

Guy Wire Vibration Dampers Stockbridge Type—2200 Series



The 2200 series guy wire dampers have been designed to dampen the wind-induced motion of guy wires. They were originally developed for the guy wires on United States Military navigation towers.

Aeolian vibration is a high frequency motion that can occur when a smooth, steady crosswind blows on aerial cables. Aeolian vibration can cause loosening of bolted connections and wear at the guy wire joints. With the proper placement of AFL guy wire dampers, aeolian vibration damage can be eliminated.

Features

Engineered Performance

The guy wire damper features a specially designed hinged clamp with Belleville washers which provides maximum clamping area over the guy wire while maintaining a sufficient clamping force. The combination of these two features keeps the damper from "walking down" the wire.

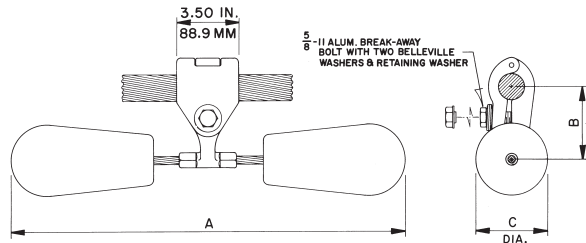
No Special Tools Needed with Breakaway Bolt Option

With the breakaway bolt, no special tools or torque wrench is needed. Simply tighten the bolt until the head shears off. This means proper torque has been achieved.

Damper Recommendations

For specific application requirements, contact the AFL Technical Support Team at 1.800.866.7385.

Guy Wire Vibration Dampers Stockbridge Type—2200 Series (cont.)



Ordering Instructions

Determine Conductor Diameter

Select guy wire damper catalog number based on the diameter of the conductor being used.

AFL NO.	CONDUCTOR DIAMETER RANGE				DAMPER WEIGHT NUMBER	DIMENSIONS						WEIGHT	
	MIN		MAX			A		B		C		LBS	KG
	IN	MM	IN	MM		IN	MM	IN	MM	IN	MM		
2202	0.438	11.1	0.500	12.7	1702	12.50	318	3.00	76	2.25	57	7.1	3.22
2203	0.562	14.3	0.625	15.9	1702	12.50	318	3.00	76	2.25	57	7.1	3.22
2204	0.688	17.5	0.750	19.1	1704	13.50	343	3.00	76	2.5	64	8.1	3.67
2205	0.812	20.6	0.875	22.2	1705	16.00	406	4.00	102	2.78	71	12.3	5.58
2206	0.938	23.8	0.970	24.6	1705	16.00	406	4.00	102	2.78	71	12.2	5.53
2207	0.971	24.7	1.000	25.4	1706	15.00	381	4.00	102	3.25	83	15.7	7.12
2208	1.062	27.0	1.125	28.6	1706	15.00	381	4.00	102	3.25	83	15.6	7.08
2209	1.188	30.2	1.210	30.7	1706	15.75	400	4.12	105	3.25	83	15.9	7.21
2210	1.211	30.8	1.250	31.8	1707	20.25	514	4.12	105	3.5	89	22.2	10.07
2211	1.312	33.3	1.375	34.9	1707	20.25	514	4.12	105	3.5	89	22.1	10.02
2212	1.438	36.5	1.500	38.1	1708	22.50	572	4.12	105	4.12	105	31.2	14.15
2213	1.562	39.7	1.625	41.3	1708	22.50	572	4.50	114	4.12	105	31.9	14.47
2214	1.688	42.9	1.750	44.5	1708	22.50	572	4.50	114	4.75	105	31.9	14.47
2215	1.812	46.0	1.875	47.6	1709	24.50	622	4.50	114	4.75	121	35.0	15.88
2216	1.938	49.2	2.000	50.8	1709	24.50	622	4.50	114	4.75	121	35.0	15.88
2217	2.062	52.4	2.125	54.0	1709	24.50	622	4.50	114	4.75	121	35.5	161.00
2218	2.188	55.6	2.250	57.2	1709	24.50	622	4.50	114	4.75	121	35.5	16.10
2219	2.312	58.7	2.375	60.3	1709	24.50	622	4.50	114	4.75	121	35.4	16.06
2220	2.438	61.9	2.500	63.5	1709	24.50	622	4.75	121	4.75	121	36.1	16.37
2221	2.562	65.1	2.625	66.7	1709	24.50	622	4.75	121	4.75	121	36.0	16.33
2222	2.688	68.3	2.750	69.9	1709	24.50	622	4.75	121	4.75	121	35.8	16.24
2223	2.812	71.4	2.875	73.0	1709	24.50	622	5.00	127	4.75	121	36.7	16.65
2224	2.938	74.6	3.000	76.2	1709	24.50	622	5.00	127	4.75	121	36.6	16.60
2225	3.062	77.8	3.125	79.4	1709	24.50	622	5.00	127	4.75	121	36.4	16.51
2226	3.188	81.0	3.250	82.6	1709	24.50	622	5.25	133	4.75	121	36.9	16.74
2227	3.312	84.1	3.375	85.7	1709	24.50	622	5.25	133	4.75	121	36.7	16.65
2228	3.438	87.3	3.500	88.9	1709	24.50	622	5.25	133	4.75	121	36.5	16.56
2229	3.562	90.5	3.625	92.1	1709	24.50	622	5.50	140	4.75	121	37.1	16.83
2230	3.688	93.7	3.750	95.3	1709	24.50	622	5.50	140	4.75	121	37.0	16.78
2231	3.812	96.8	3.875	98.4	1709	24.50	622	5.50	140	4.75	121	36.8	16.69

Note:

All guy wire dampers come standard with breakaway bolts.