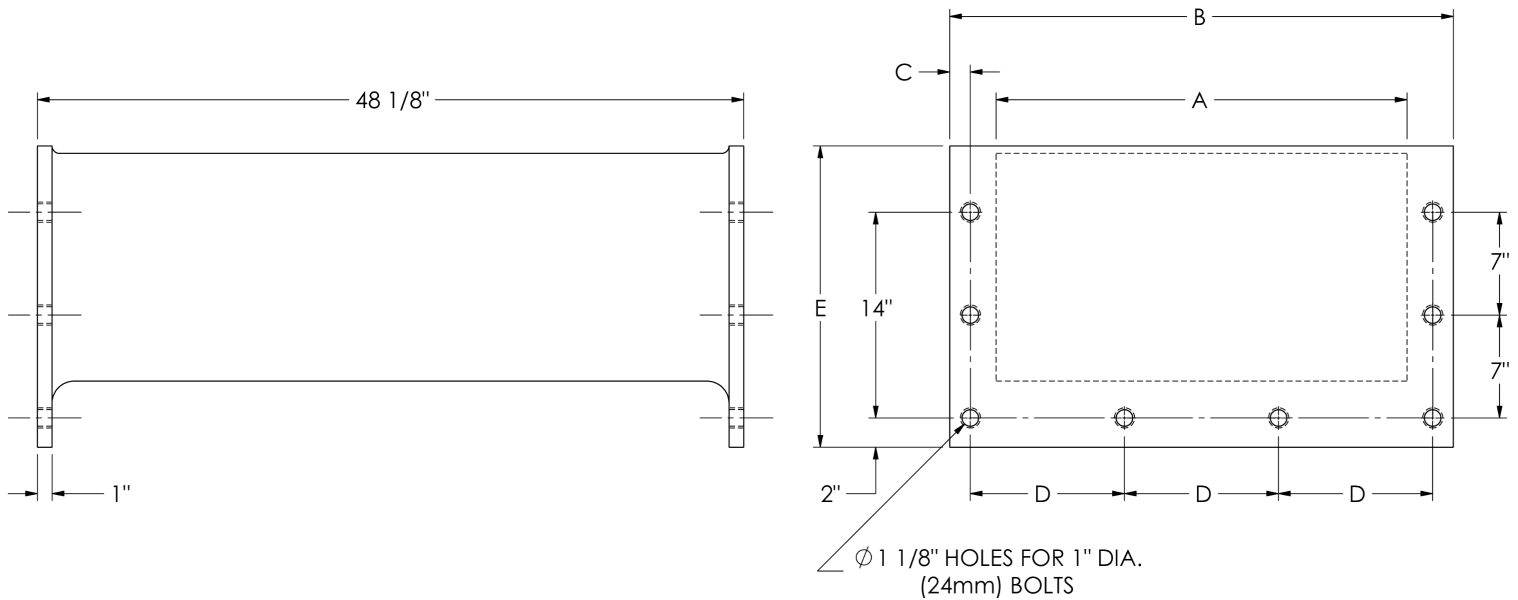


48" Buckling Column Fender



Material:

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

Steel ASTM A-36

Part No.	Wt.	A	B	C	D	E
E46018	525 lbs.	14	20 5/16	1 29/32	5 1/2	19 1/2
	238 kgs.	(355.6)	(515.9)	(48.4)	(133.7)	(495.3)
E46019	635 lbs.	17 1/2	23 13/16	1 13/32	7	20 1/2
	288 kgs.	(444.5)	(604.8)	(35.7)	(177.8)	(520.7)
E46020	750 lbs.	21	27 5/16	1 21/32	8	20 1/2
	340 kgs.	(533.4)	(693.7)	(42.1)	(203.2)	(520.7)
E46021	870 lbs.	24 1/2	30 13/16	1 29/32	9	20 1/2
	394 kgs.	(622.3)	(782.6)	(48.4)	(228.6)	(520.7)
E46022	990 lbs.	28	34 5/16	1 13/32	10 1/2	20 1/2
	448 kgs.	(711.2)	(871.5)	(35.7)	(266.7)	(520.7)

in.	cm.
1	2.54
1 1/8	2.86
2	5.08
3 1/2	8.89
48 1/8	122.24

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
E46018	0.64	0.61	37,300	60,000
	(2.1)	(2.0)	(16.91)	(8.29)
E46019	0.63	0.61	47,500	76,500
	(2.1)	(2.0)	(21.54)	(10.57)
E46020	0.63	0.61	55,800	90,000
	(2.1)	(2.0)	(25.31)	(12.44)
E46021	0.63	0.59	66,300	107,000
	(2.1)	(1.9)	(30.06)	(14.79)
E46022	0.63	0.61	76,800	124,000
	(2.1)	(2.0)	(34.82)	(17.14)

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)

