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.

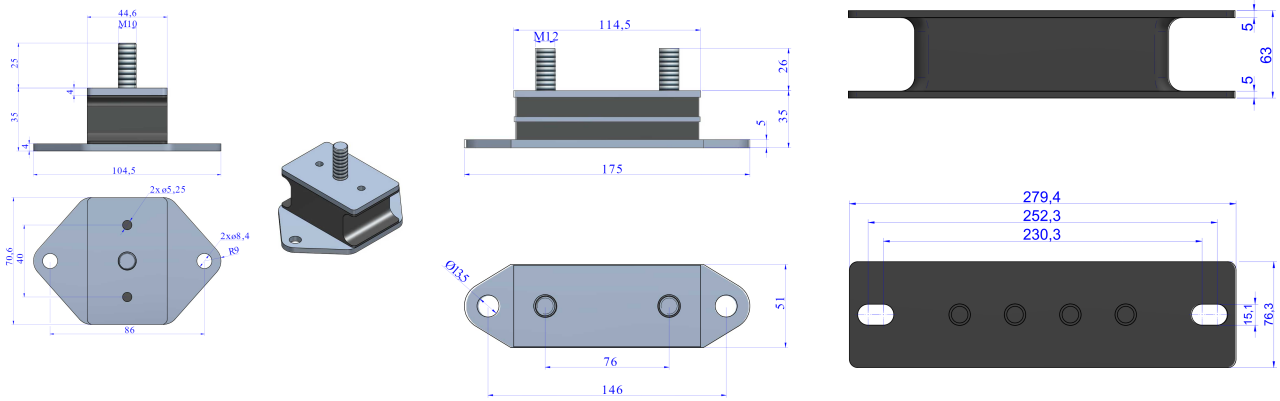
Sandwich vibration isolators are particularly suitable for **industrial machinery, mobile equipment, and applications requiring good vertical stability combined with effective horizontal vibration isolation**.

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Drawings

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

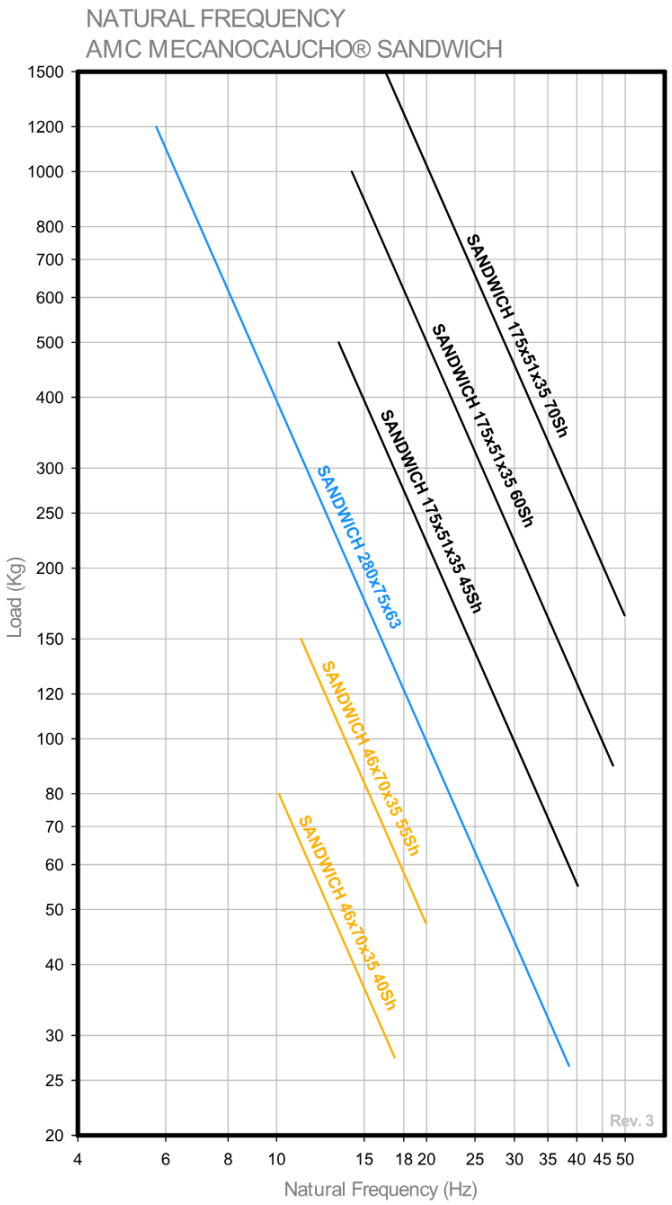


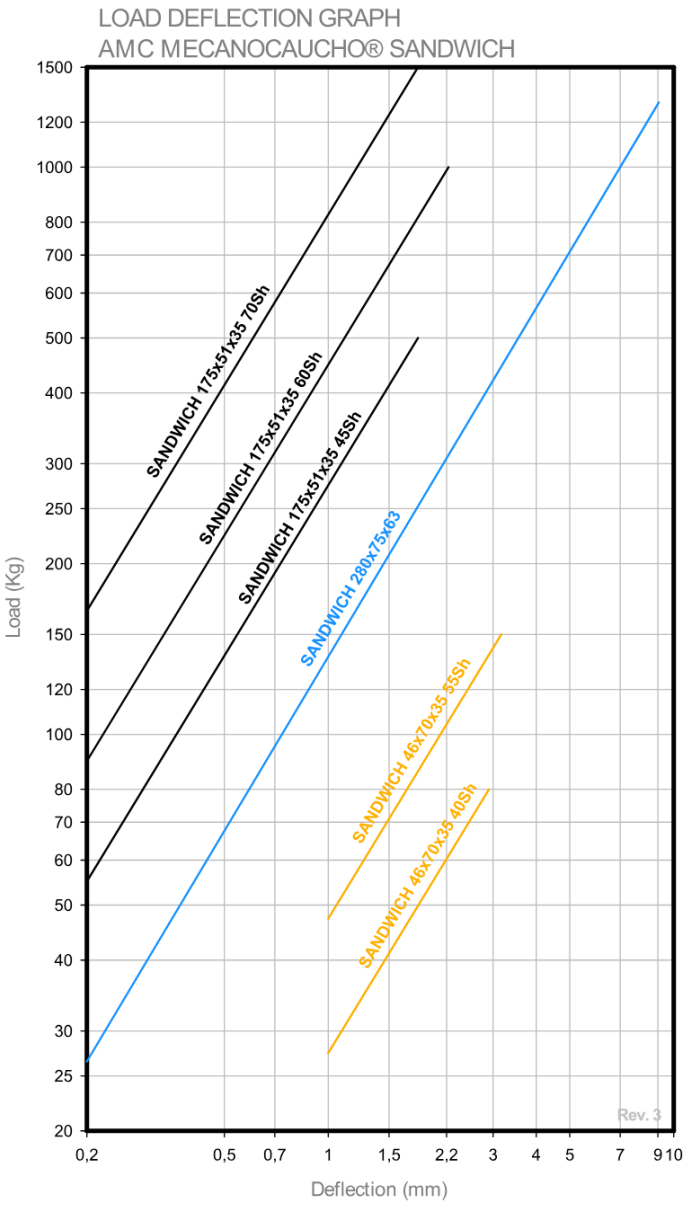
Type	Code	Max. Load(lbs)	Shore	Weight(lbs)
Sandwich-46x70x35	180199	176	40Sh	1
	180187	331	55Sh	1
Sandwich-175x51x35	148189	1102	45Sh	2
	148190	2204	60Sh	2
	148191	3306	70Sh	2
Sandwich-280x75x63	148047	2645	40Sh	5

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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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