

SES 2 Series

Construction

The SES 2 dampers are available in two different executions of central fastening, the one with a centre hole diameter 5,1mm, and the other with a central male thread M4. The elastic rubber components are mounted at opposite in order to allow an all attitude working possibility, with almost to the same behaviour in all positions. Their construction is fail-safe.

Approximate weight of damper : 20 grams for execution 2PL and 22 grams for 2P execution

Applications

This dampers are perfectly suitable for insulation of sensitive small equipment on board or on fixed stations. In a reduced size they are able to make a very good attenuation of disturbance already in low frequencies range, under high dynamic.

Codification

The reference to be indicated is : SES-[2AA]-[xxx]

Execution [AA] ; = PL for plain hole Ø 5,1, = P for male thread M4

[xxx] are defined in table, the first number indicate the load range, the second the resonance frequency of isolator and the third the level under which this behaviour shall be obtained.

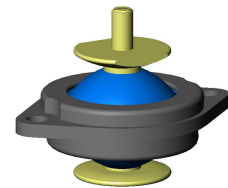
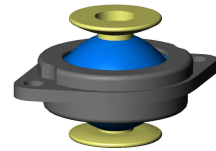
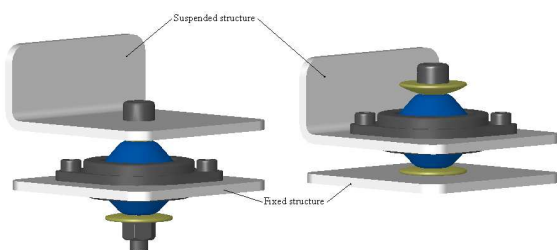
Particular achievements with specific load range can be proposed, for any request, consult our engineering departments

Nato codification:

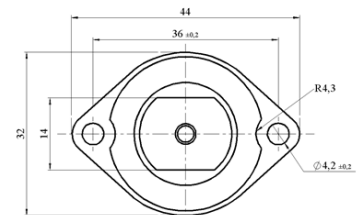
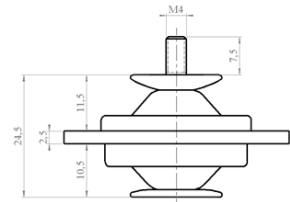
SES 2PL 314 : 5340.14.413.7609
 SES 2PL 514 : 5340.14.466.8604
 SES 2PX 142 : 5340.14.415.8502

The Shelf life is of 10 Years in normal conditions (NF-L-17-103)

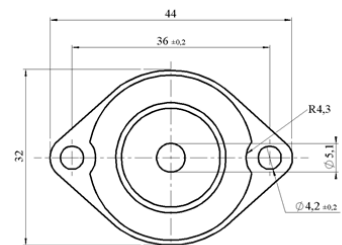
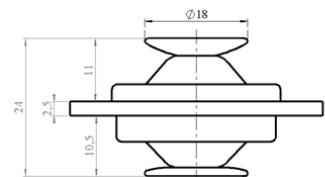
Installation principle



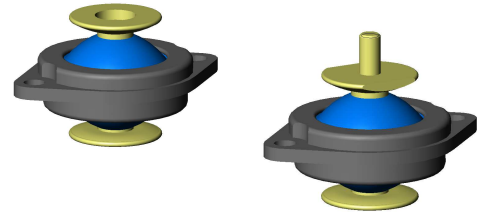
SES 2P



SES 2PL



SES 2 Series



Load Range Table:

Index	Load range in Kg	Resonance frequency in Hz	Input level in mm
1	0,7 to 0,9	10 to 13	+/- 0,3
2	0,9 to 1,1	13 to 16	+/- 0,4
3	1,1 to 1,4	16 to 19	+/- 1,0
4	1,4 to 1,7	19 to 22	+/- 1,3
5	1,7 to 2,0	22 to 25	

Example : SES 2PL-342 = Fastening by centre hole, load range from 1,1 to 1,4 kg, resonance frequency from 19 to 22 Hz for a input level of +/- 0,4mm

Beware: The table shall facilitate the codification. As the possible combinations are limited by dimensions, not all references are available, please consult us before selection

Typical dynamic rigidification behaviour

