# 4V-SR Anti-Seismic Spring Mount

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



The **AMC-MECANOCAUCHO® 4V-SR Anti-Seismic Spring Mount** incorporates **four 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 four-spring configuration provides a **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 extends the effective vibration isolation 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.

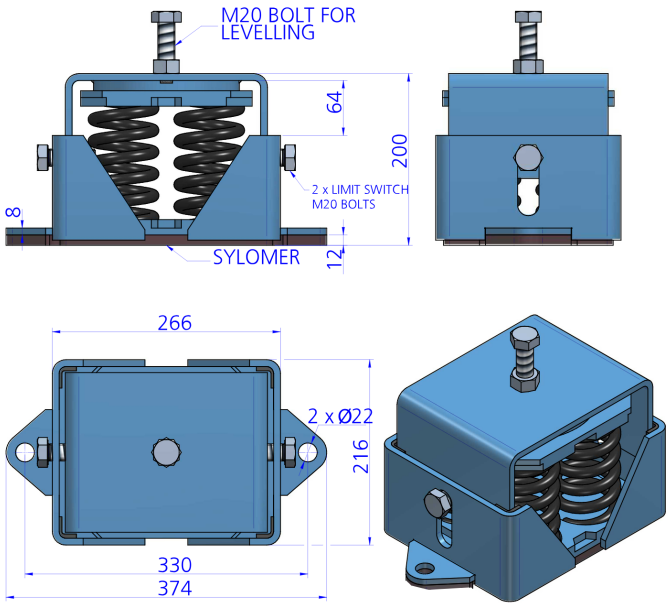
The 4V-SR range is particularly suitable for **HVAC equipment, refrigeration units, pumps, fans, compressors, generator sets and other heavy technical equipment**.

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# Drawings

## 4V-SR ANTI SEISMIC + SYLOMER

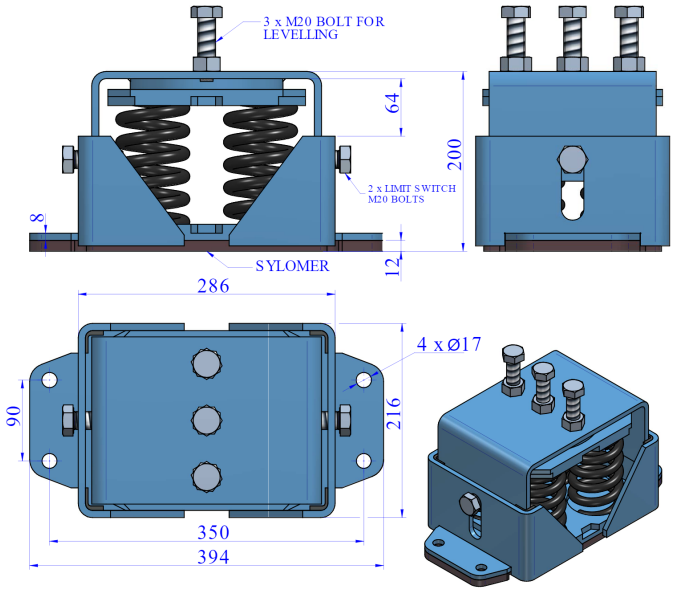



| Type | Code | Max. Load(kg) | Spring color | K(N/mm) | Weight(kg) |
|---|---|---|---|---|---|
| 4V-SR ANTI SEISMIC + SYLOMER | 21344 | 800 | BLACK | 256 | 23.4 |
| | 21345 | 1600 | BLACK | 535 | 24.5 |
| | 21141 | 2600 | BLACK | 724 | 23.733 |
| | 21142 | 3200 | BLACK | 1150 | 23.833 |
| | 21143 | 4000 | BLACK | 1404 | 27.66 |
| | 21144 | 4800 | BLACK | 2013 | 25.349 |




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# 4V-SR ANTI SEISMIC + SYLOMER 4 Holes

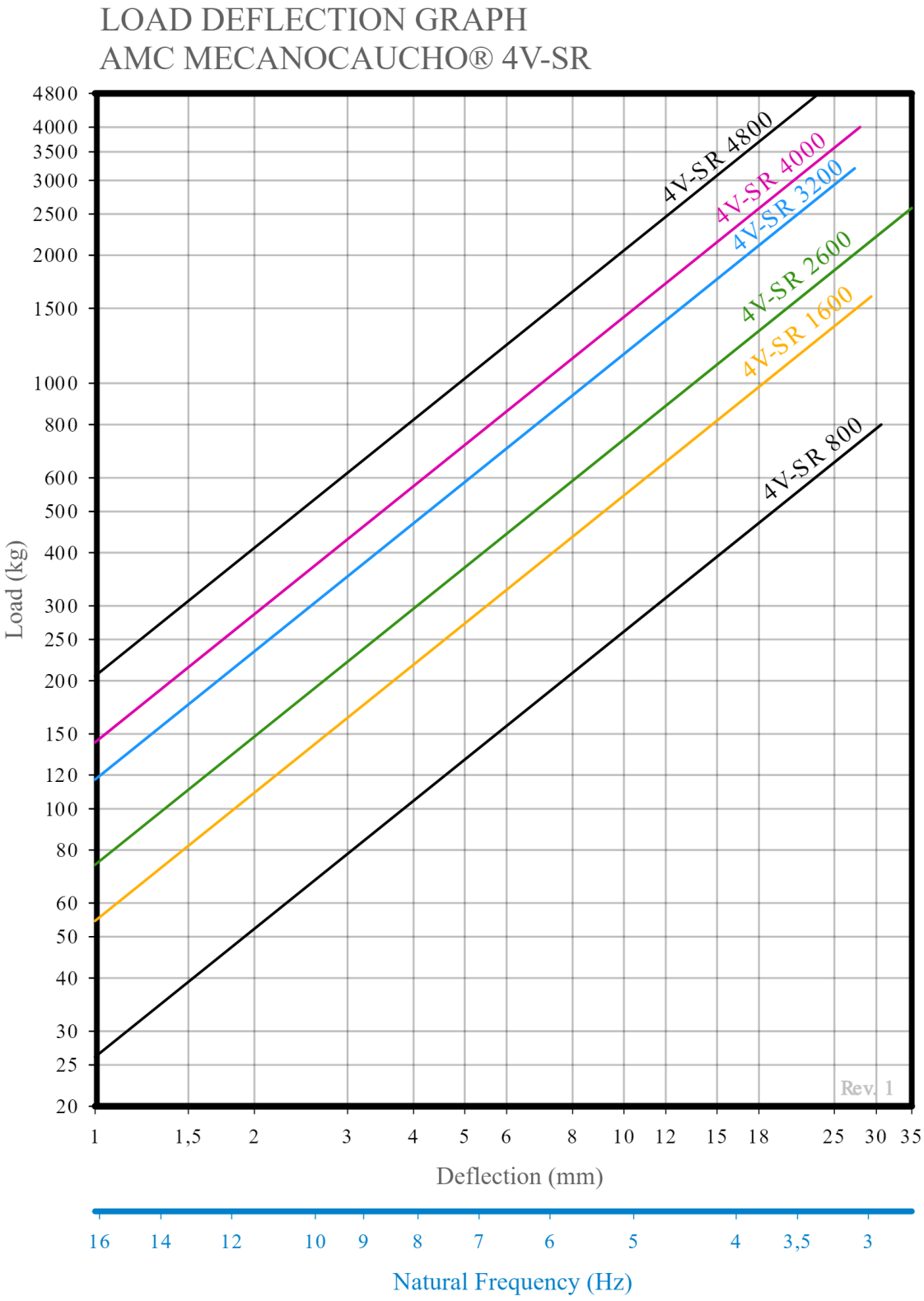



| Type | Code | Spring color | Max. Load(kg) | K(N/mm) | Weight(kg) |
|---|---|---|---|---|---|
| 4V-SR ANTI SEISMIC + SYLOMER 4 Holes | 21562 | BLACK | 800 | 256 | 30.049 |
| | 21563 | BLACK | 1600 | 535 | 31.209 |
| | 21564 | BLACK | 2600 | 724 | 34.409 |
| | 21565 | BLACK | 3200 | 1150 | 34.529 |
| | 21566 | BLACK | 4000 | 1404 | 36.129 |
| | 21567 | BLACK | 4800 | 2013 | 36.929 |

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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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