3V-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® 3V-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 3V-SR Spring Mount is supplied as standard with a **Sylomer® base**, which complements the action of the springs by reducing the transmission of **mid and high frequencies that may propagate through the steel springs**. The **springs + Sylomer® combination** therefore provides effective vibration isolation over a broader frequency range.

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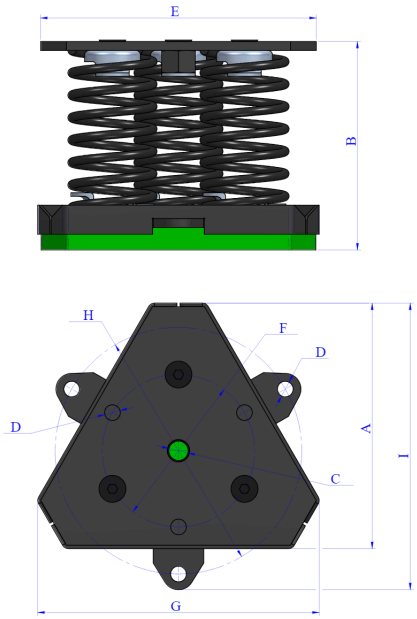
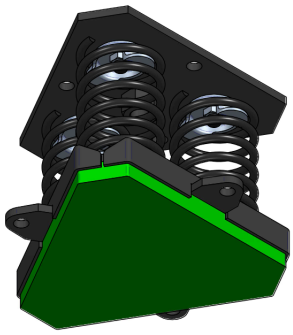
Drawings

3V-SR





Type	Code	Max. Load (kg)	Spring color	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(kg)
3V-SR	21324	600	BLACK	192	219	180	M20	14	246	136	251	220	255,7	7.3
	21325	1200	BLACK	401	219	180	M20	14	246	136	251	220	255,7	8.5
	21131	1950	BLACK	543	219	180	M20	14	246	136	251	220	255,7	7.35
	21132	2400	BLACK	862	219	180	M20	14	246	136	251	220	255,7	7.56
	21133	3000	BLACK	1053	219	180	M20	14	246	136	251	220	255,7	7.77
	21134	3600	BLACK	1510	219	180	M20	14	246	136	251	220	255,7	7.81

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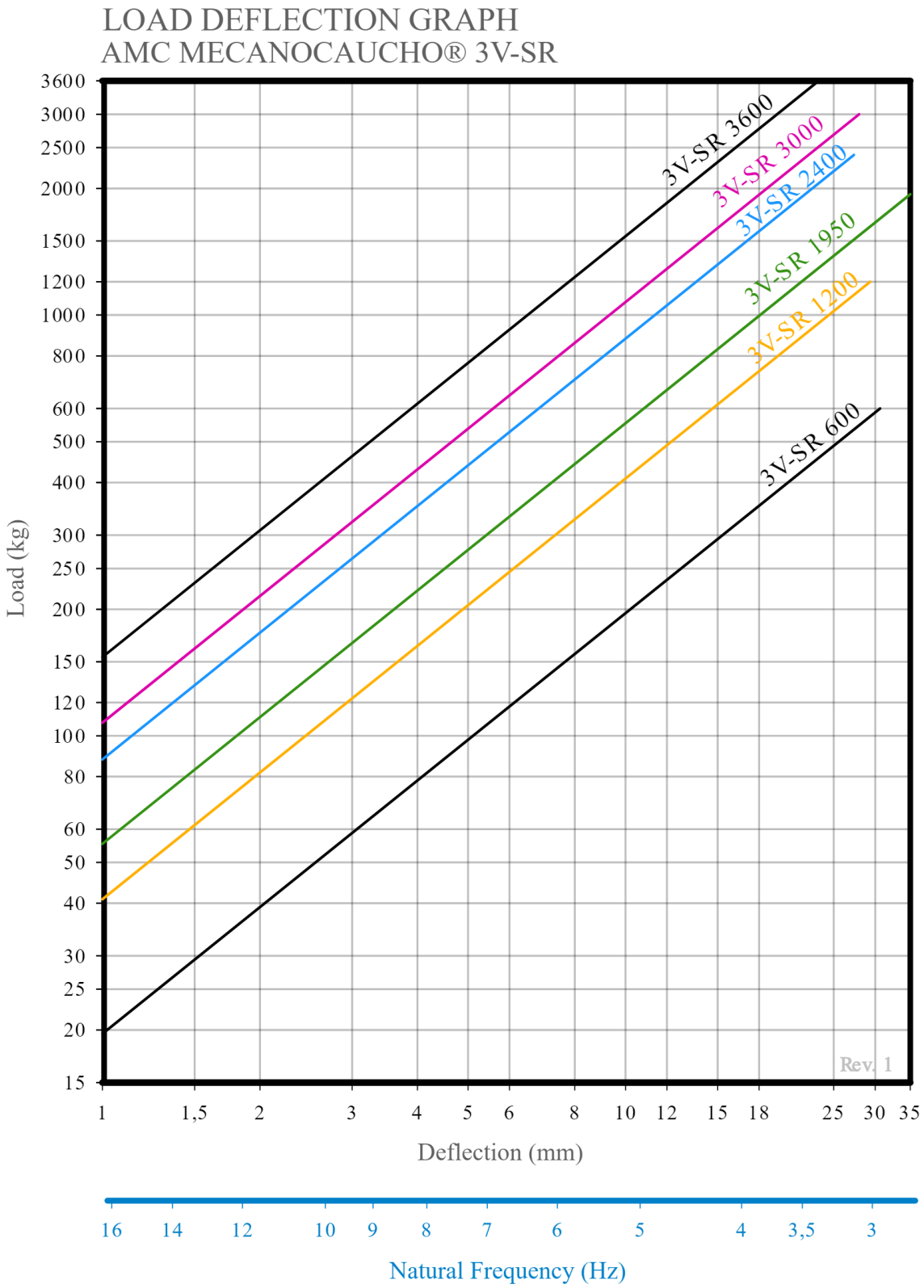
Elastic properties



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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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