1 AMC DB Spring Isolator

Spring isolator with upper and lower Sylomer® layers, designed for broadband vibration isolation and acoustic floating floors.



The **AMC-MECANOCAUCHO® 1 AMC DB Spring Isolator** is designed for the **vibration isolation of machinery, equipment and floating floors**, combining a steel spring with **Sylomer® layers positioned above and below the isolator**.

The **highly elastic steel spring** provides effective low-frequency vibration isolation. The **Sylomer® layers** complement the spring by reducing the transmission of **mid and high frequencies that may propagate through the steel spring**, providing effective vibration isolation over a **broader frequency range**.

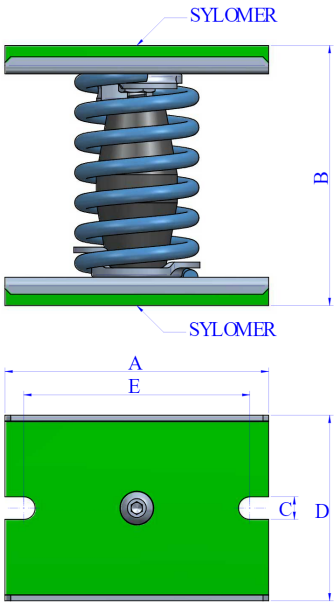
Sylomer® on both contact surfaces also provides **elastic decoupling** between the isolator and the adjoining surfaces. This configuration is particularly suitable for **acoustic floating floors, inertia bases, HVAC equipment and machinery** requiring effective isolation of structure-borne noise and vibration.

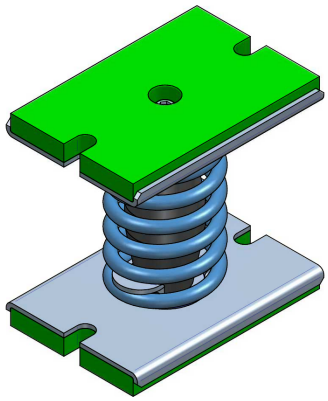
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Drawings

1 AMC + DB Sylomer®



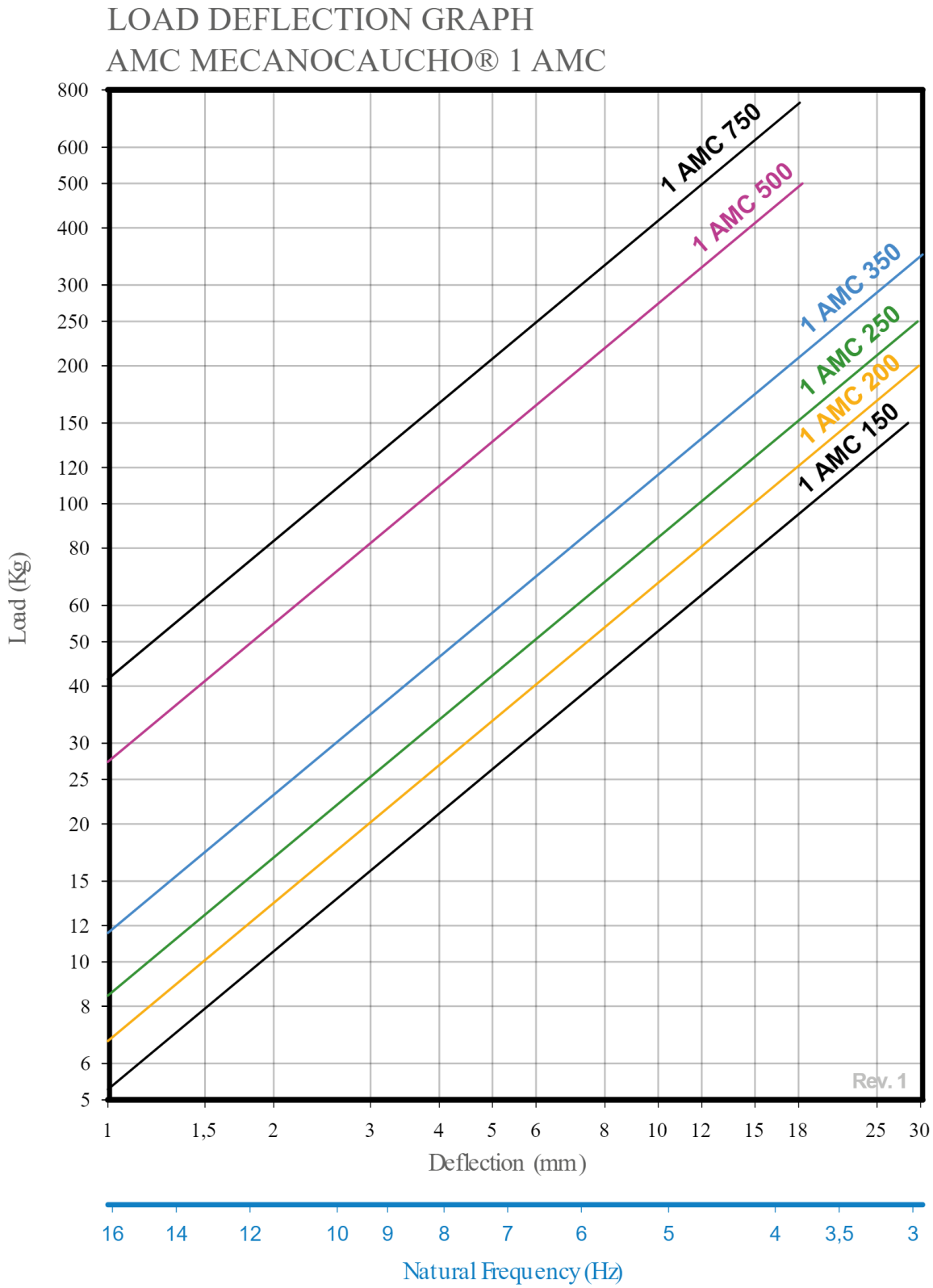


Type	Code	Spring color	Max. Load(lbs)	K(N/mm)	A(in)	B(in)	C(in)	D(in)	E(in)	Weight(lbs)
1 AMC + DB Sylomer®	20459	BLUE	331	52	5.51	5.43	0.47	3.88	4.72	4
	20520	WHITE	441	66	5.51	5.43	0.47	3.88	4.72	4
	20460	BLACK	551	83	5.51	5.43	0.47	3.88	4.72	4
	20538	CREAM	771	114	5.51	5.43	0.47	3.88	4.72	4
	20433	LIGHT GREY	1102	268	5.51	5.43	0.47	3.88	4.72	5
	20429	GREEN	1653	407	5.51	5.43	0.47	3.88	4.72	6

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Elastic properties



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Technical characteristics

- Steel spring for effective isolation of low-frequency vibrations.
- Upper and lower **Sylomer® layers** for additional isolation in the mid- and high-frequency range.
- Double elastic decoupling between the spring mount and the adjoining surfaces.
- Suitable for **machinery, HVAC equipment, inertia bases and acoustic floating floors**.
- The combination of **steel spring and Sylomer®** provides effective vibration isolation over a broad frequency range.

Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

Improved isolation

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

Incorporates Sylomer® elastomer, highly effective for isolating both high and low frequencies

Sylomer® provides high isolation across a wide frequency range and is particularly effective at high frequencies, effectively eliminating the transmission of structure-borne noise.

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