

Anti-Seismic Preloaded 4V-SX Spring Mounts

Preloaded anti-seismic spring mounts with static deflection up to 76 mm (3 inches), providing a natural frequency of approximately 2 Hz.



AMC-MECANOCAUCHO® Anti-Seismic Preloaded 4V-SX Spring Mounts are designed for applications requiring **high-performance low-frequency vibration isolation**, combined with **mechanical protection under seismic conditions**.

With a **static deflection of up to 76 mm (3 inches)**, the springs provide a **natural frequency of approximately 2 Hz**, ensuring a very high level of low-frequency vibration isolation.

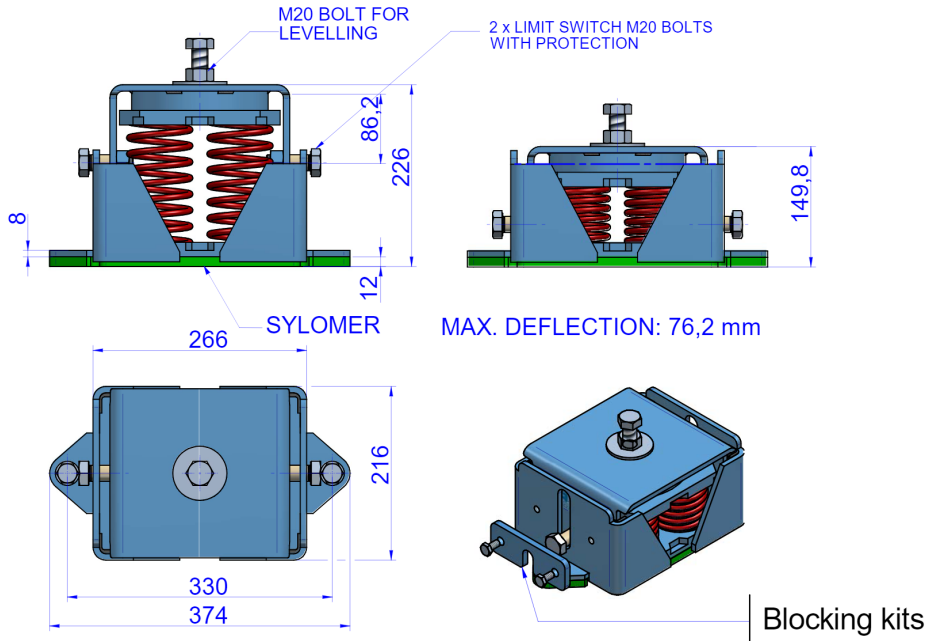
The **adjustable preload system** facilitates installation by maintaining the spring mount at a predetermined height before the equipment load is fully applied. This design helps prevent **sudden settlement of the equipment** during installation and facilitates system levelling.

A **Sylomer® layer** helps reduce the transmission of **medium- and high-frequency vibrations that may propagate through the steel springs**. The **spring + Sylomer® combination** therefore provides effective vibration isolation over a very wide frequency range.

The **integrated seismic restraint system** limits excessive equipment movement under exceptional loads, while allowing the movement required for effective vibration isolation under normal operating conditions.

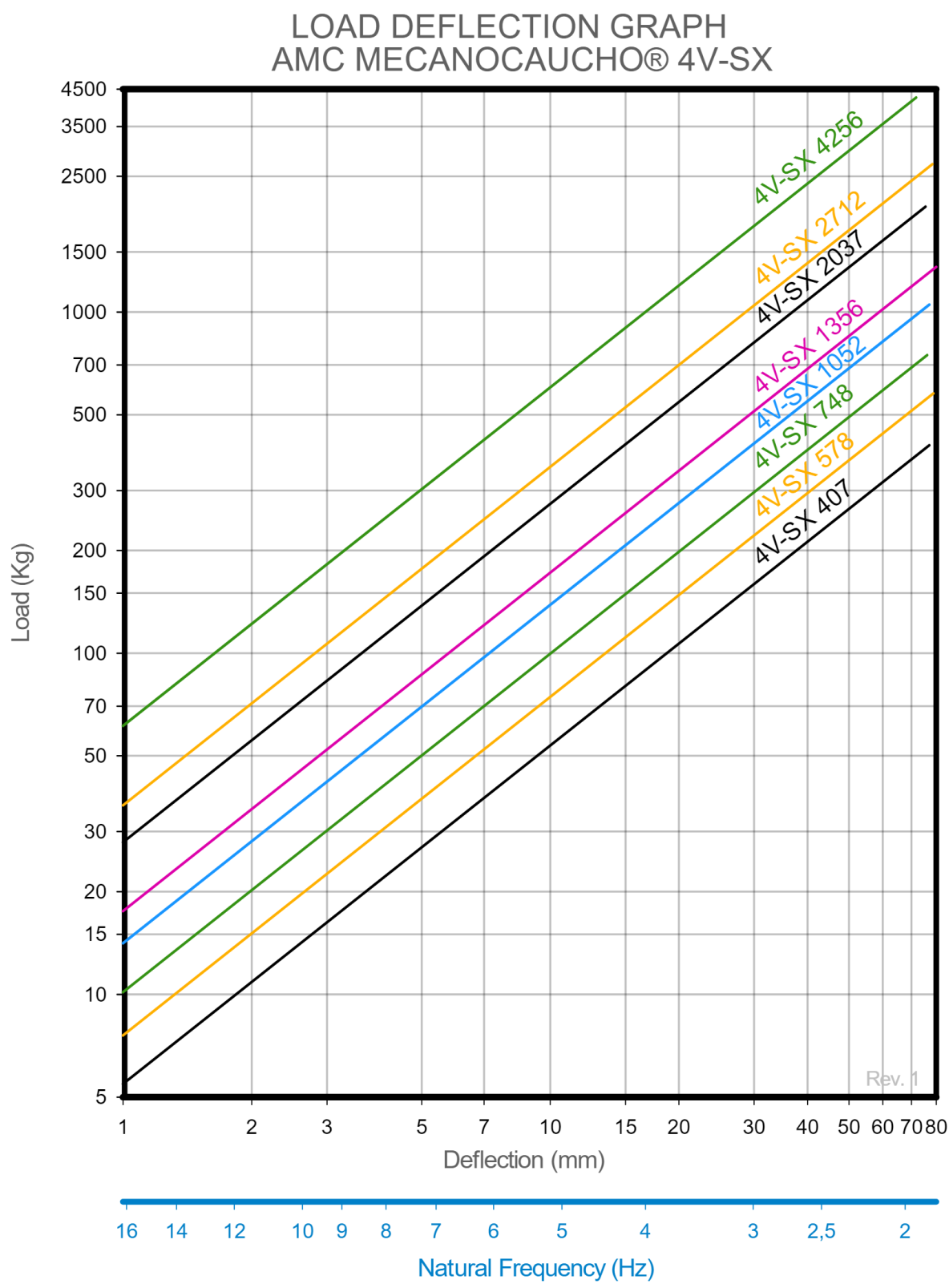
Drawings

4V-SX PRELOADABLE ANTI-SEISMIC + SYLOMER®



Type	Code	Spring color	Max. Load(kg)	K(N/mm)	Weight(kg)
4V-SX PRELOADABLE ANTI-SEISMIC + SYLOMER®	20802	BLUE	407	53,6	32
	20803	WHITE	578	74,4	32
	20804	BLACK	748	99,6	32
	20805	BEIGE	1052	138,4	32
	20806	RED	1356	172	32
	20800	GREY	2037	273,6	32
	20807	GREEN	2712	351,2	32
	20808	BROWN	4256	601,2	32

Elastic properties



Technical characteristics

- This range of supports consists of:
- A spring with high elasticity and very low natural frequency.
- An incorporated levelling system.
- An incorporated preload system.
- A Sylomer® pad under the mount base in order to isolate mid-high frequencies.



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