

CUSHION-GRIP[®] Suspension

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

CUSHION-GRIP Suspensions are intended for use on all aluminum based conductors, and are designed to reduce the static and dynamic stresses at the support point so that the conductor is protected against the effects of oscillations. The conductor is cushioned by field proven, integral elastomer inserts, which guard against abrasion, wear, and fatigue.

Features

- No loose parts - all fasteners are captive and factory installed
- Simple labor-saving installation without the need for armor rods
- Internal cushions minimizes conductor bending stresses at critical entry locations
- Compatible with standard attachment hardware
- Easy hot stick application
- Designed for EHV Applications

Documentation

Application Procedures

[SP-2935-11 \(CUSHION-GRIP[®] Suspension\)](#)

Catalog Pages

[CUSHION-GRIP[®] Suspension - Catalog](#)

Sales Materials

[CUSHION-GRIP[®] Suspension & Support - Sell Sheet](#)

Aeolian Vibration Report Catalog

[Aeolian Vibration Basics](#)

Reports & Manuals

[Transmission Line Repair Manual](#)

Part Tables

Catalog Number	Conductor Range Inches (mm)		Nominal Conductor Size	Height Inches (mm)	Width Inches (mm)		Length Inches (mm)	Weight Pounds (kg)	Standard Carton Quantity	Vertical Load Limit
	Min	Max			Min	Max				
CGS-1095	0.312 (7.9)	0.608 (15.4)	5/16" – 4/0	4.85 (123)	0.80 (9)	1.20 (30)	6.5 (165)	2.5 (1.1 kg)	10 units	15,000 lbs. (67 kN)
CGS-1096	0.609 (15.5)	0.883 (22.4)	266.8 – 477	5.30 (135)	3.30 (84)	3.85 (98)	6.85 (169)	4.00 (1.8)	3 units	
CGS-1097	0.884 (22.5)	1.196 (30.4)	556.5 – 954	6.00 (152)	3.30 (84)	3.85 (98)	7.55 (192)	5.5 (2.5)	3 units	25,000 lbs. (111 kN)
CGS-1098	1.197 (30.4)	1.545 (39.2)	1033.5 – 1590	6.25 (159)	3.30 (84)	3.85 (98)	8.60 (218)	6.7 (3.0)	3 units	
CGS-1120	1.546 (39.2)	1.569 (39.8)								
CGS-1121	1.570 (39.8)	1.639 (41.6)	1780; 84/19							
CGS-1122	1.640 (41.7)	1.707 (43.3)								
CGS-1123	1.708 (43.4)	1.771 (45.0)	2156; 84/19 & 72/7	7.60 (183)	3.90 (99.8)	4.40 (111.8)	9.20 (234)	9.5 (4.3)	3 units	30,000 lbs. (136kN)
CGS-1124	1.772 (45.0)	1.833 (46.5)	2312; 76/19							
CGS-1125	1.934 (46.6)	1.892 (48.0)								
CGS-1126	1.893 (48.1)	1.948 (49.5)								
CGS-1127	1.949 (49.5)	2.001 (50.8)								

NOTES: For high temperature (HT) version, add HT to the catalog number (Example - CGS - 1110-HT).

Add CE, YC, or SE to catalog number to include Clevis Eye, Y-Clevis Eye or Socket Eye (Examples: CGS1110SE or CGS-1110HTSE).

For bolt, nut & cotter pin in place of pin, add BNK to catalog number (EXAMPLES: CGS-1110-BNK, CGS-1110HTBNK)

Videos

CUSHION-GRIP® Suspension - Installation Video

CUSHION-GRIP® Suspension - Hot Stick Installation