# 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.

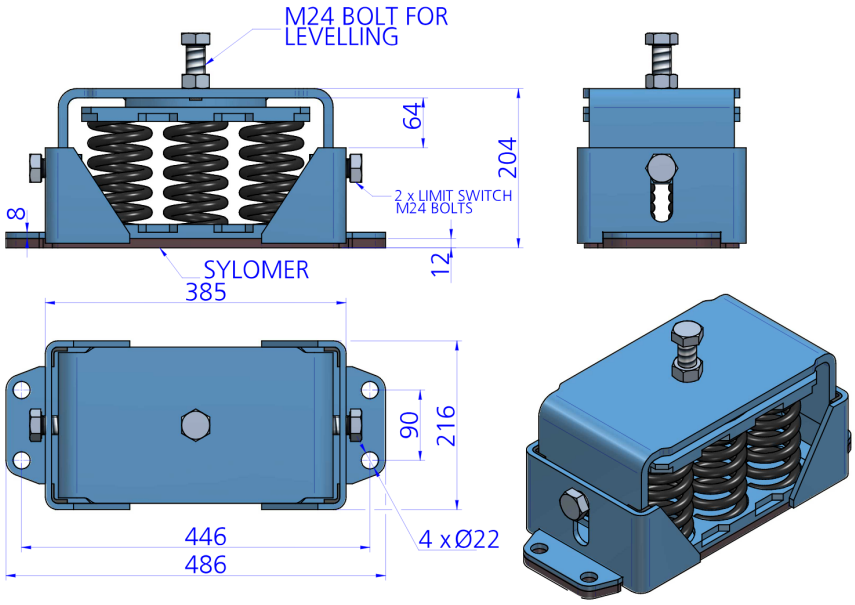
The 6V-SR range is particularly suitable for **heavy HVAC equipment, refrigeration units, air handling units, pumps, fans, compressors and generator sets** requiring high load capacity.

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# Drawings

## 6V-SR ANTI SEISMIC + SYLOMER

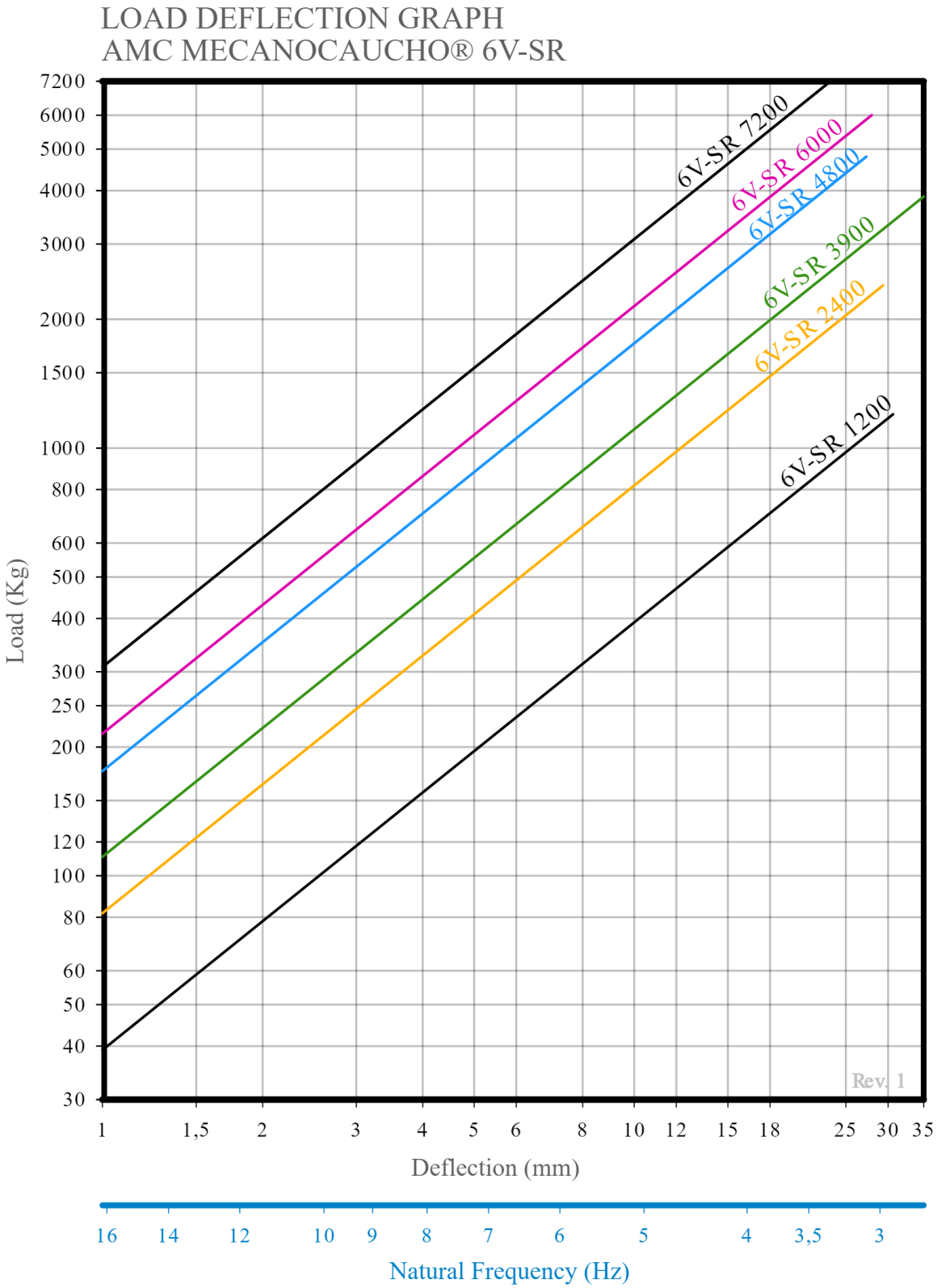



| Type | Code | Max. Load(kg) | Spring color | K(N/mm) | Weight(kg) |
|---|---|---|---|---|---|
| 6V-SR ANTI SEISMIC + SYLOMER | 21346 | 1200 | BLACK | 384 | 29.272 |
| | 21347 | 2400 | BLACK | 802 | 31.01 |
| | 20877 | 3900 | BLACK | 1086 | 35.812 |
| | 20878 | 4800 | BLACK | 1724 | 35.962 |
| | 20879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

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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.

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