VT Type 3 Acoustic Spring Hangers

Acoustic spring hangers for fixing to I-sections, designed for low-frequency vibration isolation. Loads from 5 to 150 kg per hanger.



The **AMC-MECANOCAUCHO® VT Type 3 acoustic spring hangers** are designed for the resilient suspension of **suspended ceilings, equipment and building services** requiring effective low-frequency vibration isolation.

Their design allows **direct fixing to steel I-sections**, facilitating integration with the supporting structure and simplifying installation.

Thanks to their **low vertical stiffness springs**, they provide a **low natural frequency** and effectively reduce the transmission of vibration and **structure-borne noise** to the building structure.

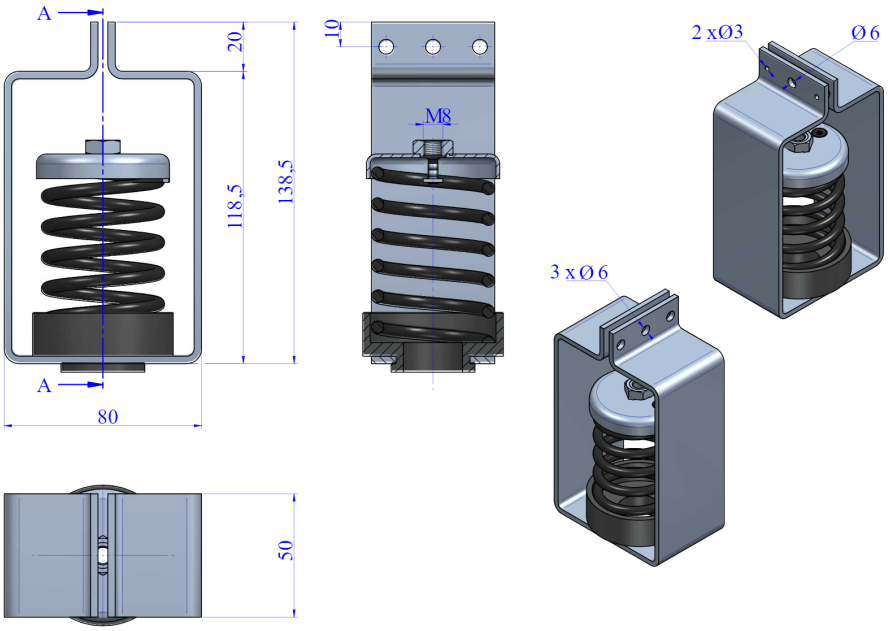
Available for **loads from 5 to 150 kg per hanger**, the VT Type 3 range allows the hanger to be selected according to the actual load of the installation for optimum vibration isolation performance.

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Drawings

VT3 25 / VT3 50 / VT3 75 / VT3 100 / VT3 125 / VT3 150

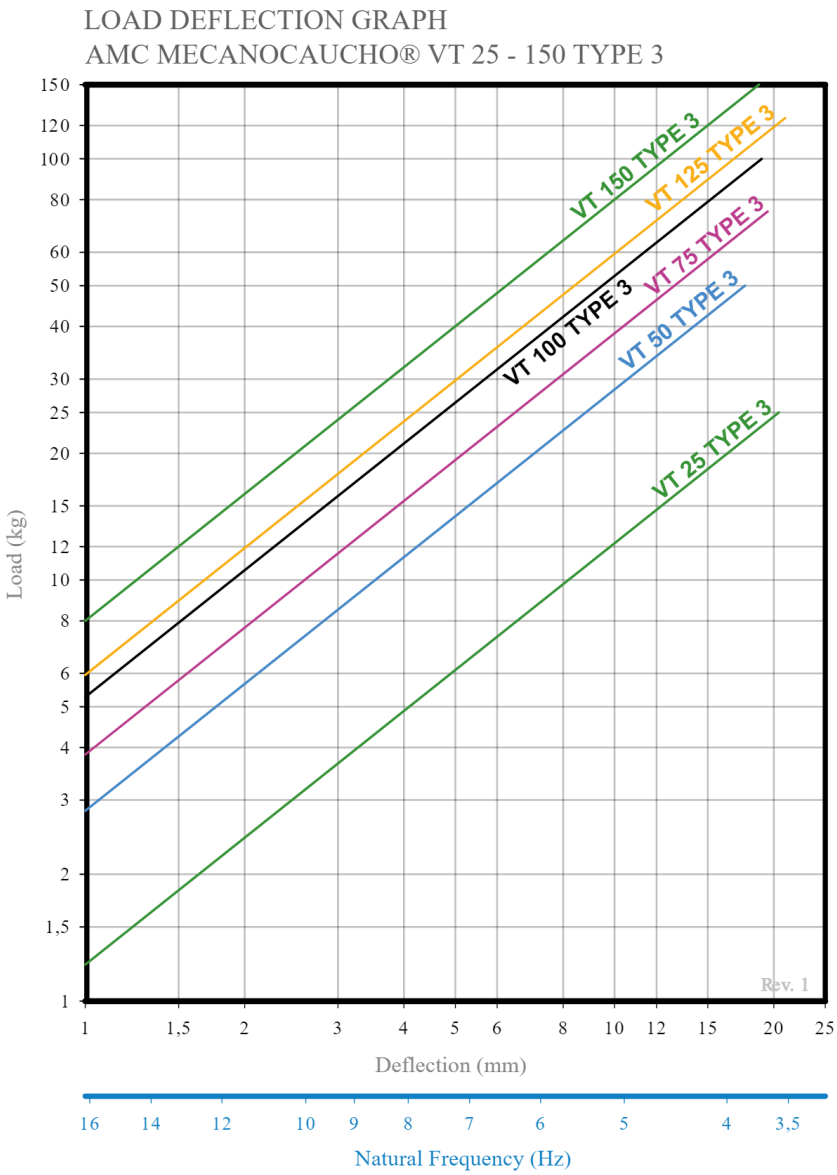


Type	Spring color	Max. Load(kg)	Code	K(N/mm)
VT3 25	BLACK	25	20218	12
VT3 50	BLUE	50	20219	28
VT3 75	GREY	75	20220	38
VT3 100	BEIGE	100	20221	52
VT3 125	WHITE	125	20222	58
VT3 150	BLACK	150	20217	79

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Elastic properties



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Technical characteristics

The VT type 3 Low natural frequency acoustic hangers are produced as standard on 6 different stiffness coil springs to suit loads per point from 5 up to 150 Kg. The natural frequency on their optimal loading point ranges below 5 Hz. These technical properties provide a high level of noise and vibration isolation on light concrete structures. Their metal parts are coated to withstand corrosive environments.

They are typically installed every 1,5 linear meter. But this feature may be tuned in order to adapt to the load or natural frequency requirement of the application.

Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

Improved isolation

It offers improved isolation compared with conventional anti-vibration mounts of similar geometry.

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