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.

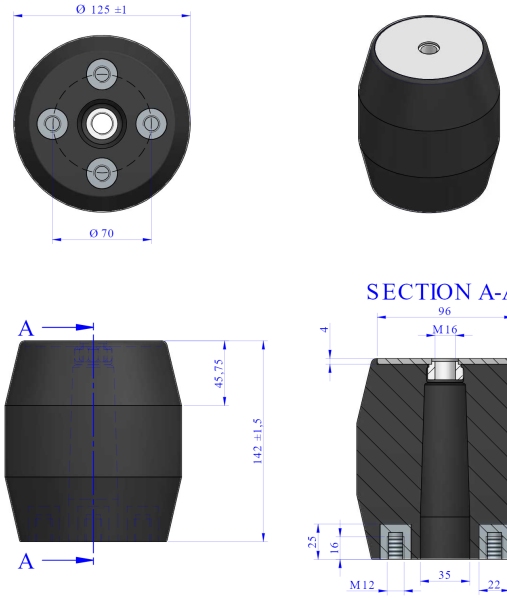
Elastomeric Springs are particularly recommended for **vibrating screens, conveyors, industrial machinery, and equipment subjected to vibrations or shocks**, as well as applications where they can provide an alternative to conventional metal springs.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

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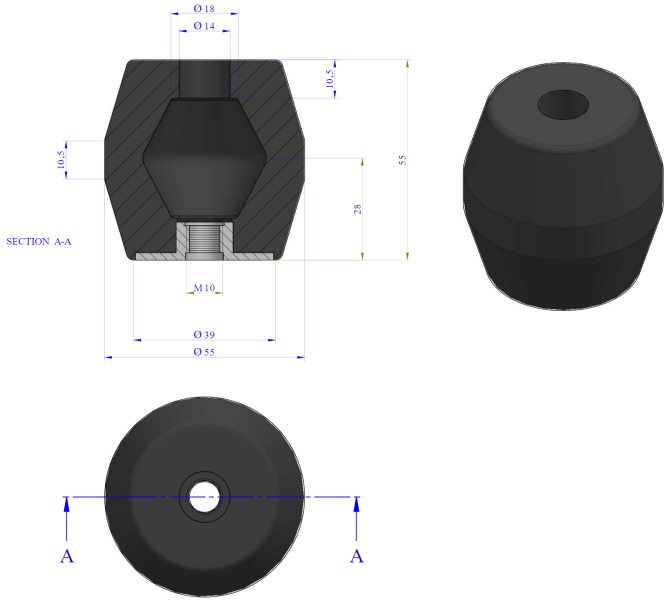
Drawings

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

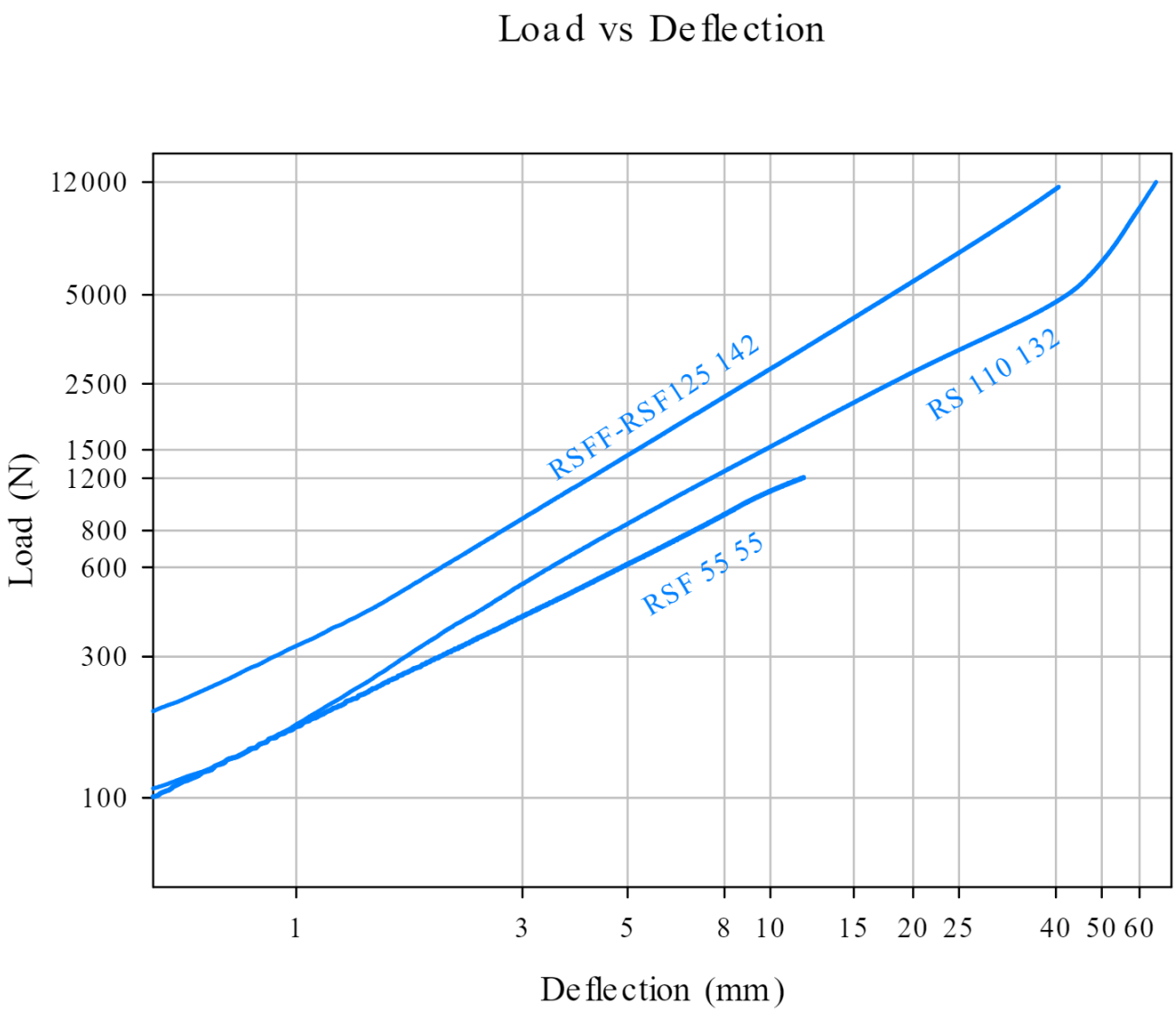


Type	Code	Max. Load (lbs)	Shore	Weight(lbs)	Max. Schock
RSF 55 55	180177	60 Kg	65 Sh	0.28	120 Kg

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Elastic properties



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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.

Advantages

Improved isolation

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

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