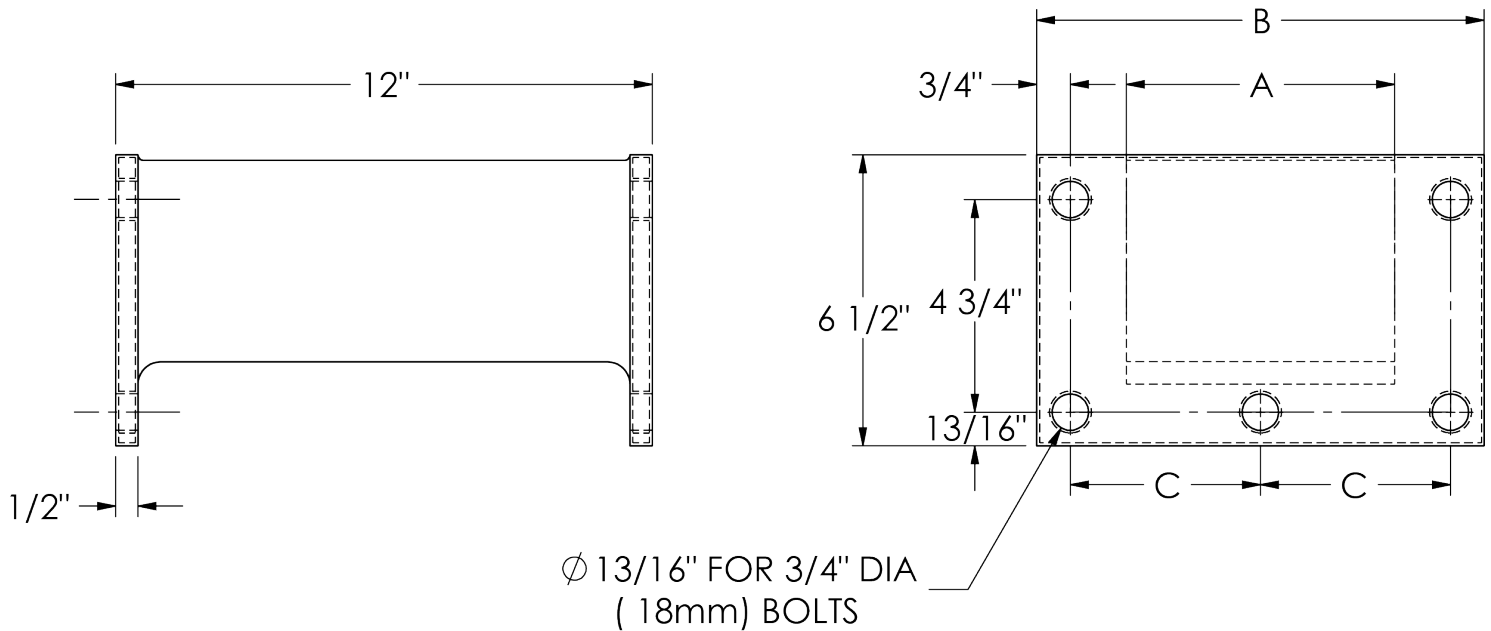


12" Buckling Column Fender



Material:

Elastomer ASTM D-2000 3AA725 B33 C20 F17 K11 - meets PIANC WG 211

Steel ASTM A-36

Part No.	Wt.	A	B	C
E46001	25 lbs.	6	10	4 1/4
	11.3 kgs.	(152.4)	(254.0)	(108.0)
E46002	35 lbs.	9	13	5 3/4
	15.9 kg.	(228.6)	(330.2)	(146.1)
E46003	45 lbs.	12	16	7 1/4
	20.4 kg.	(304.8)	(406.4)	(184.2)
E46004	35 lbs.	9	13	5 3/4
	15.9 kg.	(228.6)	(330.2)	(146.1)
E46005	50 lbs.	12	16	7 1/4
	22.7 kg.	(304.8)	(406.4)	(184.2)

in.	cm.
1/2	1.27
3/4	1.91
0.80	2.03
13/16	2.06
1 13/16	3.02
4 3/4	12.07
6 3/4	17.15

Note: All dimensions in parentheses are in millimeters



Part No.	R/E at Rated Deflection	R/E at Max. Allowable Deflection	Reaction Load at Rated Deflection	Energy Absorbed at Rated Deflection
E46001	3.5	4.3	5300	1400
	11.4	14.1	2.40	0.195
E46002	3.3	4.0	8000	2100
	11	13.1	3.62	0.295
E46003	3.6	4	10600	2800
	11.8	13.1	4.81	0.392
E46004	4	4.1	13500	3500
	13.1	13.5	6.11	0.490
E46005	4.2	5.00	22000	4700
	13.9	16.4	9.96	0.620

Note:

1. R/E - KIPS/ft. KIP (metric tons/metric ton meters)
2. Reaction Load - lbs. (metric tons)
3. Energy - ft. lbs. (metric ton meters)

