Sandwich Vibration Isolator

Vibration isolator with high lateral flexibility and high vertical stiffness, designed to provide vibration isolation, stability, and controlled movement.

AMC-MECANOCAUCHO® Sandwich vibration isolators consist of **three metal plates connected by two elastomer layers**, forming a compact and robust assembly suitable for both stationary and mobile applications.

This design provides **high flexibility in the lateral direction** while maintaining **higher stiffness in the vertical direction**. These different stiffness characteristics allow effective horizontal vibration isolation while providing **good vertical stability and controlled deflection under load**.

The range covers **loads from 50 to 1,500 kg**, making the isolators suitable for equipment with widely varying weights.

Sandwich vibration isolators are particularly suitable for **industrial machinery, mobile equipment, and applications requiring good vertical stability combined with effective horizontal vibration isolation**.

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In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
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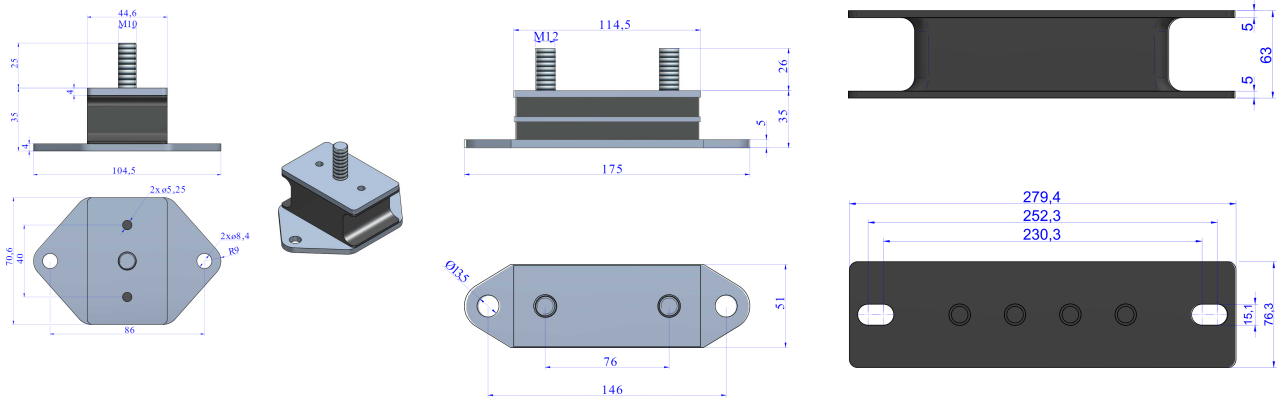
Drawings

Sandwich-46x70x35 / Sandwich-175x51x35 / Sandwich-280x75x63



Type	Code	Max. Load(lbs)	Shore	Weight(lbs)
Sandwich-46x70x35	180199	176	40Sh	1
	180187	331	55Sh	1
Sandwich-175x51x35	148189	1102	45Sh	2
	148190	2204	60Sh	2
	148191	3306	70Sh	2
Sandwich-280x75x63	148047	2645	40Sh	5

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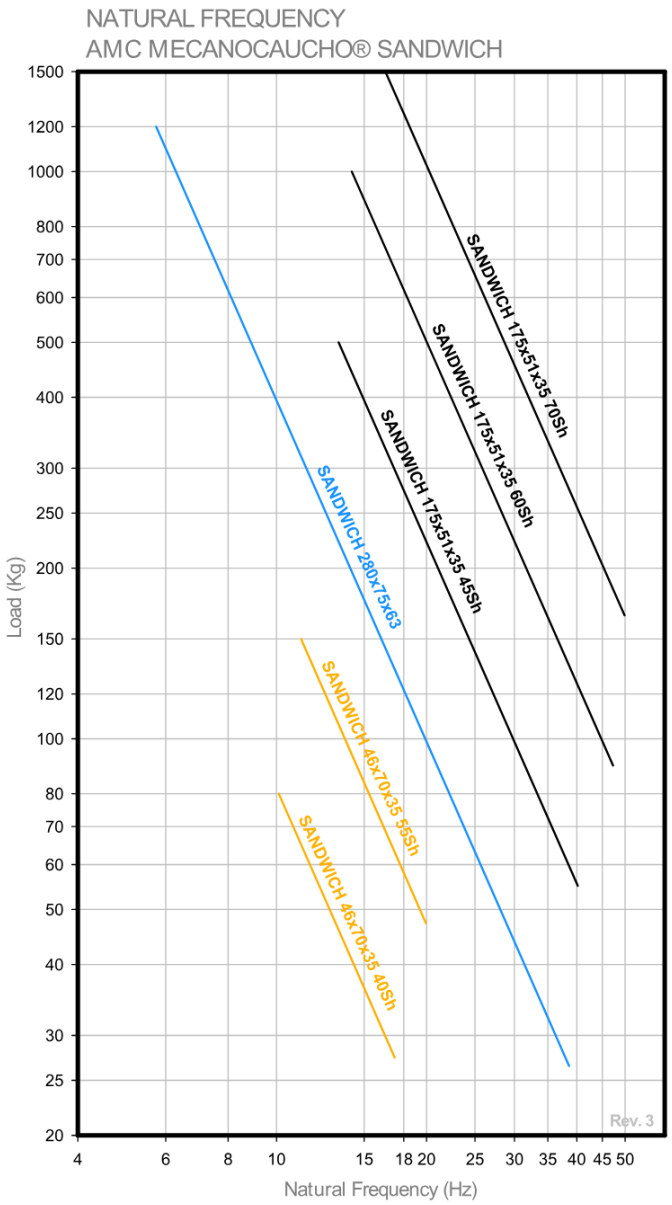
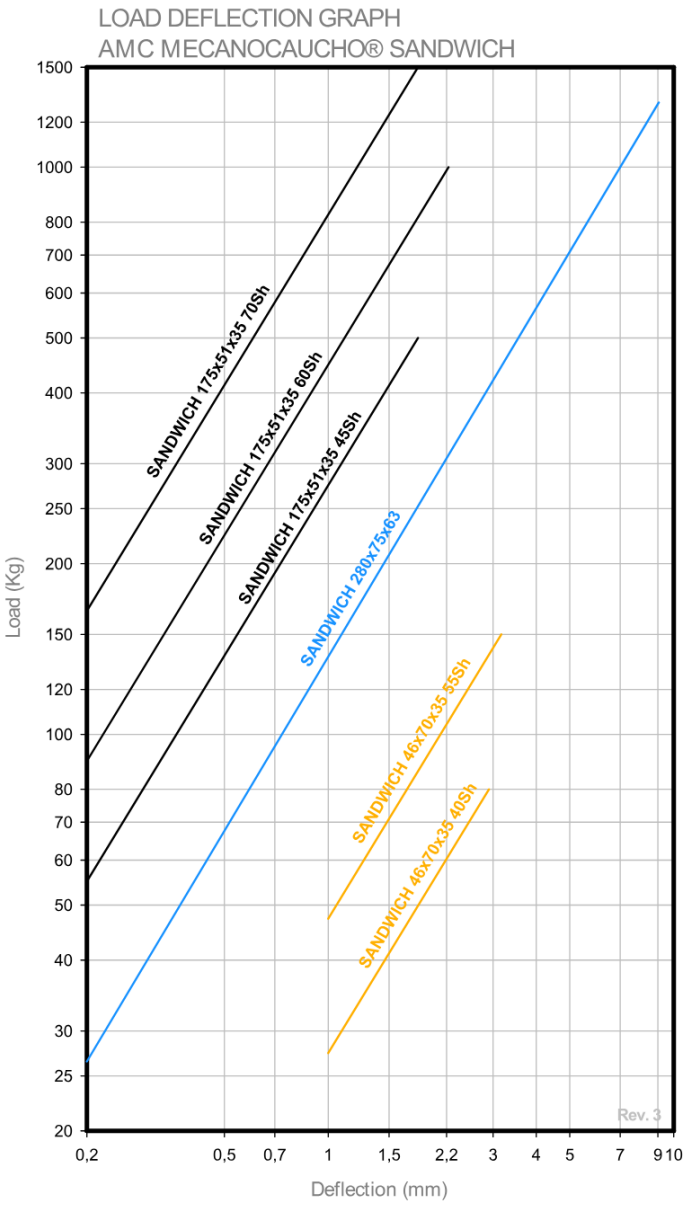
Elastic properties





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Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

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