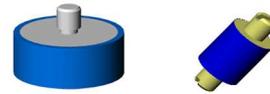


# GP Series



## Construction

The Gamma-plot series dampers are available in a lot of different variants either with different metal parts, in galvanized steel or stainless steel, either with different elastomers like neoprene, silicone for standard execution but also natural rubber, nitrile, fluorocarbon, selectable in regard of your specific requirements

They are available in 3 types of execution, but with the restrictions given in table

The execution « A » is with tapped bolts on each side

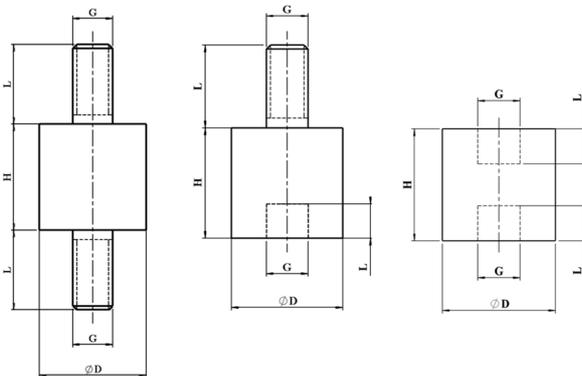
The execution « B », tapped bolt on one side and treaded hole on the other side

The execution « C » Treaded holes on each side

## Codification

The reference to be indicate is: GP 0810-B-55N-9-9-M4-I with:

- 08 : Diameter of damper
- 10 : Height of damper
- B Execution (A,B or C)
- 55 : Hardness Index of rubber
- N : Rubber identification (N ; for neoprene, S ; for silicone ; HDS ; for high damped silicone)
- 9 : length of bolt or central hole
- 9 : length of bolt or central hole
- M4 : type of tread
- I : metallic parts in stainless steel



## Applications

These isolators are perfectly suitable for realization of insulations of light equipment as relay boxes, small electronic boxes, hard disks, video recorders, electronic boards

In a reduced space, they allow to obtain very good features in vibration insulation

They could be installed in tension, shear or both cumulated effects, in order to make an isotropic insulation or to obtain specific characteristics when required. The shear mounting is preferable if possible

There is no metallic continuity and so they always assume a sound, thermal and electrical insulation

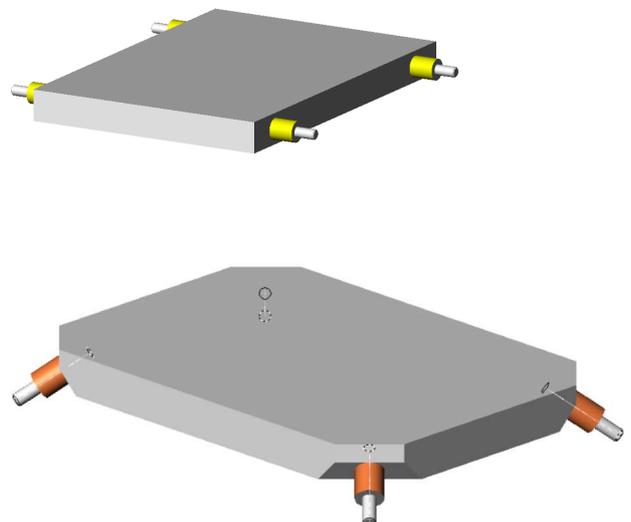
Upon request the supply with specific metallic parts or elastomers is available (Stainless steel, specific bolts, specific rubber)

## Characteristics

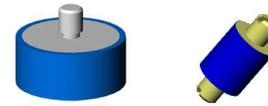
The minimum resonance frequencies are from 15 Hz

The amplification at resonance can reach values lower than 4, for execution in high damped silicone

The operative temperature range is from -55°C to +150°C for silicone executions and from -30°C to + 80°C for neoprene executions



# GP Series



## Execution in Neoprene

Ø D (mm)	H (mm)	L (mm)	G	Old P/N	Max load (Kg)		Factor Axial/Radial			Correction factor	
					Axial	Radial	A	B	C	FB/FA	FB/FC
6	7	3	M3	16861	1.0	0.5	2,3				
6	7	6+3	M3	16862	1.0	0.5	2,3				
6	7	6	M3	16863	1.0	0.5	2,3				
8	8	6	M3	16871	2.0	1.0	2,2	2,4	3,6	1,4	0,45
10	8	9	M4	16882	3.0	1.5	2,2	2,4	3,6	1,4	0,45
10	10	9	M4	16881	3.0	1.5	2,3	2,6	3,4	1,6	0,6
15	15	13	M4	25326	9.0	3.5	2,3	2,6	3,2	1,6	0,6
15	15	12	M5	16891	9.0	3.5	2,3	2,5	3,2	1,6	0,6
15	20	12	M5	16892	9.0	3.5	2,3	2,6	3,0	1,55	0,7
20	15	15	M6	16903	15.0	6.0	2,3	2,6	3,2	1,65	0,7
20	20	15	M6	16901	15.0	6.0	2,2	2,4	2,8	1,4	0,8

*Other sizes are available, please consult us*

## Execution in Silicone

Ø D (mm)	H (mm)	L (mm)	G	Old P/N	Max load (Kg)		Factor Axial/Radial			Correction factor	
					Axial	Radial	A	B	C	FB/FA	FB/FC
4	7	3	M3	656-GS	0,5	0,25	2,3	2,6		1,65	
6	6	6+3	M2,5	782-GS	1,0	0,5(±0,6mm)	2,3			1,65	
6	7	3 or 6	M3	385-GS	1,0	0,5	2,3	2,6		1,65	
6	12	3 or 6	M3	820-GS	0,8	0,4	2,3	2,6		1,65	
6	15	3 or 6	M3	571-GS	0,9	0,4	2,3	2,6		1,65	
8	6	3 or 6	M3	377-GS	1,7	0,8	2,3	2,6		1,65	
8	8	3 or 6	M3	624-GS	2,0	1,0(±0,8mm)	2,2	2,4	3,6	1,4	0,45
8	10	3 or 6	M3	716-GS	2,2	1,0	2,2	2,4	3,6	1,4	0,45
10	8	3,6,9,10	M4	838-GS	2,4	1,6	2,3	2,6	3,7	1,6	0,55
10	10	3 or 6	M4	634 GS	2,8	1,8(±1,0mm)	2,3	2,6	3,4	1,6	0,6
15	20	12	M5	780 GS	7,4	2,4	2,3	2,6		1,35	0,75

*Other sizes are available; please contact us – (max. Input level for B execution)*