1 AMC DB Spring mount

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



The **AMC-MECANOCAUCHO® 1 AMC DB Spring mount** 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**.

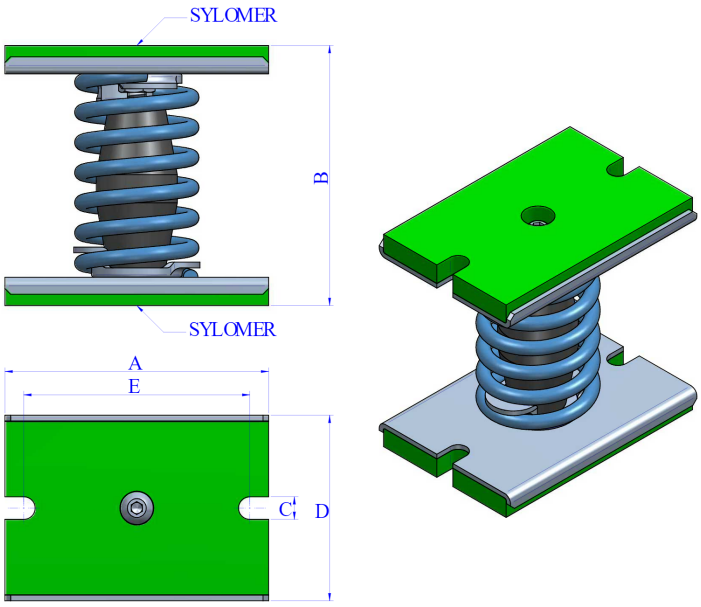
Sylomer® on both contact surfaces also provides **elastic decoupling** between the isolator and the adjoining surfaces. This configuration is particularly suitable for **acoustic floating floors, inertia bases, HVAC equipment and machinery** requiring effective isolation of structure-borne noise and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

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Drawings

1 AMC + DB Sylomer®

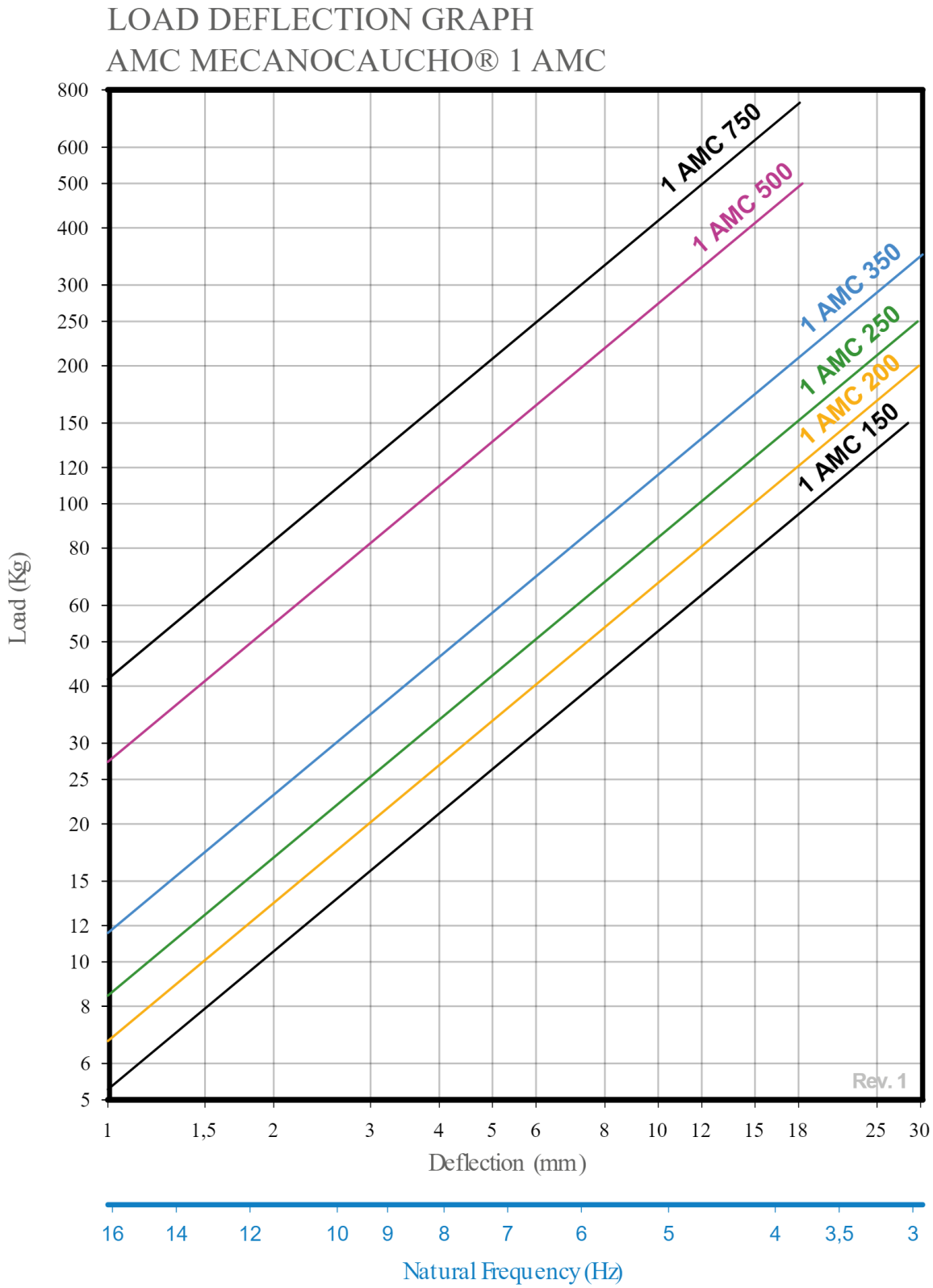


Type	Code	Spring color	Max. Load (kg)	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	Weight(kg)
1 AMC + DB Sylomer®	20459	BLUE	150	52	140	138	12	98,5	120	1.59
	20520	WHITE	200	66	140	138	12	98,5	120	1.63
	20460	BLACK	250	83	140	138	12	98,5	120	1.66
	20538	CREAM	350	114	140	138	12	98,5	120	1.84
	20433	LIGHT GREY	500	268	140	138	12	98,5	120	2.1
	20429	GREEN	750	407	140	138	12	98,5	120	2.86

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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 minimal structural modifications, making installation quick and straightforward.

Improved isolation

It offers improved isolation compared with 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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