

6V-SR Anti-Seismic Spring Mount

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



The **AMC-MECANOCAUCHO® 6V-SR Anti-Seismic Spring Mount** incorporates **six high-deflection steel springs** and is designed for equipment requiring **high load capacity, effective low-frequency vibration isolation** and mechanical protection under seismic conditions.

The six-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.

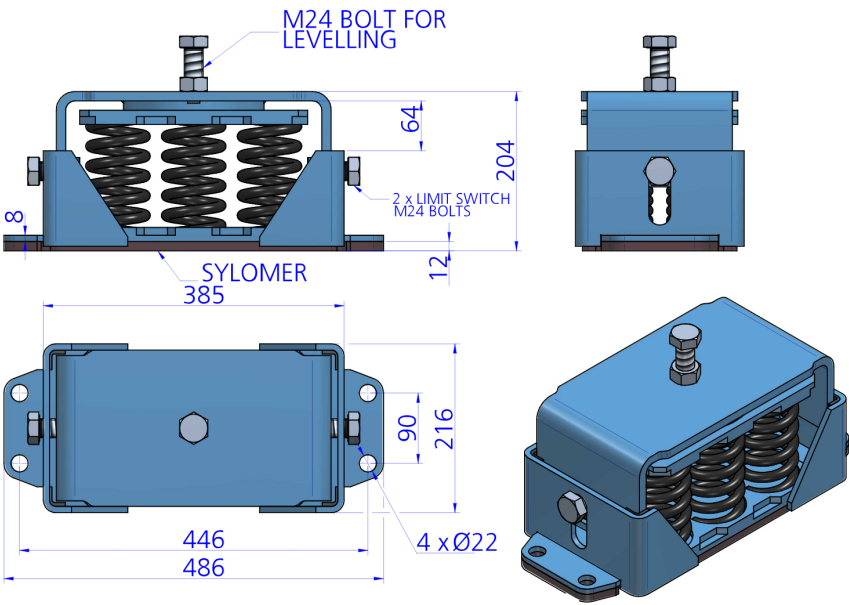
The spring mount also incorporates an **integrated levelling system** for precise equipment height adjustment and an **anti-slip rubber base**.

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 6V-SR range is particularly suitable for **heavy HVAC equipment, refrigeration units, air handling units, pumps, fans, compressors and generator sets** requiring high load capacity.

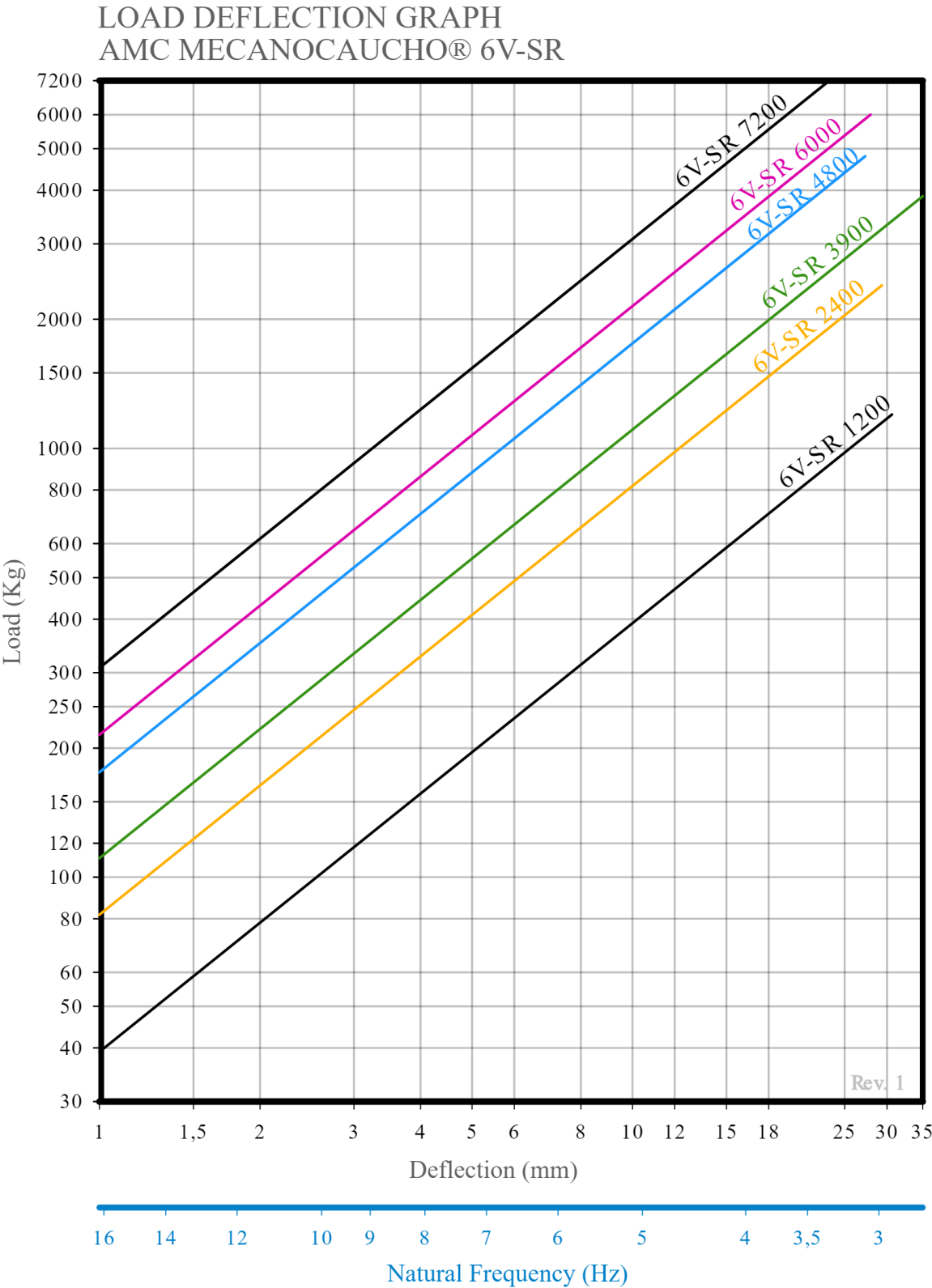
Drawings

6V-SR ANTI SEISMIC + SYLOMER



Type	Code	Max. Load(kg)	Spring color	K(N/mm)	Weight(kg)
6V-SR ANTI SEISMIC + SYLOMER	21346	1200	BLACK	384	29.272
	21347	2400	BLACK	802	31.01
	20877	3900	BLACK	1086	35.812
	20878	4800	BLACK	1724	35.962
	20879	6000	BLACK	2107	37.792
	20880	7200	BLACK	3020	38.236

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.