

9V-SR Anti-Seismic Spring Mount

Nine-spring anti-seismic mount for very high loads, with low-frequency vibration isolation, integrated seismic restraint and Sylomer® layer.



The **AMC-MECANOCAUCHO® 9V-SR Anti-Seismic Spring Mount** incorporates **nine high-deflection steel springs** and is designed for equipment requiring **very high load capacity, effective low-frequency vibration isolation** and mechanical protection under seismic conditions.

The nine-spring configuration provides a **particularly high load capacity** whilst maintaining a **low natural frequency**, effectively reducing the transmission of vibration from the equipment to the supporting structure.

A **Sylomer® layer** complements the springs by reducing the transmission of **medium and high frequencies** that may propagate through the steel springs. The combination of **springs + Sylomer®** therefore provides effective vibration isolation over a wide frequency range.

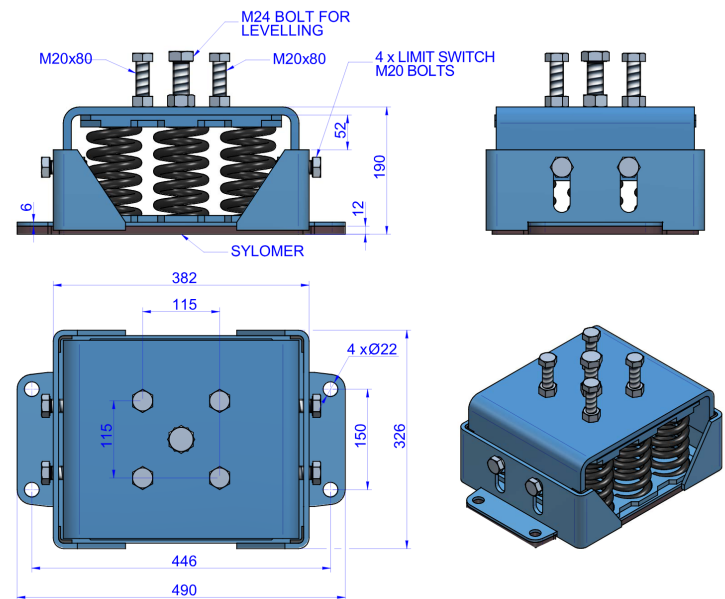
The spring mount also incorporates an **integrated levelling system** for precise equipment height adjustment and an **anti-slip rubber base**.

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

The 9V-SR range is particularly suitable for **heavy HVAC equipment, refrigeration units, air handling units, pumps, fans, compressors and high-capacity generator sets** requiring very high load capacity.

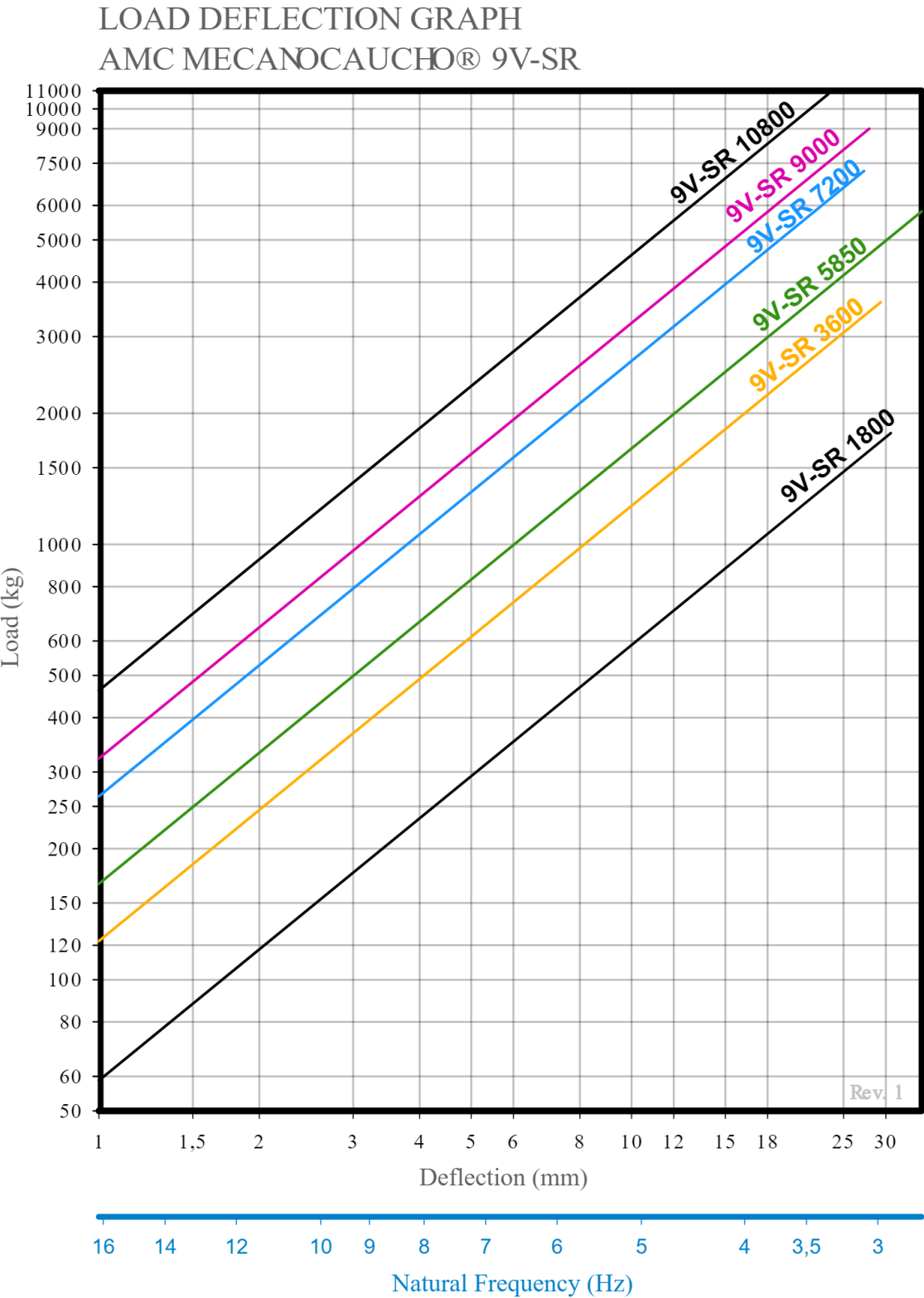
Drawings

9V-SR ANTI SEISMIC + SYLOMER



Type	Code	Max. Load(kg)	Spring color	K(N/mm)	Weight(kg)
9V-SR ANTI SEISMIC + SYLOMER	21348	1800	BLACK	576	52.267
	21349	3600	BLACK	1203	54.877
	20952	5850	BLACK	1629	54.877
	20953	7200	BLACK	2587	55.102
	20954	9000	BLACK	3160	57.847
	20955	10800	BLACK	4530	58

Elastic properties



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 70°. Short term higher temperatures are possible.



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