5 AMC Spring Isolator

Five-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® 5 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 **five steel spring configuration** provides a **high 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.

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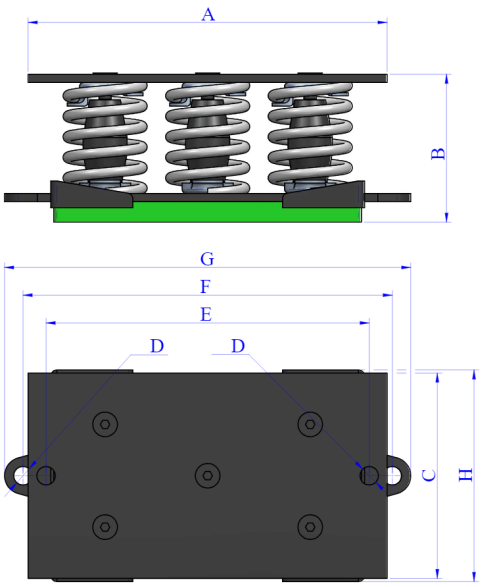
sales@amcsa.es

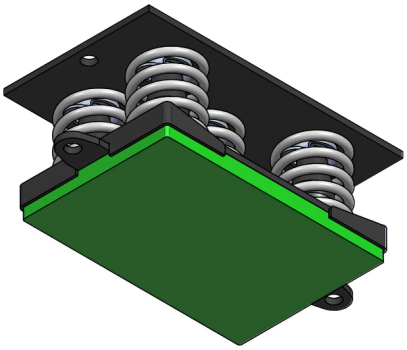
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Drawings

5 AMC + Sylomer®



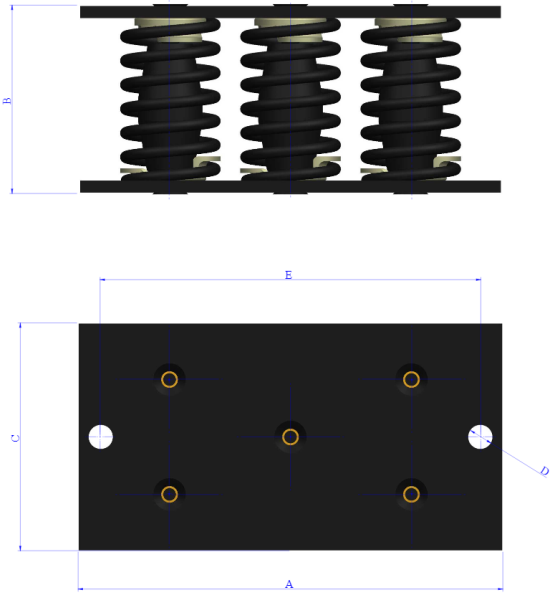


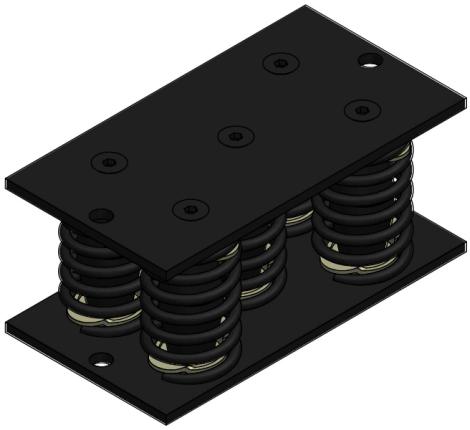
Type	Code	Spring color	Max. Load (lbs)	K(N/mm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	Weight(lbs)
5 AMC + Sylomer®	20771	BLUE	1653	259	11.02	5.35	5.91	0.63	9.88	11.42	12.68	6.14	19
	20772	WHITE	2204	330	11.02	5.35	5.91	0.63	9.88	11.42	12.68	6.14	19
	20773	BLACK	2755	414	11.02	5.35	5.91	0.63	9.88	11.42	12.68	6.14	20
	20774	CREAM	3857	568	11.02	5.35	5.91	0.63	9.88	11.42	12.68	6.14	22
	20775	LIGHT GREY	5510	1341	13.78	5.35	7.87	0.71	12.4	14.17	15.59	8.11	35
	20776	GREEN	8265	2033	13.78	5.35	7.87	0.71	12.4	14.17	15.59	8.11	40

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5 AMC



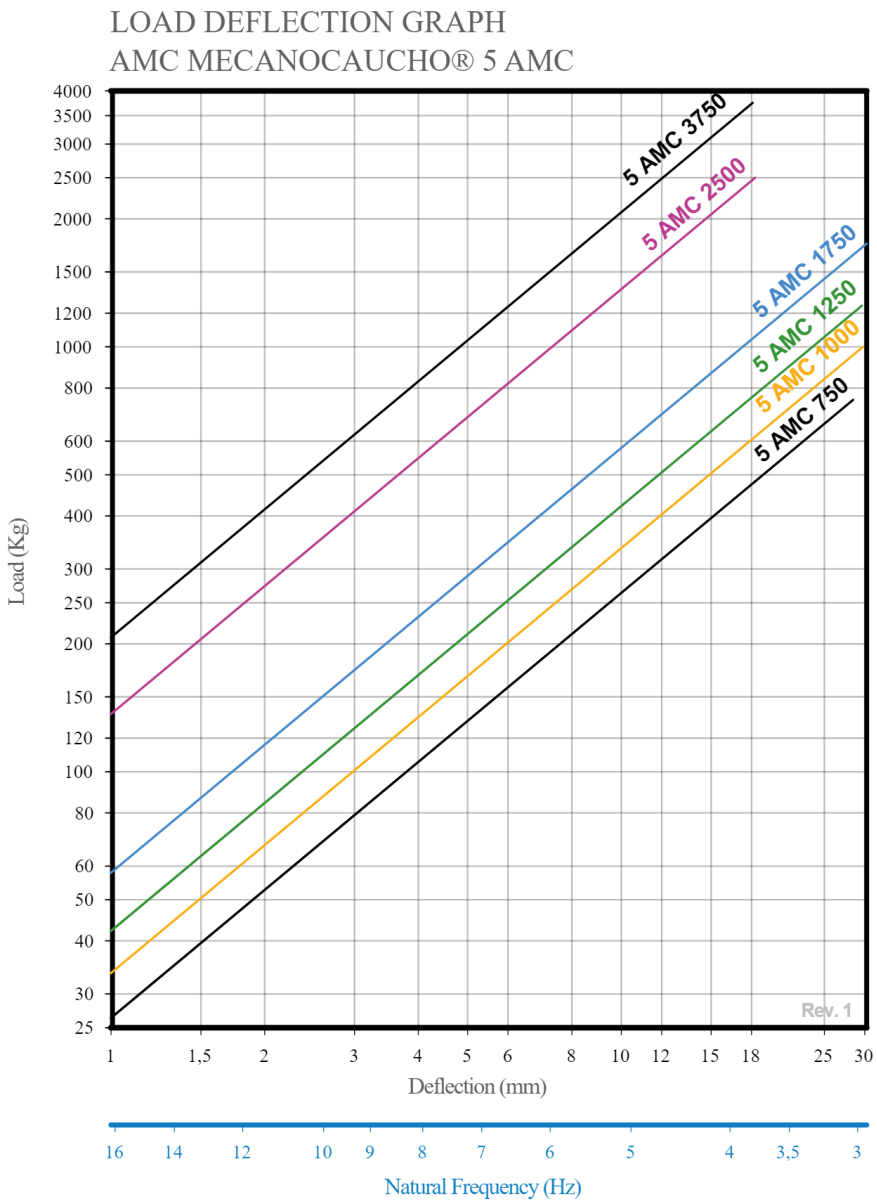


Type	Code	Spring color	Max. Load (lbs)	K(N/mm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	Weight(lbs)
5 AMC	20701	BLUE	1653	259	11.02	4.88	5.91	0.63	9.88	-	-	-	19
	20711	WHITE	2204	330	11.02	4.88	5.91	0.63	9.88	-	-	-	19
	20721	BLACK	2755	414	11.02	4.88	5.91	0.63	9.88	-	-	-	20
	20731	CREAM	3857	568	11.02	4.88	5.91	0.63	9.88	-	-	-	22
	20741	LIGHT GREY	5510	1341	13.78	4.88	7.87	0.71	12.4	-	-	-	35
	20751	GREEN	8265	2033	13.78	4.88	7.87	0.71	12.4	-	-	-	40

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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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