1V-SR Spring Mount

High-capacity spring mount with Sylomer® base, offering up to 30 mm (1.2 in) static deflection and a natural frequency as low as 4 Hz.



The **AMC-MECANOCAUCHO® 1V-SR Spring Mount** is designed for the **vibration isolation of machinery and equipment with high loads**, requiring a low natural frequency and effective low-frequency vibration isolation.

With a **static deflection of up to 30 mm (1.2 in)**, the springs provide **natural frequencies as low as 4 Hz**, ensuring effective low-frequency vibration isolation.

An **integrated levelling system** facilitates height adjustment and accurate levelling of the equipment during installation.

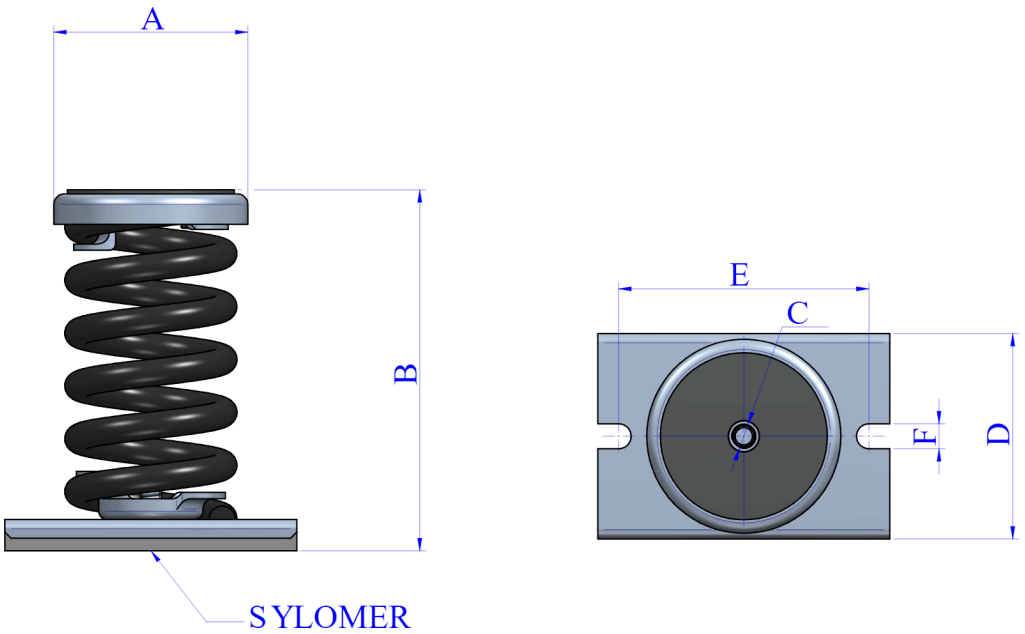
The 1V-SR Spring Mount is supplied as standard with a **Sylomer® base**, which complements the action of the spring by reducing the transmission of **mid and high frequencies that may propagate through the steel springs**. The **spring + Sylomer® combination** therefore provides effective vibration isolation over a broader frequency range.

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Drawings

1V-SR

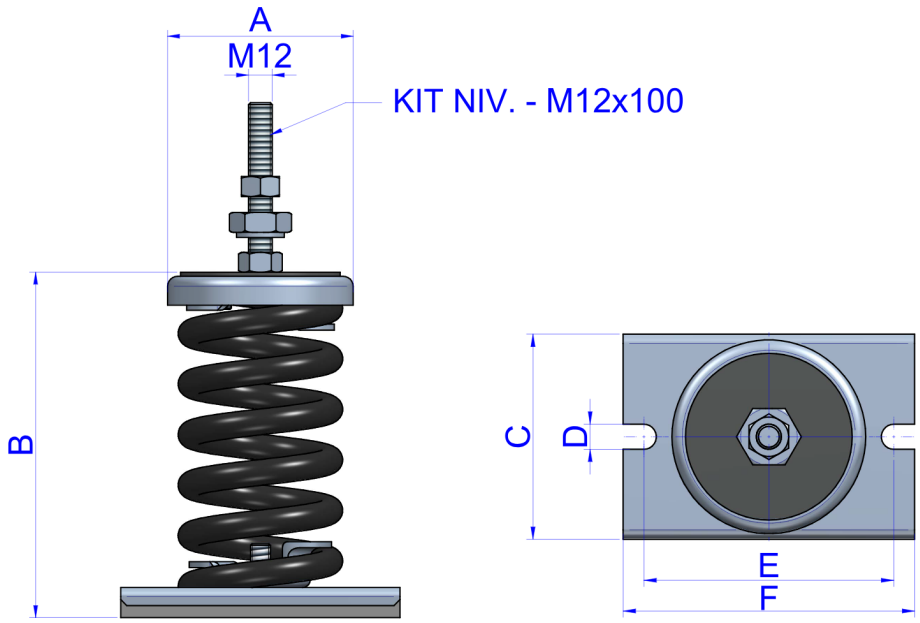


Type	Code	Max. Load (kg)	Spring color	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	Weight(kg)
1V-SR	21211	200	BLACK	64	93	173	M12	98,5	120	12	1.343
	21212	400	BLACK	134	93	173	M12	98,5	120	12	1.545
	21213	650	BLACK	181	93	173	M12	98,5	120	12	2.57
	21214	800	BLACK	267	93	173	M12	98,5	120	12	2.69
	21215	1000	BLACK	351	93	173	M12	98,5	120	12	2.94
	21216	1200	BLACK	503	93	173	M12	98,5	120	12	3

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1V-SR Kit Niv.

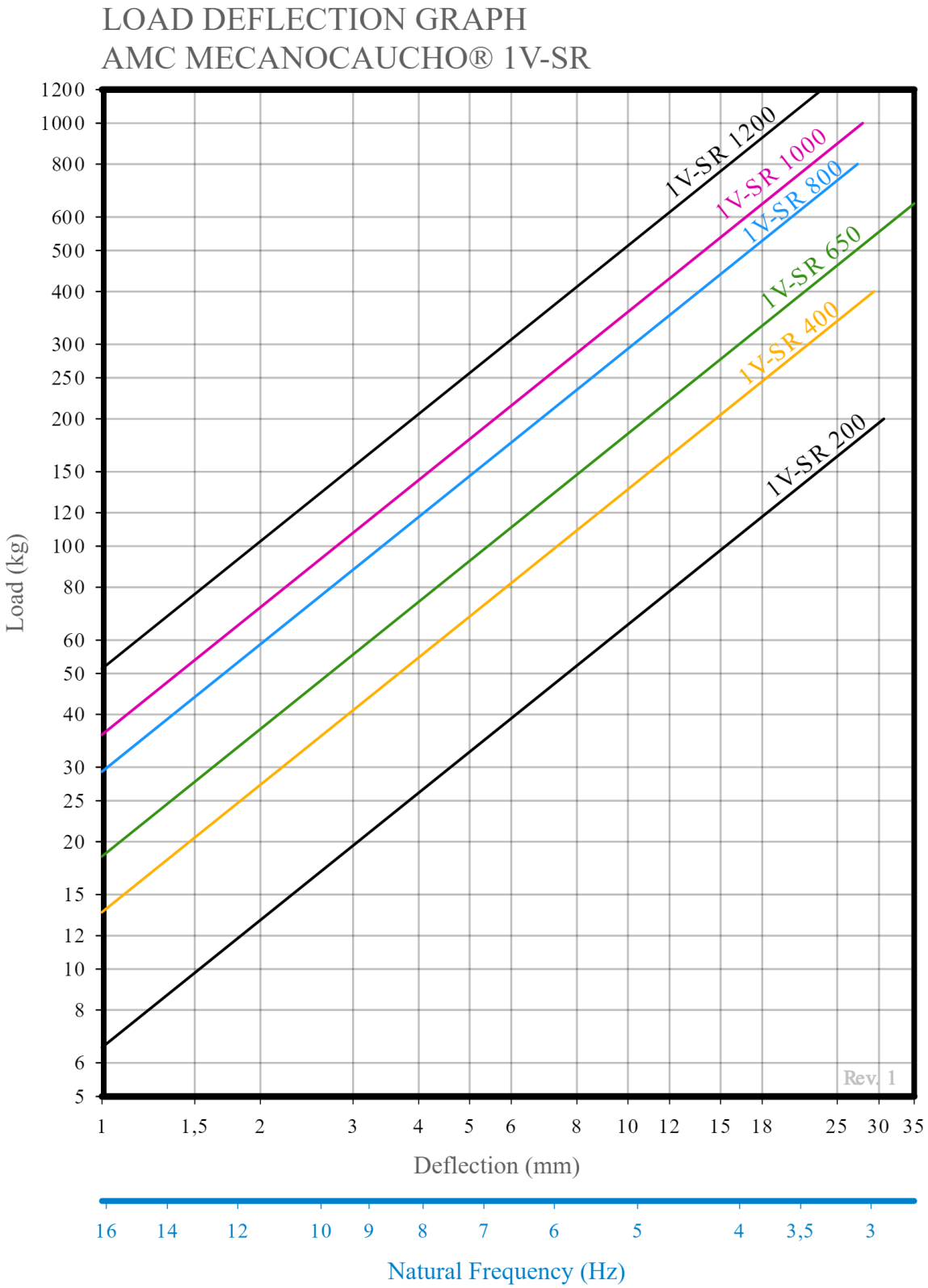


Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	Weight(kg)	Code	Max. Load(kg)	Spring color
1V-SR Kit Niv.	93	173	98,5	12	120	140	2,464	21225	200	BLACK
								21226	400	BLACK
								21227	650	BLACK
								21228	800	BLACK
								21229	1000	BLACK
								21230	1200	BLACK

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Elastic properties



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Technical characteristics

The mounts are able to reach low natural frequencies from 3 to 5 Hz. The spring combined with sylomer® is able to provide high isolation at low and medium frequencies.

The curves are showing the deflection and natural frequencies according to the load of the spring. Temperature working range from -30 to 70º. Short term higher temperatures are possible.

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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