# FZH Spring + Sylomer® – Spring Jack-Up Mounts for Floating Floors

## Spring jack-up mounts with Sylomer® for floating floors. Natural frequency down to 4 Hz for high-performance low-frequency vibration isolation, without an additional supporting frame.



The **FZH Spring + Sylomer®** is a spring jack-up mount system designed for **high-performance acoustically isolated floating floors**.

By combining **steel springs with Sylomer®**, the system can achieve a **natural frequency as low as 4 Hz**, providing highly effective isolation of low-frequency vibration and **structure-borne noise**.

The mounts are integrated directly into the concrete slab, allowing the floating floor to be constructed **without an additional supporting frame**. Once the concrete has cured, the slab is raised using the integrated jacking mechanism, creating the required **resilient separation from the supporting structure**.

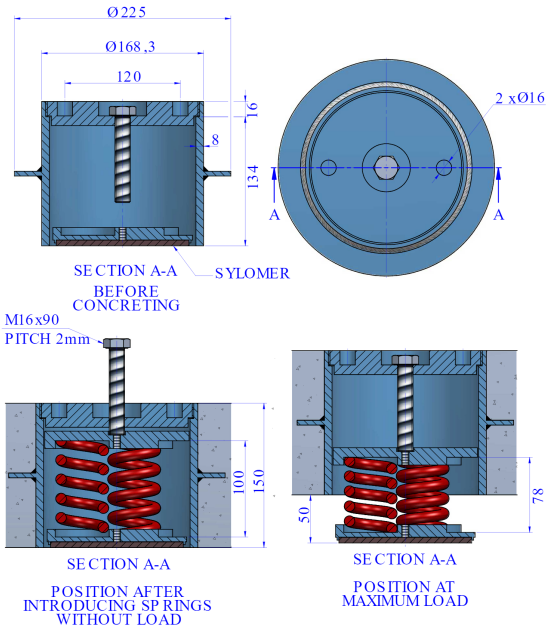
FZH Spring + Sylomer® is particularly suitable for projects with demanding vibration and acoustic isolation requirements, including **studios, auditoriums, performance venues, machinery rooms and helipads**.

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# Drawings

## FZH SPRINGS + SYLOMER

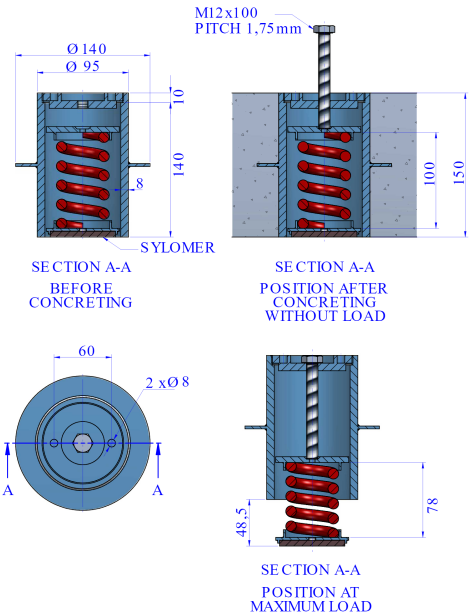



| Type | Code | Spring color | Max. Load(kg) | Spring |
|---|---|---|---|---|
| FZH SPRINGS + SYLOMER | 176004 | PURPLE | 915 | 1 AMC 915 |
| | 176005 | GREEN | 1215 | 1 AMC 1215 |
| | 176006 | GREY | 1620 | 1 AMC 1620 |
| | 176007 | WHITE | 1836 | 1 AMC 1836 |
| | 176008 | RED | 2409 | 1 AMC 2409 |

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# FZHM + sylomer®



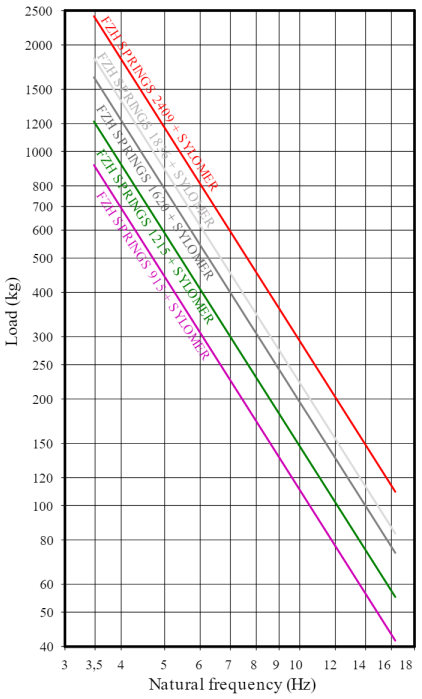

| Type | Code | Spring color | Max. Load(kg) | Spring |
|---|---|---|---|---|
| FZHM + sylomer® | 176015 | PURPLE | 305 | 1 AMC 305 |
| | 176016 | GREEN | 405 | 1 AMC 405 |
| | 176017 | GREY | 540 | 1 AMC 540 |
| | 176018 | WHITE | 612 | 1 AMC 612 |
| | 176019 | RED | 803 | 1 AMC 803 |

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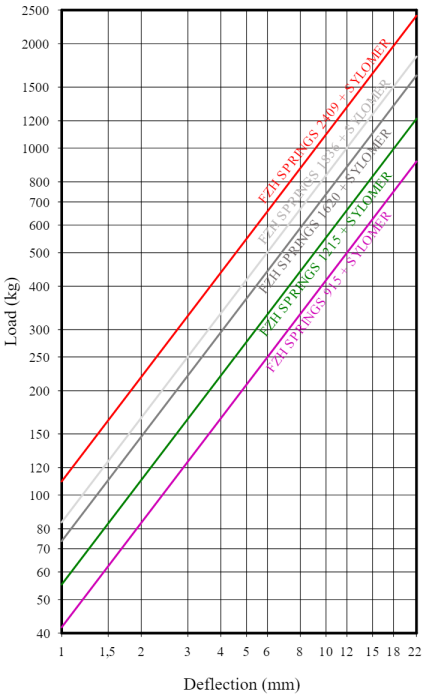
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# Elastic properties

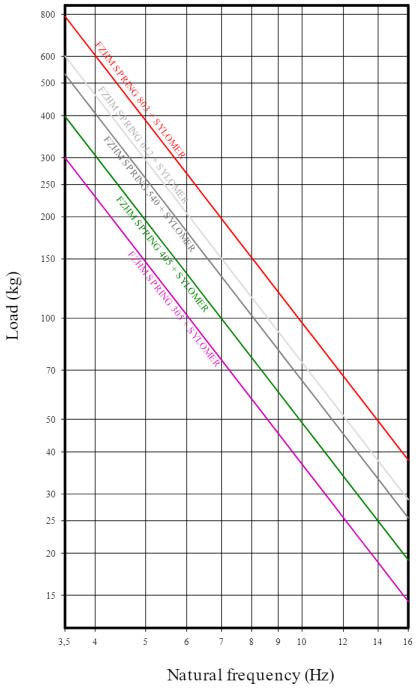
NATURAL FREQUENCY CURVES
FZH SPRINGS + SYLOMER ®



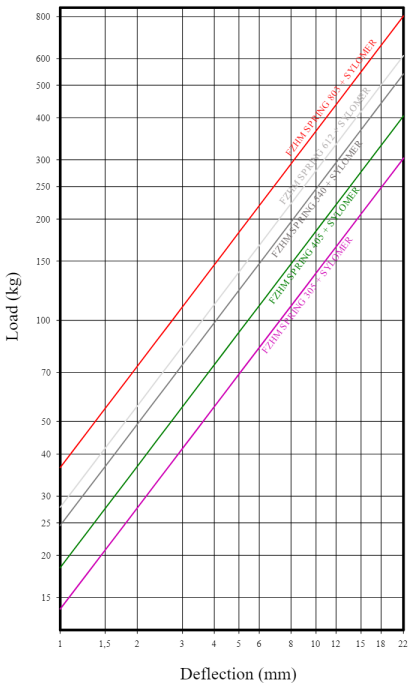

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## Advantages

### Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

### Improved isolation

It offers improved isolation compared with conventional anti-vibration mounts of similar geometry.

### Incorporates Sylomer® elastomer, highly effective for isolating both high and low frequencies

Sylomer® provides high isolation across a wide frequency range and is particularly effective at high frequencies, effectively eliminating the transmission of structure-borne noise.

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