9 AMC Spring Mount

Nine-spring mount 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® 9 AMC Spring Mount** 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 **nine steel spring configuration** provides a **high load capacity** whilst 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**, whilst limiting the propagation of vibration and **structure-borne noise** to adjacent structures.

Depending on the configuration, the spring mount 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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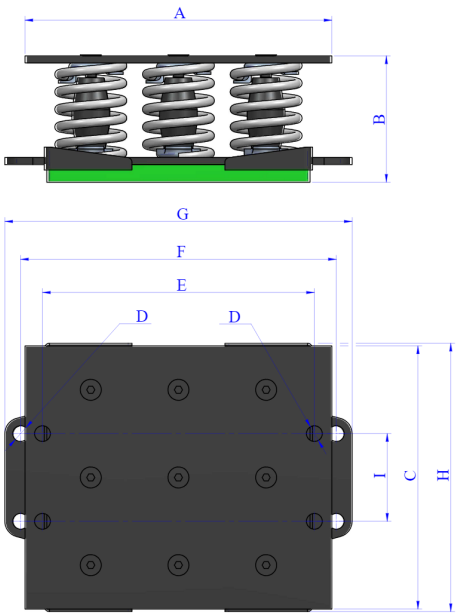
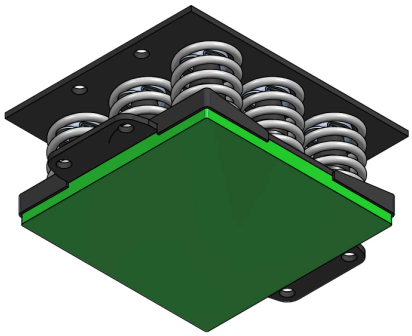
Drawings

9 AMC + Sylomer®





Type	Code	Spring color	Max. Load(kg)	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(kg)
9 AMC + Sylomer®	20971	BLUE	1350	465	280	136	226	16	248	290	322	232	75	13.702
	20972	WHITE	1800	593	280	136	226	16	248	290	322	232	75	14.044
	20973	BLACK	2250	745	280	136	226	16	248	290	322	232	75	14.836
	20974	CREAM	3150	1022	280	136	226	16	248	290	322	232	75	16.465
	20975	LIGHT GREY	4500	2413	350	136	300	18	310	360	396	306	100	27.547
	20976	GREEN	6750	3660	350	136	300	18	310	360	396	306	100	31.75

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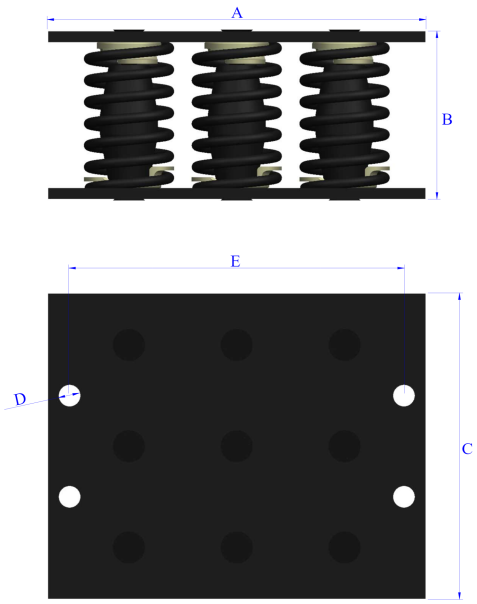
9 AMC



Type	Code	Spring color	Max. Load (kg)	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(kg)
9 AMC	20901	BLUE	1350	465	280	124	226	16	248	-	-	-	-	13.702
	20911	WHITE	1800	593	280	124	226	16	248	-	-	-	-	14.044
	20921	BLACK	2250	745	280	124	226	16	248	-	-	-	-	14.836
	20931	CREAM	3150	1022	280	124	226	16	248	-	-	-	-	16.465
	20941	LIGHT GREY	4500	2413	350	124	300	18	310	-	-	-	-	27.547
	20951	GREEN	6750	3660	350	124	300	18	310	-	-	-	-	31.75

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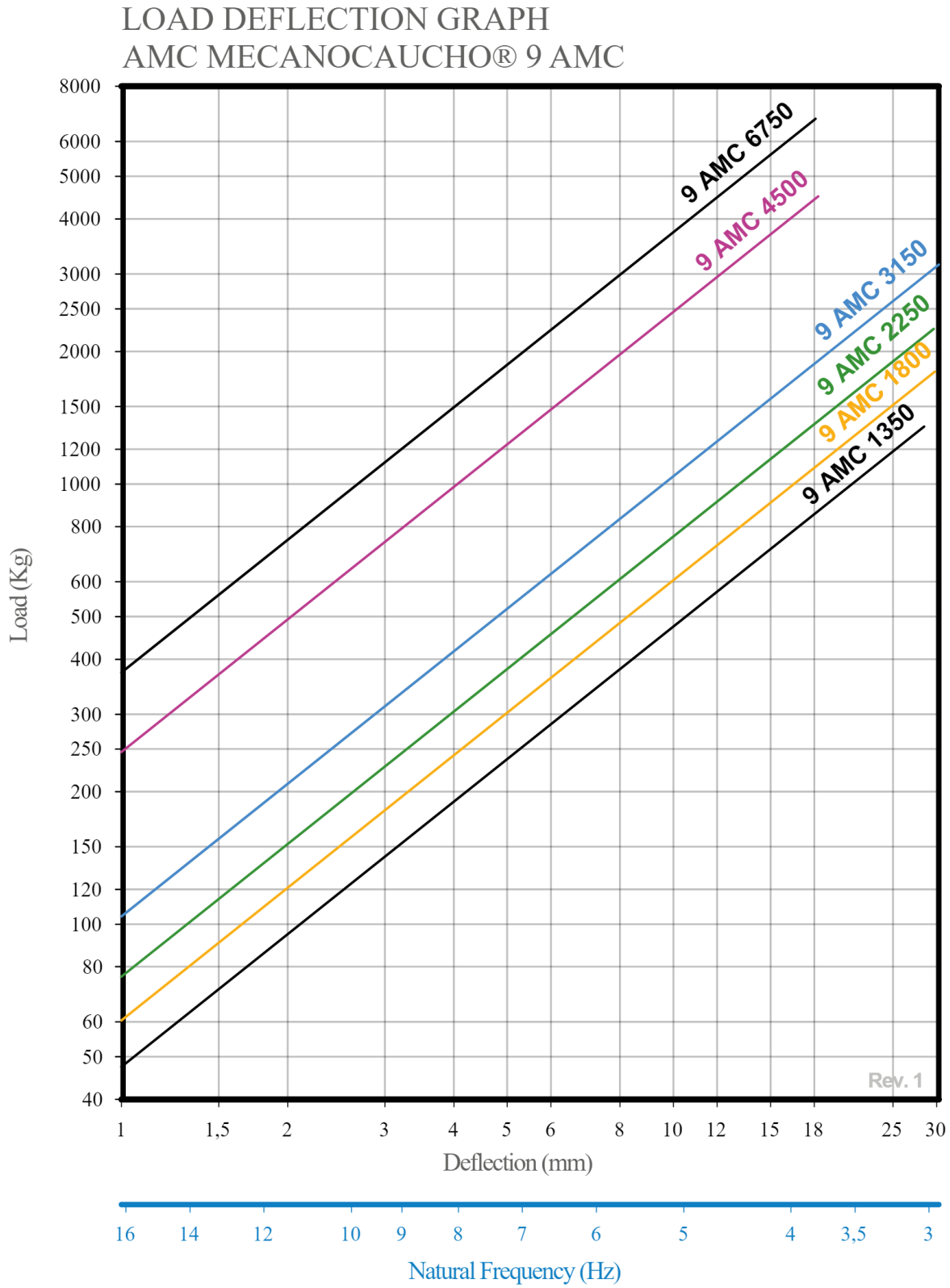
Elastic properties



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Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

Improved isolation

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

Excellent value for money

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

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