

3G4 Series

Construction

The 3G4 series dampers are made of stainless steel metal parts and elastic rubber elements mounted at opposite in order to allow an all attitude working possibility, with almost 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 20 Hz under high dynamic input

Codification

The reference to be indicated for these dampers is at follows :
3G4-AN-[xx], 3G4-AF-[xx] or 3G4-AS-[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

Characteristics

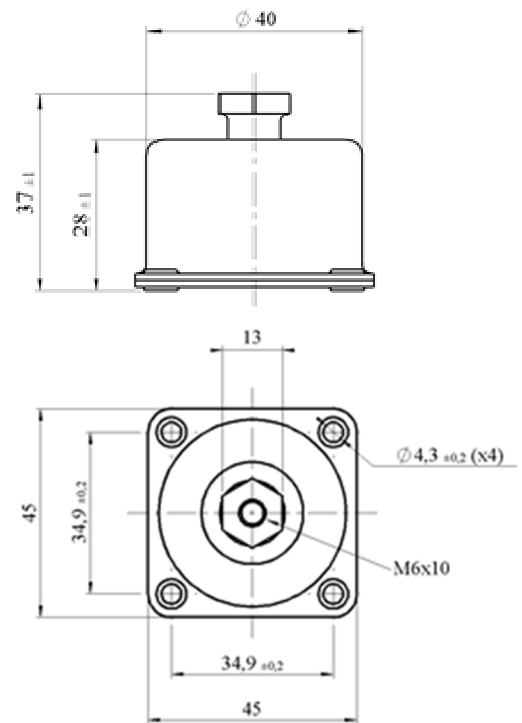
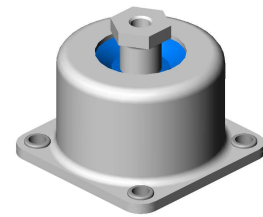
Three different executions are making the complete range of 3G4 series, differentiated by nature of used rubber or by type of elastic component.
The Shelf life is of 8 Years in normal conditions (NF-L-17-103) for “-AN” item and 10 Years in normal conditions (NF-L-17-103) for Items in Silicon rubber “-AS” & “-AF”

The characteristics are as following :

P/N	Maximum input level	Load range	Q factor	Axial to radial behavior	Temperature range
3G4-AN	+/- 0,8mm	2 to 16 Kg	< 8	1,05	-30°C to +80°C
3G4-AS	+/- 1,5mm	1,5 to 12 Kg	< 5	1,0	-55°C to +150°C
3G4-AF	+/- 1,2mm	3,6 to 78 Kg	< 8	1,20	-55°C to +150°C

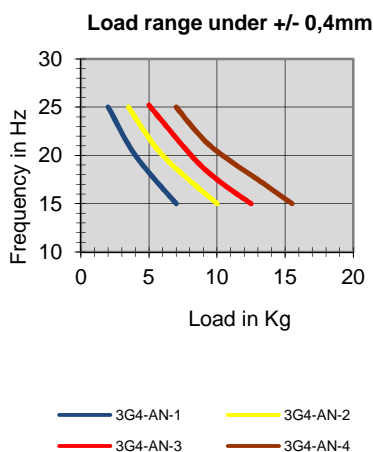
The load can be applied in all directions, the maximum loads are :

3G4-AN-1	3G4-AN-2	3G4-AN-3	3G4-AN-4	
7,0 Kg	10,0 Kg	12,5 Kg	16,0 Kg	
3G4-AS-1	3G4-AS-2	3G4-AS-3		
6,0 Kg	10,0 Kg	13,0 Kg		
3G4-AF-35	3G4-AF-55	3G4-AF-65	3G4-AF-75	3G4-AF-80
18,0 Kg	28,0 Kg	41,0 Kg	53,0 Kg	78,0 Kg

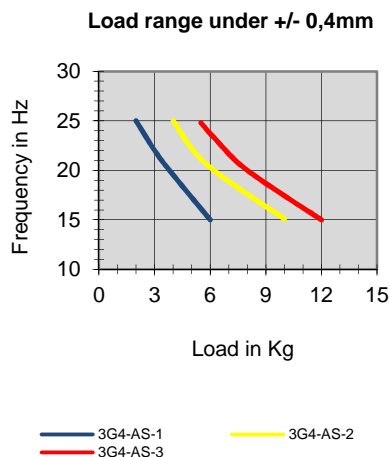


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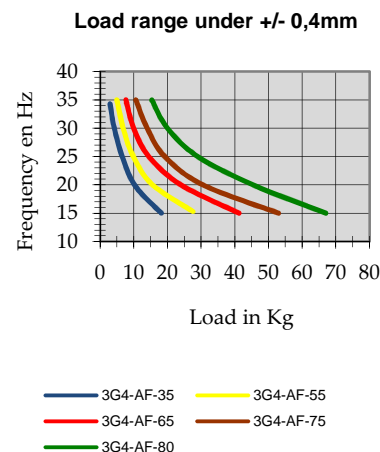
3G4-AN



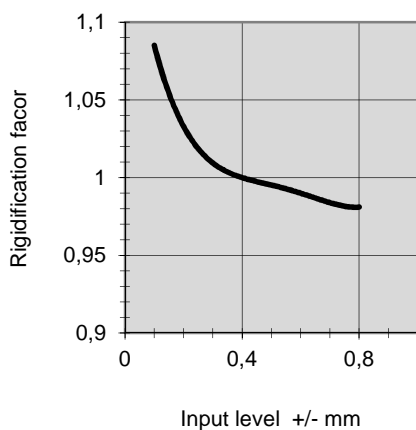
3G4-AS



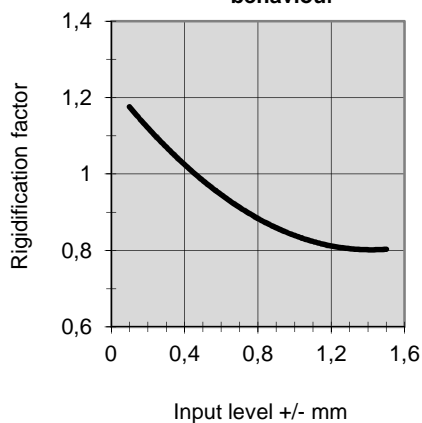
3G4-AF



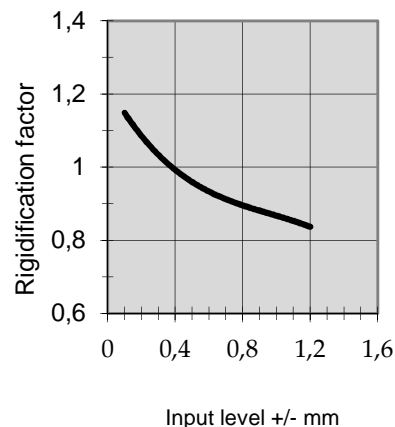
Dynamic rigidification behaviour



Dynamic rigidification behaviour



Dynamic rigidification behaviour



NATO Codification

3G4-AN-1 : 5340.14.356.1099
 3G4-AN-2 : 5340.14.400.4523