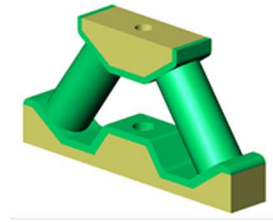


1-DGP Series

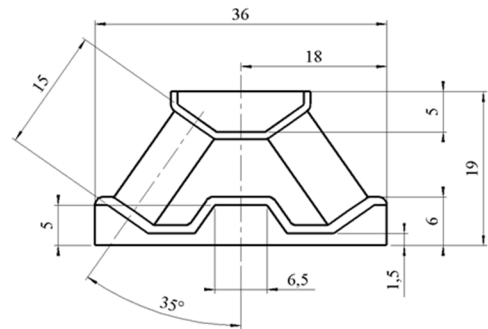
Construction

The 1-DGP series dampers are made of high mechanical properties rubbers with high damping in order to reach Q factor at resonance lower than 3, following loads and amplitudes of excitation ($Q_{max}=6$)
Approximate weight of damper: 5 grams



Applications

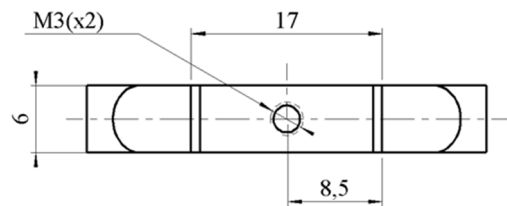
These dampers are typically used in data processing equipment appliances, disk drives, medical electronics desk-top equipment, video recorders and all small and sensitive equipments mounted on carriers or on fixed stations
In a small size they allow to obtain low frequencies behaviour under high stress



Codification

The reference to be indicated for these dampers is at follows:
1-DGP-[xx] ;
[xx] corresponding to the index of load range

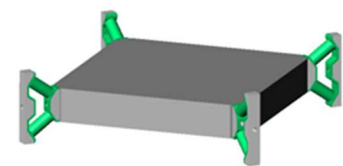
Particular achievements can be proposed, for any request, consult our engineering departments



Characteristics

In case of a typical mounting as showed in figure, their design gives a axial to radial behaviour with a frequency factor of 1,2.
Their ability to accept elongations up to 40mm allows a efficient damping of shocks

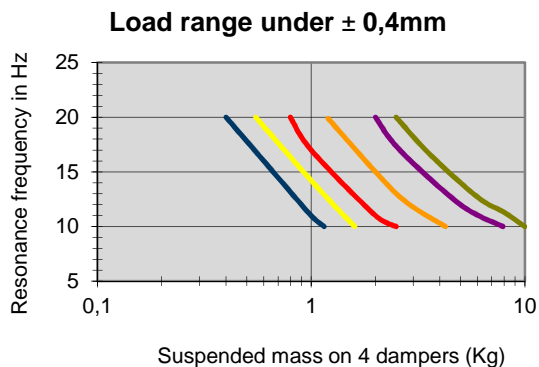
The load should be applied preferably in OZ axis (vertical as showed on mounting drawing)
The load range for suspended equipment on 4 dampers is from 0,4kg to 10,0kg
The vibration stress can reach $\pm 1,5$ mm and frequencies from 10Hz
The operative temperature range is from -55°C to +150°C for silicone made isolators, and from -20°C to +80°C for butyl made isolators



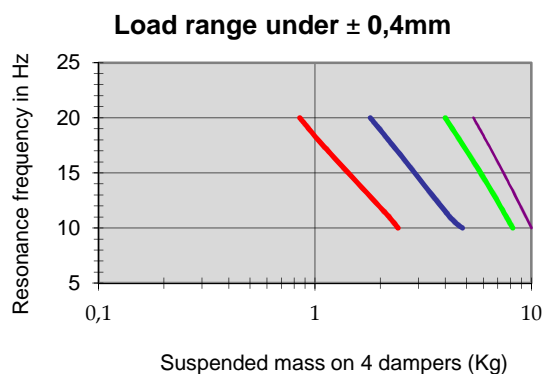
1-DGP Series

Damper in SILICONE

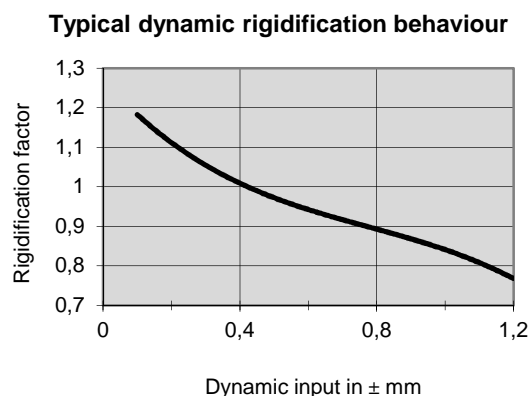
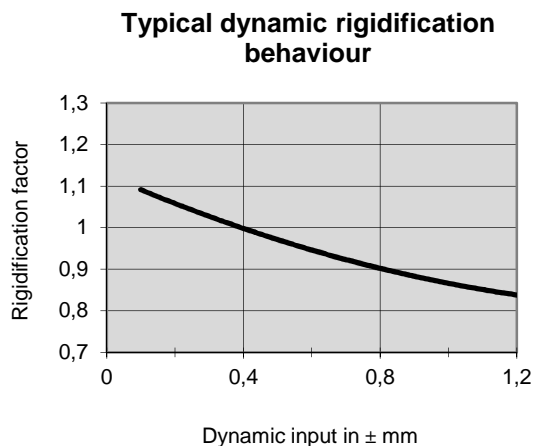
Damper in BUTYL



- 1-DGP-11 1-DGP-12
- 1-DGP-13 1-DGP-14
- 1-DGP-15 1-DGP-16



- 1-DGP-02 1-DGP-03 1-DGP-04 1-DGP-05



The max loads suitable for a insulation made with 4 dampers are :

1 DGP-11	1 DGP-12	1 DGP-13	1 DGP-14	1 DGP-15	1 DGP-16
1,1 Kg	1,6 Kg	2,5 Kg	4,2 Kg	8,0 Kg	10,0 Kg
1 DGP-02	1 DGP-03	1 DGP-04	1 DGP-05		
2,4 Kg	4,8 Kg	8,2 Kg	10,0 Kg		