# **DOGBONE®** Vibration Damper

Weight: 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm

Phone: 123456789 - Email: name@yourdomain.com

## **Description**

The **DOGBONE Vibration Damper** is designed to eliminate conductor fatigue damage and line maintenance costs by effectively diminishing aeolian vibration. The messenger cable and unique "dog bone" shape of the masses are designed to achieve optimal energy dissipation for minimal clamp movement.

#### **Features**

- Due to the many parameters involved and the exhaustive tests conducted, please contact PLP to calculate optimum damper placements and quantities.
- The messenger cable The 19 strand messenger cable provides greater energy dissipation at small amplitudes of flexure.
- The damper attachment clamp It provides adequate slip strength without imposing excessive clamping pressure on the conductor.
- Capable of being installed by hand or using live line installation techniques without the need to disassemble the clamp.

Documentation
Application Procedures

SP-3086 (Dogbone Vibration Damper)

**Catalog Pages** 

<u>Dogbone Vibration Damper - Catalog</u>

**Sales Materials** 

## **Aeolian Vibration Report Catalog**

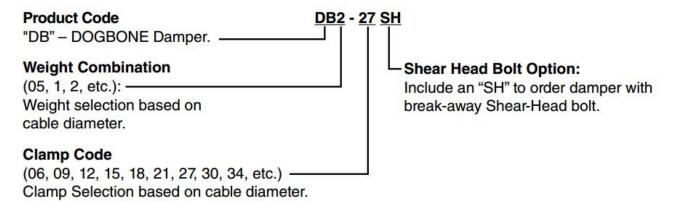
## **Aeolian Vibration Basics**

### **Part Tables**

To correctly find the proper DOGBONE® Damper for your application, follow the key below.

## DOGBONE DAMPER

Catalog Number Selection:



| Catalog<br>Number | Range         |               | Overall Length |     | Clamp, Keeper and<br>Bolts Weight |     | Weight per<br>Mass |     |
|-------------------|---------------|---------------|----------------|-----|-----------------------------------|-----|--------------------|-----|
|                   | inches        | mm            | inches         | mm  | lb                                | kg  | lb                 | kg  |
| DB05-06           | 0.250 - 0.370 | 6.35 - 9.40   | 14.2           | 362 | 0.41                              | 0.2 | 1.1                | 0.5 |
| DB05-09           | 0.371 - 0.490 | 9.42 - 12.45  | 14.2           | 362 | 0.44                              | 0.2 | 1.1                | 0.5 |
| DB05-12           | 0.491 - 0.600 | 12.47 - 15.24 | 14.7           | 375 | 0.44                              | 0.2 | 1.1                | 0.5 |
| DB05-15           | 0.601 - 0.710 | 15.27 - 18.03 | 14.7           | 375 | 0.44                              | 0.2 | 1.1                | 0.5 |
| DB1-15            | 0.601 - 0.710 | 15.26 - 18.03 | 16.4           | 417 | 0.44                              | 0.2 | 2.2                | 1.0 |
| DB1-18            | 0.711 - 0.860 | 18.06 - 21.84 | 16.4           | 417 | 0.66                              | 0.3 | 2.2                | 1.0 |
| DB1-21            | 0.861 - 0.950 | 21.87 - 24.13 | 16.4           | 417 | 0.88                              | 0.4 | 2.2                | 1.0 |
| DB2-27            | 1.091 - 1.210 | 27.71 - 30.73 | 18.8           | 478 | 1.32                              | 0.6 | 4.4                | 2.0 |
| DB2-30            | 1.211 - 1.330 | 30.75 - 33.78 | 18.8           | 478 | 1.32                              | 0.6 | 4.4                | 2.0 |
| DB2-34            | 1.331 - 1.486 | 33.81 - 37.74 | 18.8           | 478 | 1.54                              | 0.7 | 4.4                | 2.0 |