

# Elastomeric Springs

High-deflection rubber springs with high damping, designed to provide low natural frequencies and effective vibration isolation.



**AMC-MECANOCAUCHO® Elastomeric Springs** are rubber vibration isolators specifically designed for applications requiring **high deflection and a low natural frequency**, providing a high level of vibration isolation.

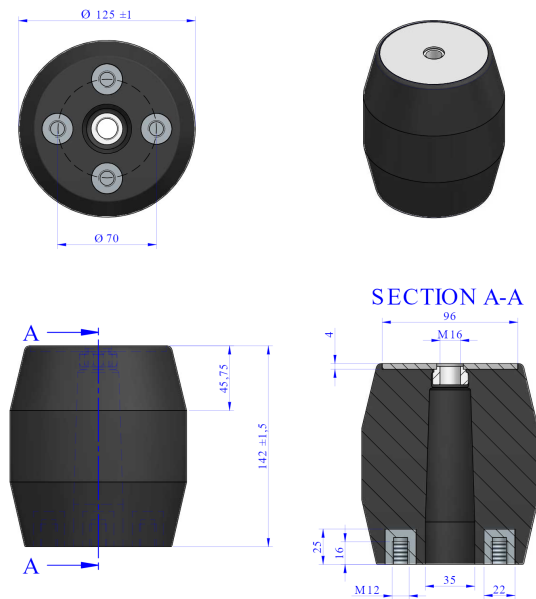
Unlike conventional metal springs, the elastomer provides **high inherent damping**, helping to limit vibration amplification when passing through resonance and reducing vibration transmission to the supporting structure.

Their high flexibility makes them particularly suitable for applications where **vertical vibrations are predominant** and large movements need to be accommodated.

Elastomeric Springs are particularly recommended for **vibrating screens, conveyors, industrial machinery, and equipment subjected to vibrations or shocks**, as well as applications where they can provide an alternative to conventional metal springs.

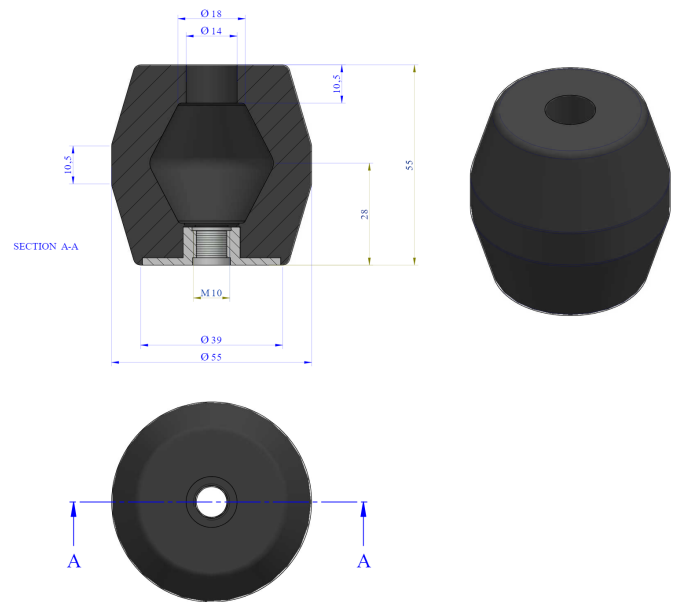
# Drawings

## RSFF 125 142



| Type         | Code   | Max. Load (lbs) | Shore | Weight(lbs) | Max. Schock |
|--------------|--------|-----------------|-------|-------------|-------------|
| RSFF 125 142 | 180251 | 1150 Kg         | 55 Sh | 4           | -           |

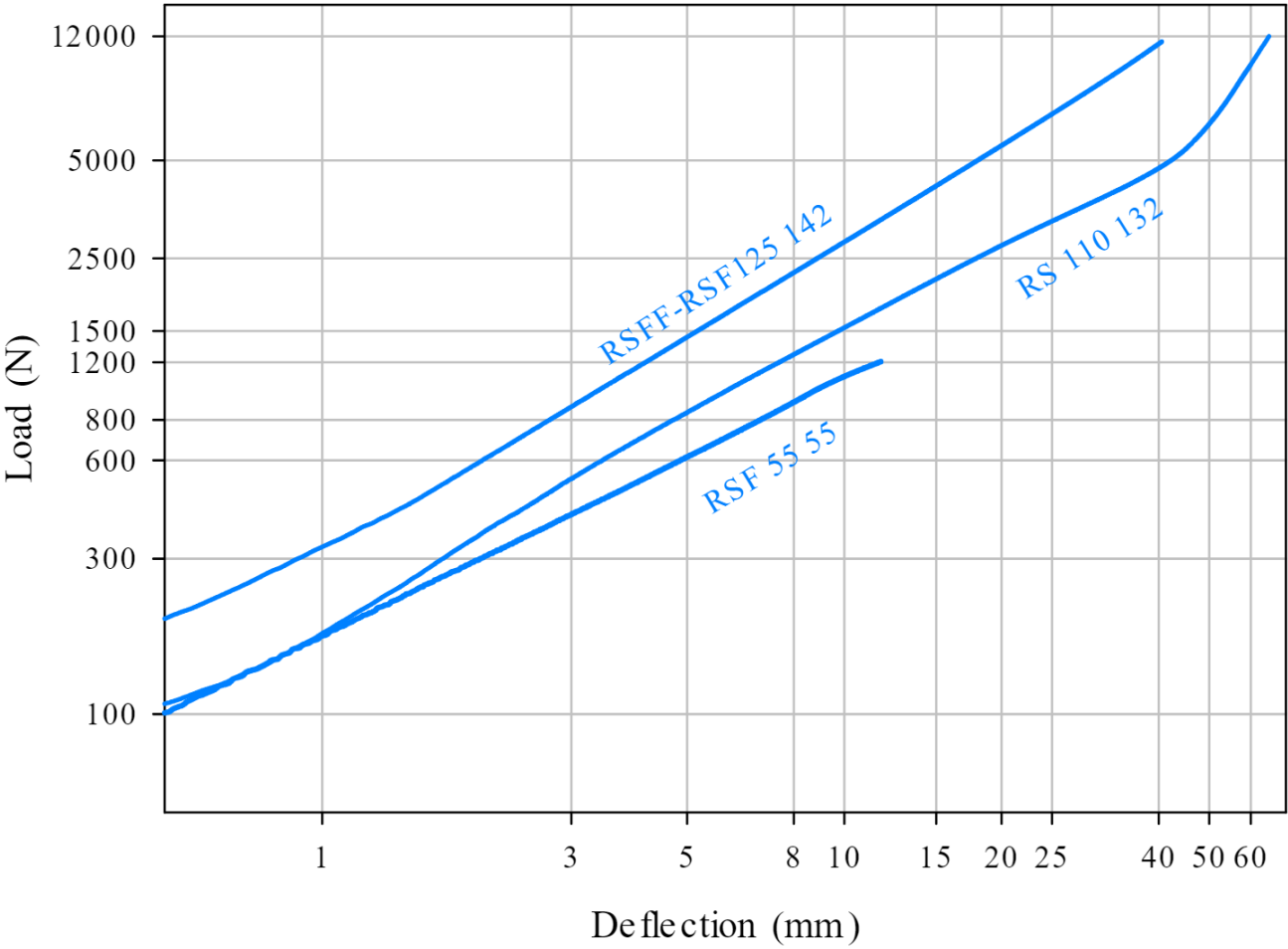
## RSF 55 55



| Type      | Code   | Max. Load (lbs) | Shore | Weight(lbs) | Max. Schock |
|-----------|--------|-----------------|-------|-------------|-------------|
| RSF 55 55 | 180177 | 60 Kg           | 65 Sh | 0.28        | 120 Kg      |

# Elastic properties

Load vs Deflection



## Technical characteristics

The damping properties of the rubber allow to provide a higher motion control of the suspended element. The optimal corrosion properties allow this mount to resist to aggressive corrosion environments.