

Vibration Damper, Stockbridge

By FARGO
Catalog # 607051011



Fargo® 4-R stockbridge vibration dampers effectively prevent fatigue damage to conductor and static wires caused by wind-induced aeolian vibration. The 4-R concept improves on the design of the basic Stockbridge Damper, significantly increasing the efficiency of converting wind-induced energy into heat. The improved design employs unequal weights on messengers of unequal length. This configuration doubles the number of resonant peaks from two generated by the old-style Stockbridge Damper to four in the improved Fargo® 4-R. These additional resonant peaks create an envelope of dynamic response that protects the conductor through the entire range of dangerous vibration frequencies.

Features

- Bare Conductor/Cable Diameter Range 0.439 - 0.858 in (11.2 - 21.9mm), Conductor/Cable Diameter Over Armor Rods Range 0.524 - 0.865 in (13.3 - 22.0mm)
- Clamp Bolt Torque 25 ft-lb
- To specify Torque Head/Break Away bolt option, add suffix "O" to catalog number.
- Galvanized steel messenger cable
- Weights are given a corrosion-resistant finish and have smooth surfaces and rounded edges to eliminate possible corona discharge.
- The bolted clamp permits easy installation on a wide range of conductor sizes. Aluminum clamping bolt ensure that damper clamp remains tight as conductor temperature changes with current load cycling.

General

Bolt Installation Torque (Recommended)	25 ft-lbs
Catalog Number	607051011
Material - Clamp	Aluminum
Material - Hardware	Aluminum
Style	4R Stockbridge Damper
UPC	096359252191

Dimensions

Clamping - Maximum	0.858 in
Clamping - Minimum	0.439 in
Diameter - Bolt	0.5 in
Dimensions	16.2 in x 1.7 in x 4.6 in
Height	4.6 in
Length	16.2 in
Weight	4.6 lb
Width	1.7 in

Electrical Ratings

Voltage Application	Standard Voltage/EHV
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Conductor Related

Clamping Range	0.439- 0.858
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Logistics

Pallet Quantity	168
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Product Assets

[Catalogs - Transmission Connectors Catalog - Full](#)
[Sales Drawings - F63140-00](#)
[Specifications - 607051011](#)