4 AMC Spring Isolator

Four-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® 4 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 **four 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.

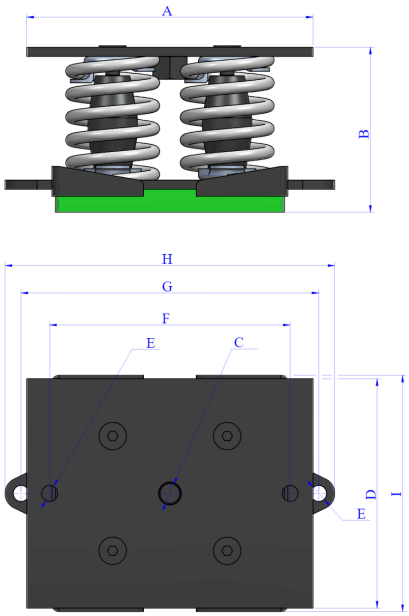
Depending on the configuration, the spring isolator can incorporate a **rubber or Sylomer® base**, improving decoupling from the supporting structure and further reducing the transmission of frequencies that may propagate through the steel springs.

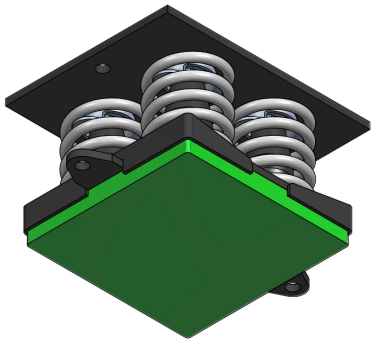
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Drawings

4 AMC + Sylomer®



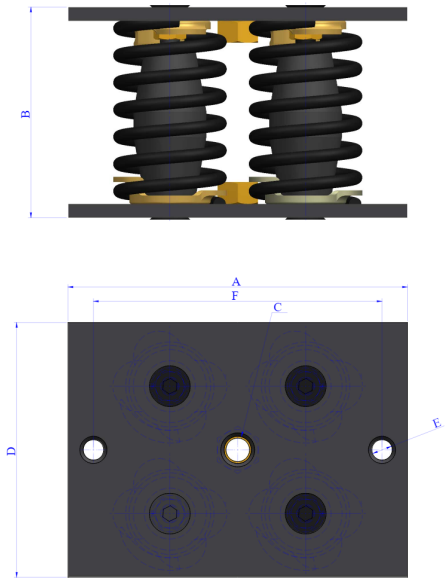


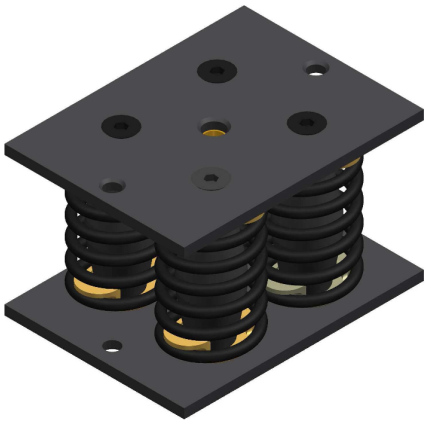
Type	Code	Spring color	Max. Load (lbs)	K(N/mm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	I(in)	Weight(lbs)
4 AMC + Sylomer®	20671	BLUE	1322	207	7.87	5.35	M-16	5.91	0.47	6.69	7.48	8.43	6.14	14
	20672	WHITE	1763	264	7.87	5.35	M-16	5.91	0.47	6.69	7.48	8.43	6.14	14
	20673	BLACK	2204	331	7.87	5.35	M-16	5.91	0.47	6.69	7.48	8.43	6.14	15
	20674	CREAM	3086	454	7.87	5.35	M-16	5.91	0.47	6.69	7.48	8.43	6.14	17
	20675	LIGHT GREY	4408	1072	9.84	5.35	M-20	7.87	0.55	8.27	10.24	11.34	8.11	27
	20676	GREEN	6612	1627	9.84	5.35	M-20	7.87	0.55	8.27	10.24	11.34	8.11	31

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4 AMC



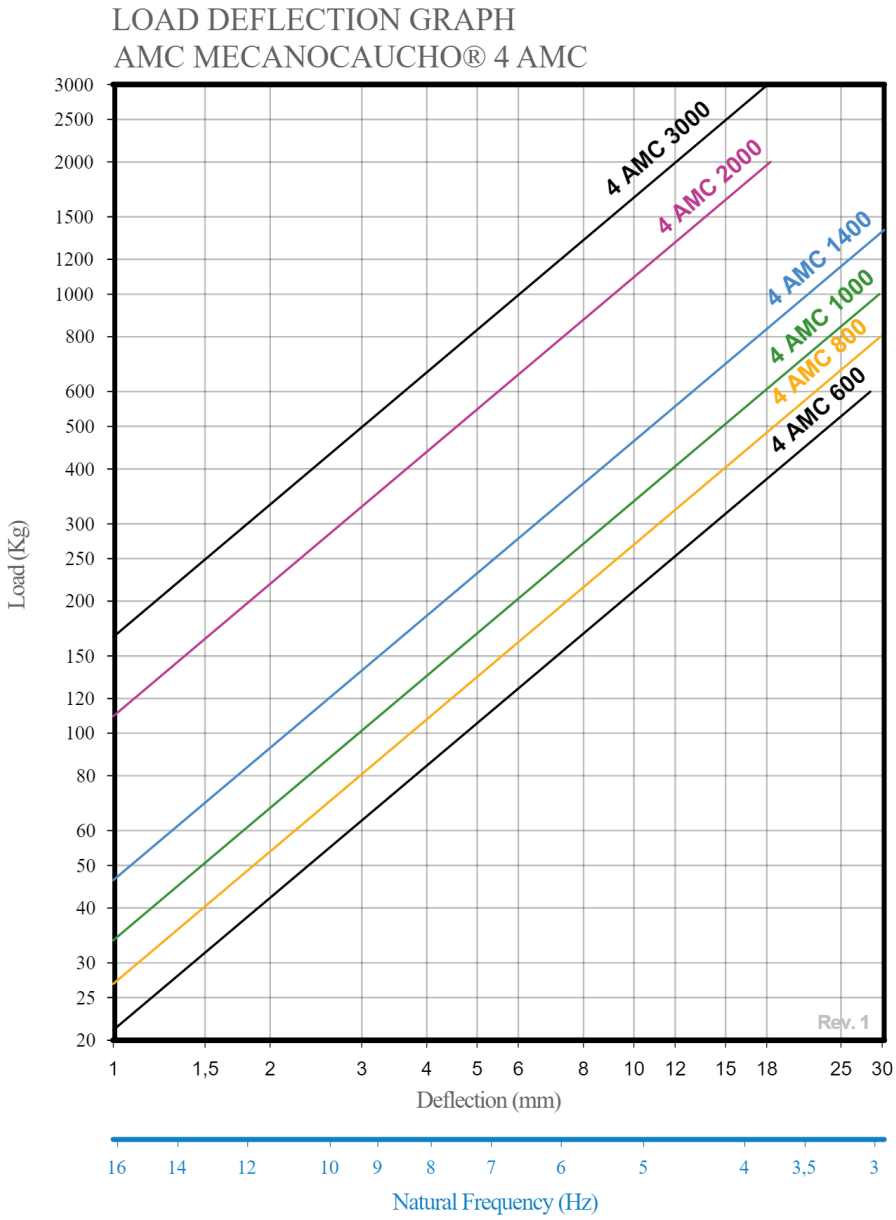


Type	Code	Spring color	Max. Load (lbs)	K(N/mm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	I(in)	Weight(lbs)
4 AMC	20601	BLUE	1322	207	7.87	4.88	M-16	5.91	0.47	6.69	-	-	-	14
	20611	WHITE	1763	264	7.87	4.88	M-16	5.91	0.47	6.69	-	-	-	14
	20621	BLACK	2204	331	7.87	4.88	M-16	5.91	0.47	6.69	-	-	-	15
	20631	CREAM	3086	454	7.87	4.88	M-16	5.91	0.47	6.69	-	-	-	17
	20641	LIGHT GREY	4408	1072	9.84	4.88	M-20	7.87	0.55	8.27	-	-	-	27
	20651	GREEN	6612	1627	9.84	4.88	M-20	7.87	0.55	8.27	-	-	-	31

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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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