

# GFM-1018 Series

## Construction

The GFM-1018 series dampers are made of elastomers with high mechanical properties and elevated damping, allowing to reach a transmissibility at resonance between 4.0 and 5.0 according with loads and input levels

The mechanical parts are made of stainless steel  
 From their mounting will depend their characteristics  
 Either they will be placed with load application in compression and angle of 45° between both Radial axis (fig.1) or with a corner mounting (fig.2) enabling a more isotropic insulation  
 Approximate weight of damper: 1,3 grams

## Codification

The reference to be indicated for these dampers is as:  
 GFM-1018-xx;  
 [xx] corresponding to the index of load like indicate on graph

## Characteristics

Like fig.2, the axial vertical axis to radial longitudinal frequency ratio is about 0.8 (radial stiffer than axial)  
 The axial vertical to radial transversal frequency ratio is about 1.5 (radial smother than axial)  
 The Q factor is less than 5.0 and could be less than 4.0 on specific requirement  
 It is recommended to apply the load in axial compression  
 The maximum admissible input level is about ± 0.8mm at his resonance frequency  
 The maximum static load is about 0.035 Kg per damper  
 The operative temperature range is from -55°C to +150°C

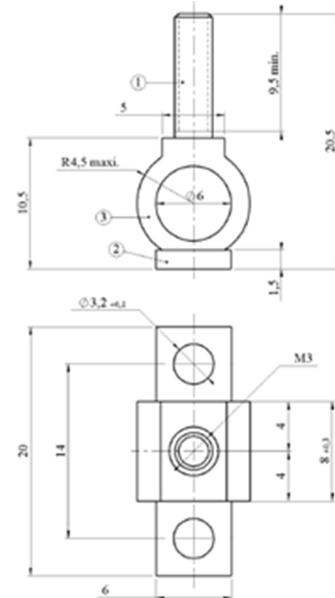
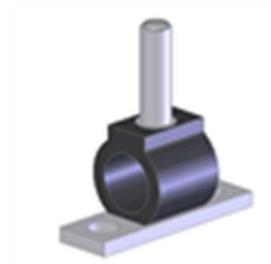
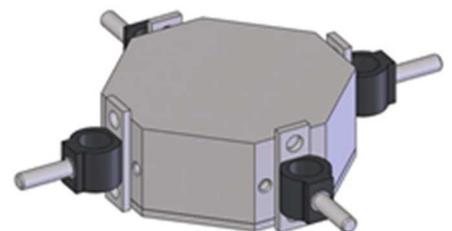


Fig.1  
 Angle between Shear Transverse and Shear longitudinal is 45°



Fig.2  
 Vertical axis in Shear longitudinal direction both other direction with a 45° angle



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