

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

Spring jack-up mounts with Sylomer® for floating slabs. 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 concrete slabs**.

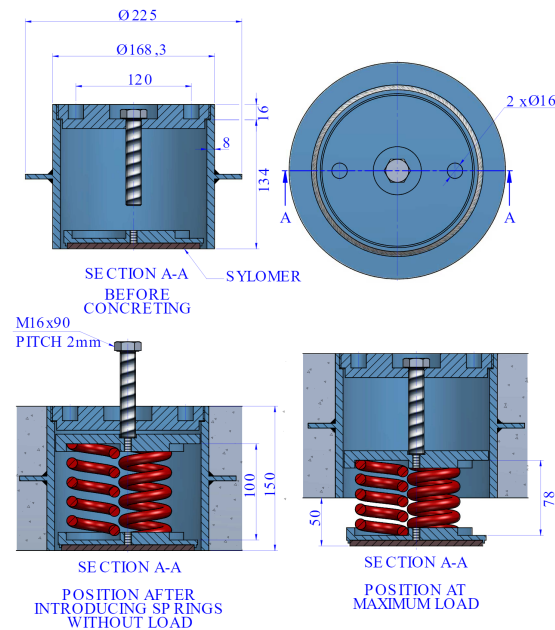
By combining **steel springs with Sylomer®**, the system can achieve a **natural frequency as low as 4 Hz**, providing highly effective isolation of low-frequency vibration and **structure-borne noise**.

The mounts are integrated directly into the concrete slab, allowing the floating slab 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 building structure**.

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

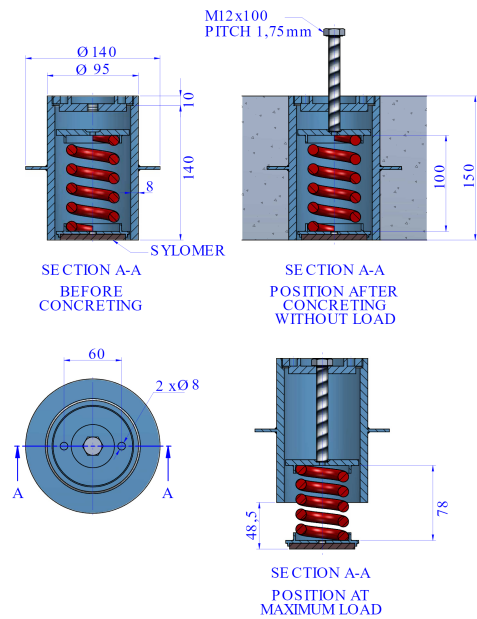
# Drawings

## FZH SPRINGS + SYLOMER



| Type                  | Code   | Spring color | Max. Load(lbs) | Spring     |
|-----------------------|--------|--------------|----------------|------------|
| FZH SPRINGS + SYLOMER | 176004 | PURPLE       | 2017           | 1 AMC 915  |
|                       | 176005 | 2678         | GREEN          | 1 AMC 1215 |
|                       | 176006 | GREY         | 3570           | 1 AMC 1620 |
|                       | 176007 | WHITE        | 4047           | 1 AMC 1836 |
|                       | 176008 | RED          | 5309           | 1 AMC 2409 |

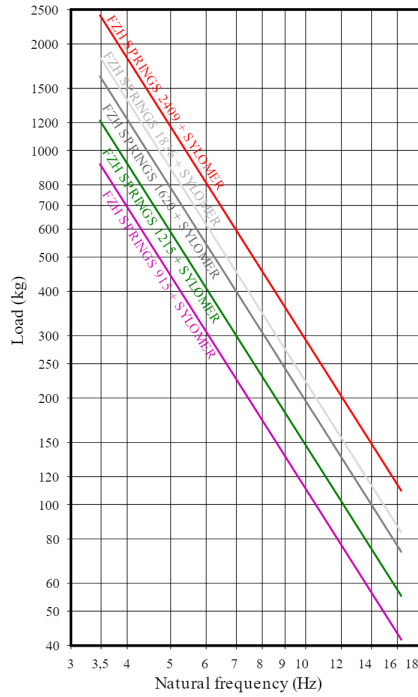
# FZHM + sylomer®



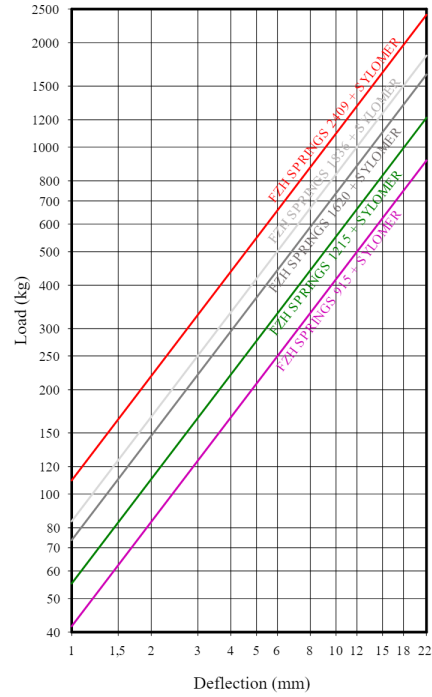
| Type            | Code   | Spring color | Max. Load(lbs) | Spring    |
|-----------------|--------|--------------|----------------|-----------|
| FZHM + sylomer® | 176015 | PURPLE       | 672            | 1 AMC 305 |
|                 | 176016 | GREEN        | 893            | 1 AMC 405 |
|                 | 176017 | GREY         | 1190           | 1 AMC 540 |
|                 | 176018 | WHITE        | 1349           | 1 AMC 612 |
|                 | 176019 | RED          | 1770           | 1 AMC 803 |

## Elastic properties

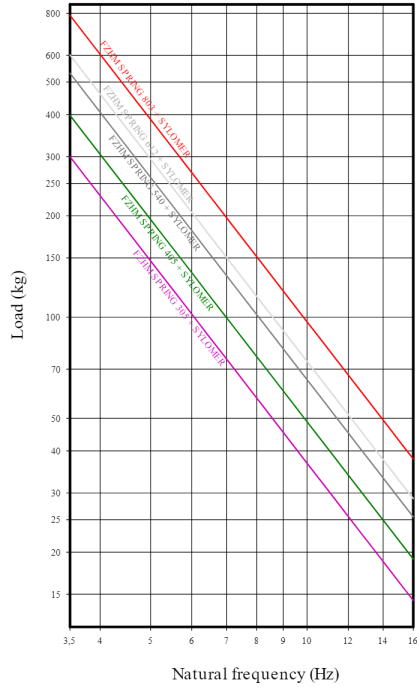
NATURAL FREQUENCY CURVES  
FZH SPRINGS + SYLOMER®



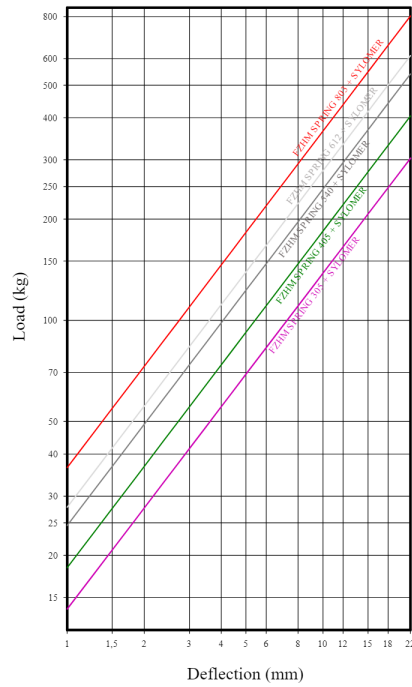
LOAD DEFLECTION CURVES  
FZH SPRINGS + SYLOMER®



NATURAL FREQUENCY CURVES  
FZHM SPRING + SYLOMER®



LOAD DEFLECTION CURVES  
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