1 AMC Spring Mount

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® 1 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.

The **high elasticity of the steel spring** enables **natural frequencies from 3.5 to 8 Hz**, providing effective low-frequency vibration isolation and reducing the dynamic forces transmitted 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.

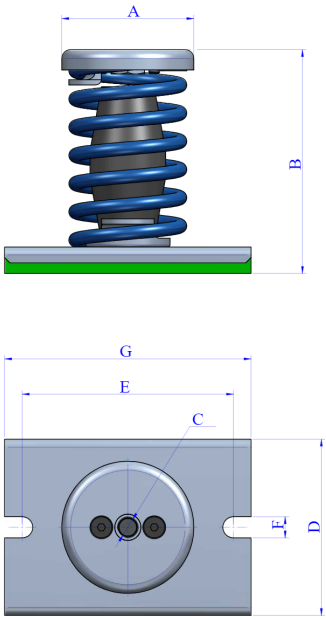
Depending on the configuration, the spring mount can incorporate a **rubber or Sylomer® base**, improving decoupling from the supporting structure and further reducing the transmission of frequencies that may propagate through the steel spring.

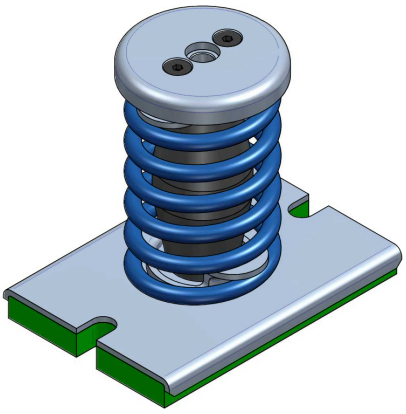
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Drawings

1 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)	Weight(kg)
1 AMC + Sylomer®	20371	BLUE	150	52	75	127	M-12	98,5	120	12	140	1.102
	20372	WHITE	200	66	75	127	M-12	98,5	120	12	140	1.138
	20373	BLACK	250	83	75	127	M-12	98,5	120	12	140	1.225
	20374	CREAM	350	114	75	127	M-12	98,5	120	12	140	1.392
	20375	LIGHT GREY	500	268	93	127	M-14	98,5	120	12	140	2.56
	20376	GREEN	750	407	93	127	M-14	98,5	120	12	140	3.036

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1 AMC + Sylomer Kit Niv.

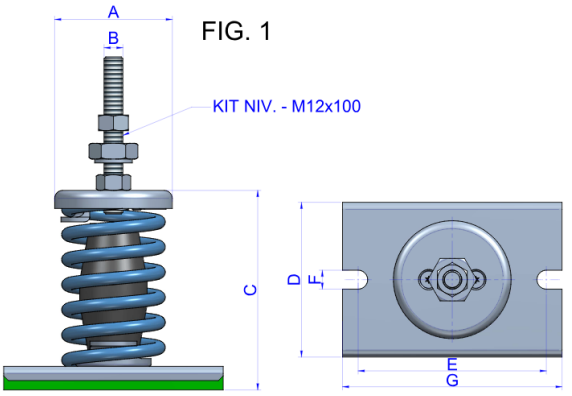


FIG. 1

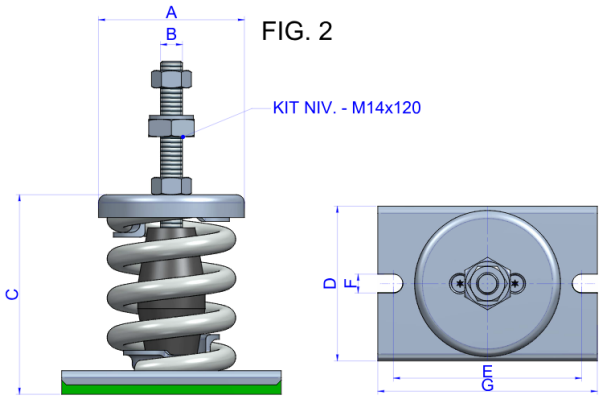


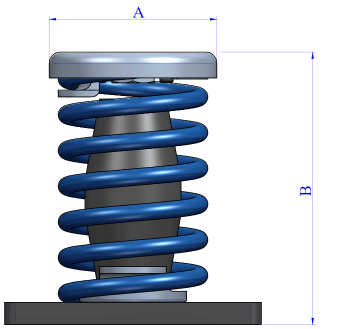
FIG. 2

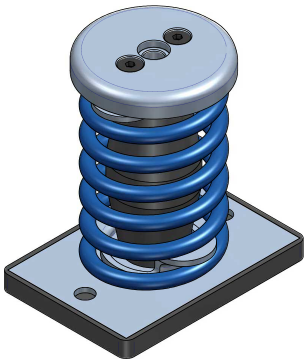
Type	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	Code	Max. Load (kg)	Spring color	A(mm)	B(mm)	Weight(kg)	Fig.
1 AMC + Sylomer Kit Niv.	127	98,5	120	12	140	20445	150	BLUE	75	M12	1.246	1
						20446	200	WHITE	75	M12	1.282	1
						20447	250	BLACK	75	M12	1.369	1
						20448	350	CREAM	75	M12	1.536	1
						20449	500	LIGHT GREY	93	M14	2.775	2
						20450	750	GREEN	93	M14	3.251	2

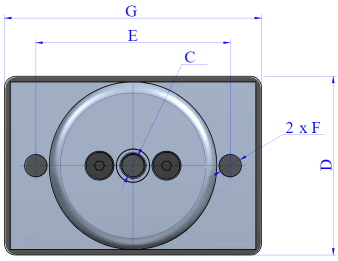
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1 AMC





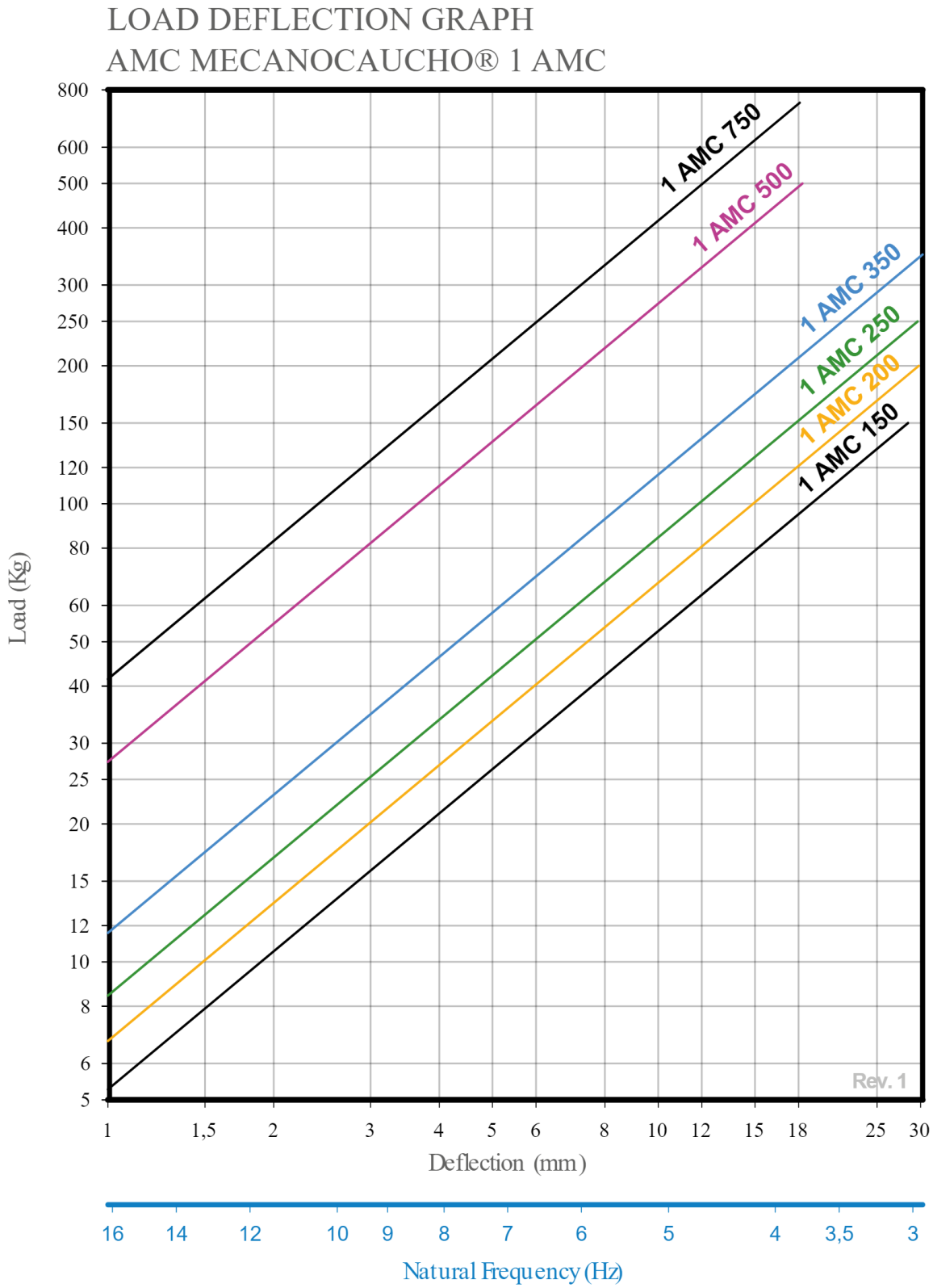


Type	Code	Spring color	Max. Load (kg)	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	Weight(kg)
1 AMC	20301	BLUE	150	52	75	122	M-12	80	87	10	115	1.102
	20311	WHITE	200	66	75	122	M-12	80	87	10	115	1.138
	20321	BLACK	250	83	75	122	M-12	80	87	10	115	1.225
	20331	CREAM	350	114	75	122	M-12	80	87	10	115	1.392
	20341	LIGHT GREY	500	268	93	120	M-14	100	120	12	150	2.56
	20351	GREEN	750	407	93	120	M-14	100	120	12	150	3.036

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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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