2 AMC Spring Isolator

Two-spring isolator for static installations, designed for machinery vibration isolation, with natural frequencies from 3.5 to 8 Hz and a rubber or Sylomer® base.



The **AMC-MECANOCAUCHO® 2 AMC Spring Isolator** is designed for the **vibration isolation of machinery and equipment incorporating rotating or reciprocating components**, which may generate dynamic forces and vibration during operation.

Its **two steel spring configuration** provides a **higher load capacity** while maintaining the high elasticity required for effective vibration isolation.

The high elasticity of the springs enables **natural frequencies from 3.5 to 8 Hz**, effectively reducing the transmission of low-frequency vibration and dynamic forces to the supporting structure.

Reducing vibration transmission helps **protect the machine and its components against dynamic stresses and fatigue**, while limiting the propagation of vibration and **structure-borne noise** to adjacent structures.

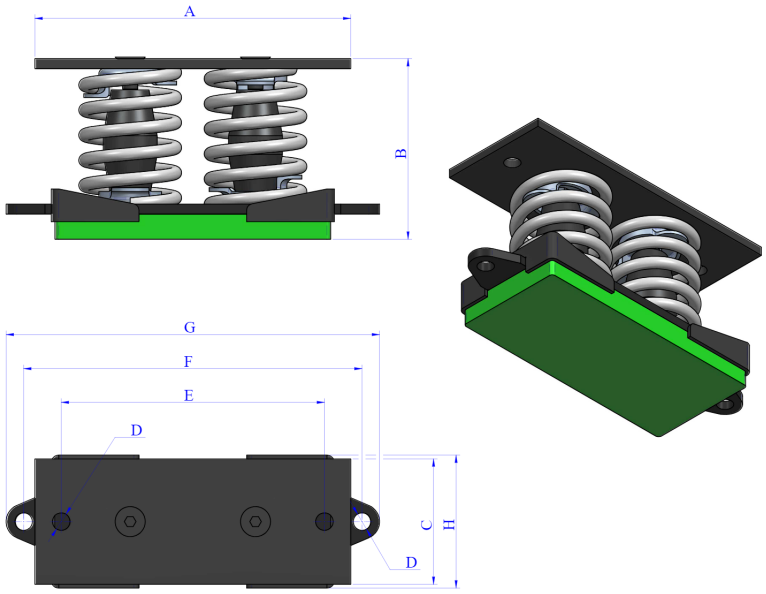
Depending on the configuration, the spring isolator can incorporate a **rubber or Sylomer® base**, improving decoupling from the supporting structure and further reducing the transmission of frequencies that may propagate through the steel springs.

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

2 AMC + Sylomer®

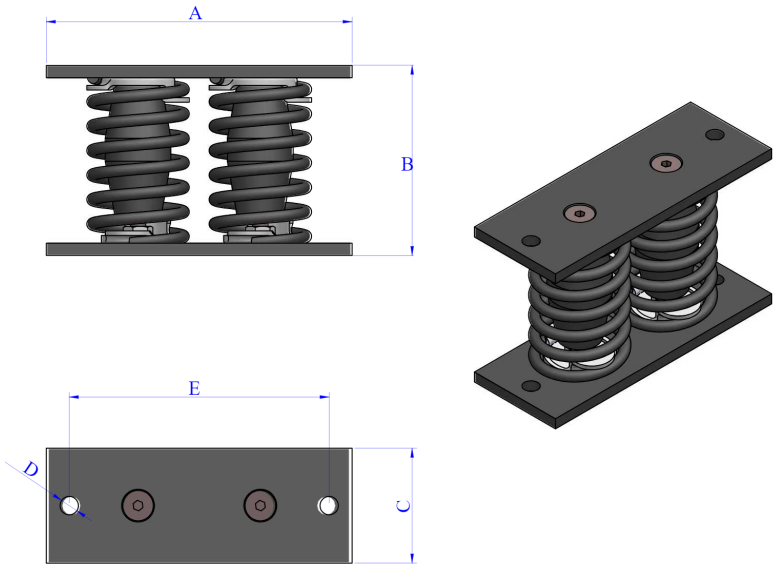


Type	Code	Spring color	Max. Load (lbs)	K(N/mm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	Weight(lbs)
2 AMC + Sylomer®	20471	BLUE	661	103	7.87	5.35	2.95	0.47	6.69	8.66	9.61	3.19	7
	20472	WHITE	882	132	7.87	5.35	2.95	0.47	6.69	8.66	9.61	3.19	7
	20473	BLACK	1102	166	7.87	5.35	2.95	0.47	6.69	8.66	9.61	3.19	7
	20474	CREAM	1543	227	7.87	5.35	2.95	0.47	6.69	8.66	9.61	3.19	8
	20475	LIGHT GREY	2204	536	9.84	5.35	3.94	0.55	8.27	10.63	11.73	4.17	13
	20476	GREEN	3306	813	9.84	5.35	3.94	0.55	8.27	10.63	11.73	4.17	15

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2 AMC

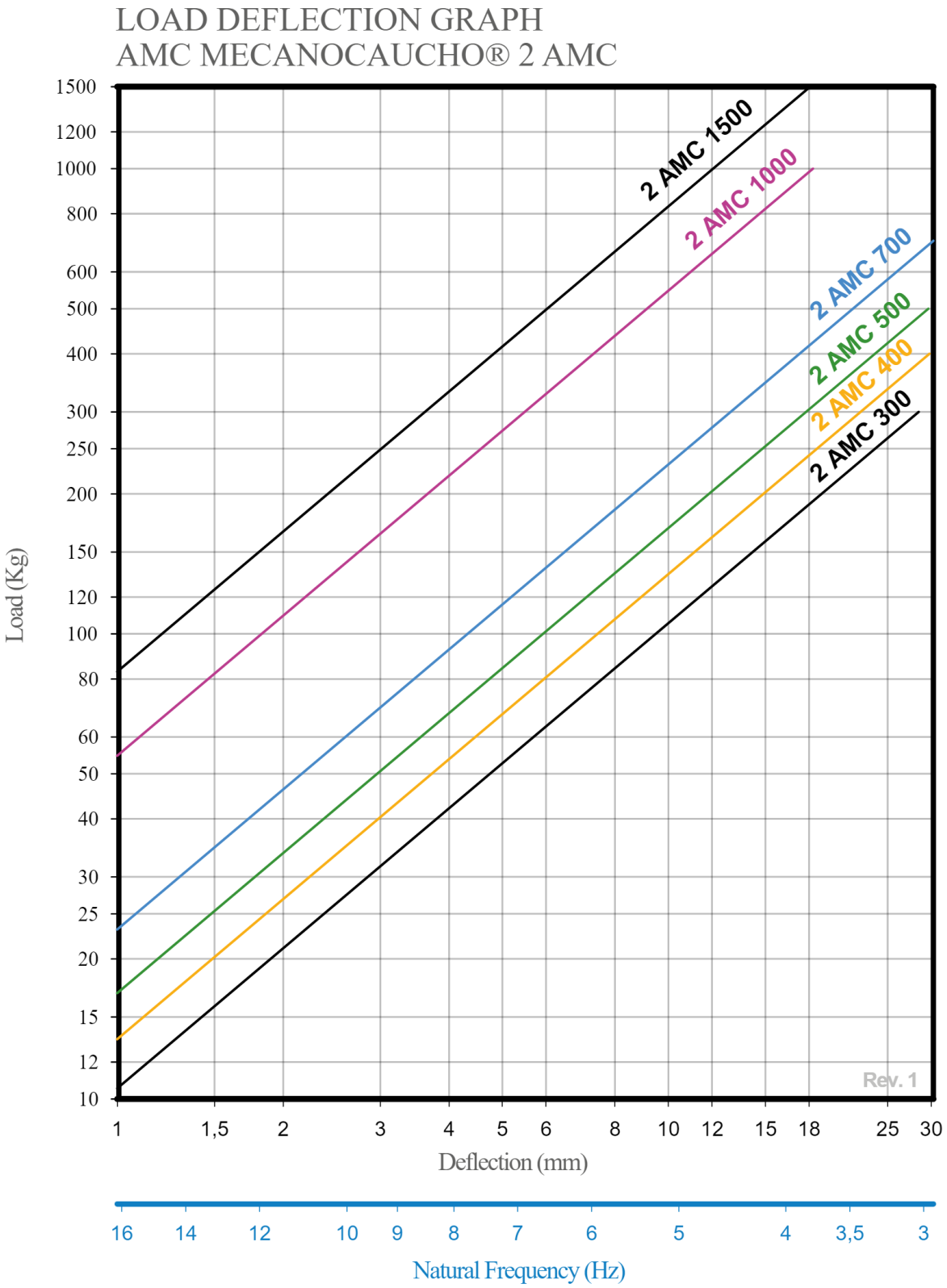


Type	Code	Spring color	Max. Load (lbs)	K(N/mm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	Weight(lbs)
2 AMC	20401	BLUE	661	103	7.87	4.88	2.95	0.47	6.69	-	-	-	7
	20411	WHITE	882	132	7.87	4.88	2.95	0.47	6.69	-	-	-	7
	20421	BLACK	1102	166	7.87	4.88	2.95	0.47	6.69	-	-	-	7
	20431	CREAM	1543	227	7.87	4.88	2.95	0.47	6.69	-	-	-	8
	20441	LIGHT GREY	2204	536	9.84	4.88	3.94	0.55	8.27	-	-	-	13
	20451	GREEN	3306	813	9.84	4.88	3.94	0.55	8.27	-	-	-	15

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Elastic properties



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Advantages

Easy installation

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

Improved isolation

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

Excellent value

This mount delivers very high performance for its cost compared to other possible solutions.

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