

428-GS Series

Construction

The 428-GS-dampers are issue from the standard 992-GS, by changing the metal box and plate, in order to have larger fixing holes on the base. All other behaviours and performances are absolutely the same for both references, the rubber materials are even the same for each index of load

They are made of stainless steel for metal parts and elastic rubber elements, mounted at opposite in order to allow an all attitude working possibility, with near to the same behaviour in all positions

Their construction is fail-safe

Approximate weight of damper : 110 grams

Applications

These isolators are suitable for insulation of sensitive equipment on carrier or at fixed stations, with a good isolation at 15Hz under high stress, specially they are adapted for helicopters applications

This mounts satisfy the requirements of standards GAM EG 13 B and MIL STD 810 F

Codification

The reference to be indicated for these dampers is at follows :

428-GS-[xx]

[xx] corresponding to the index of load range

Particular achievements with specific load range can be proposed, for any request, consult our engineering departments

Features

The static load can be applied in all directions

The resonance frequencies under levels defined by MIL STD 810F for helicopters applications are about 12Hz, for unit loads like given in following table :

428-GS-01	428-GS-02	428-GS-03	428-GS-04	428-GS-05	428-GS-06
1,0 Kg	1,4 Kg	1,6 Kg	1,9 Kg	2,4 Kg	2,9 Kg

The resonance amplification factor is less than 4

The axial to radial frequency factor is 0.95

They are able to withstand to high level shocks like half sine pulse 40g-11ms

The operational temperature range is -55°C to +150°C

