

GFM-1009 Series

Construction

The GFM-1009 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
 They are specially recommended for very small loads where you need low frequency also
 They are generally mounted like fig.1, enabling a more isotropic insulation
 Approximate weight of damper: 6 grams

Codification

The reference to be indicated for these dampers is like follows: GFM-1009-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

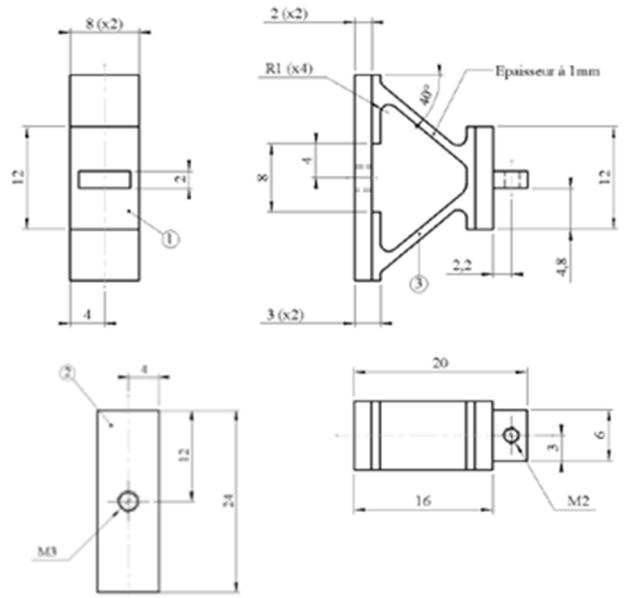


Fig. 1

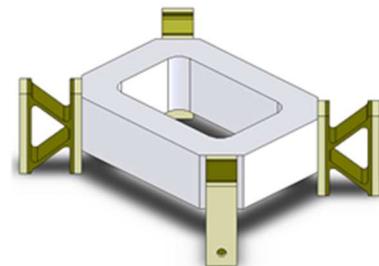
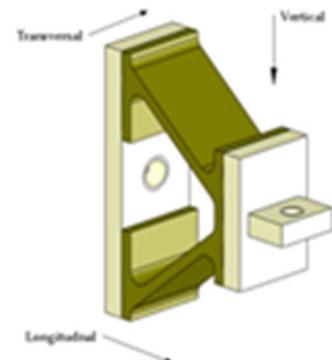


Fig. 2



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