3 AMC Spring Mount

Three-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® 3 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 **three 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.

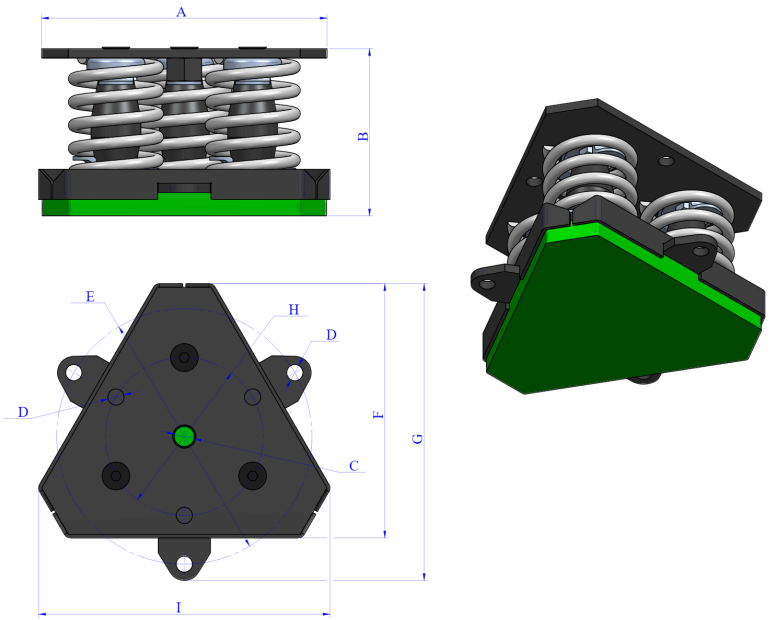
Depending on the configuration, the spring mount can incorporate a **rubber or Sylomer® base**, improving decoupling from the supporting structure and further reducing the transmission of frequencies that may propagate through the steel springs.

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Drawings

3 AMC + Sylomer®

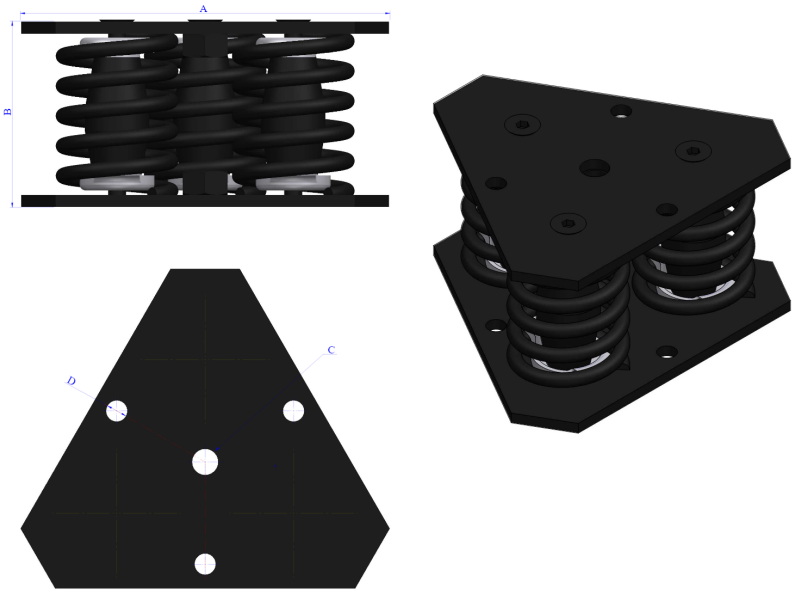


Type	Code	Spring color	Max. Load(kg)	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(kg)
3 AMC + Sylomer®	20571	BLUE	450	155	196,3	136	M-16	12	180	176	207,7	110	201,4	4.6
	20572	WHITE	600	198	196,3	136	M-16	12	180	176	207,7	110	201,4	4.714
	20573	BLACK	750	248	196,3	136	M-16	12	180	176	207,7	110	201,4	4.978
	20574	CREAM	1050	341	196,3	136	M-16	12	180	176	207,7	110	201,4	5.524
	20575	LIGHT GREY	1500	804	246	136	M-20	14	220	219	255,7	136	251	8.564
	20576	GREEN	2250	1220	246	136	M-20	14	220	219	255,7	136	251	9.964

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3 AMC

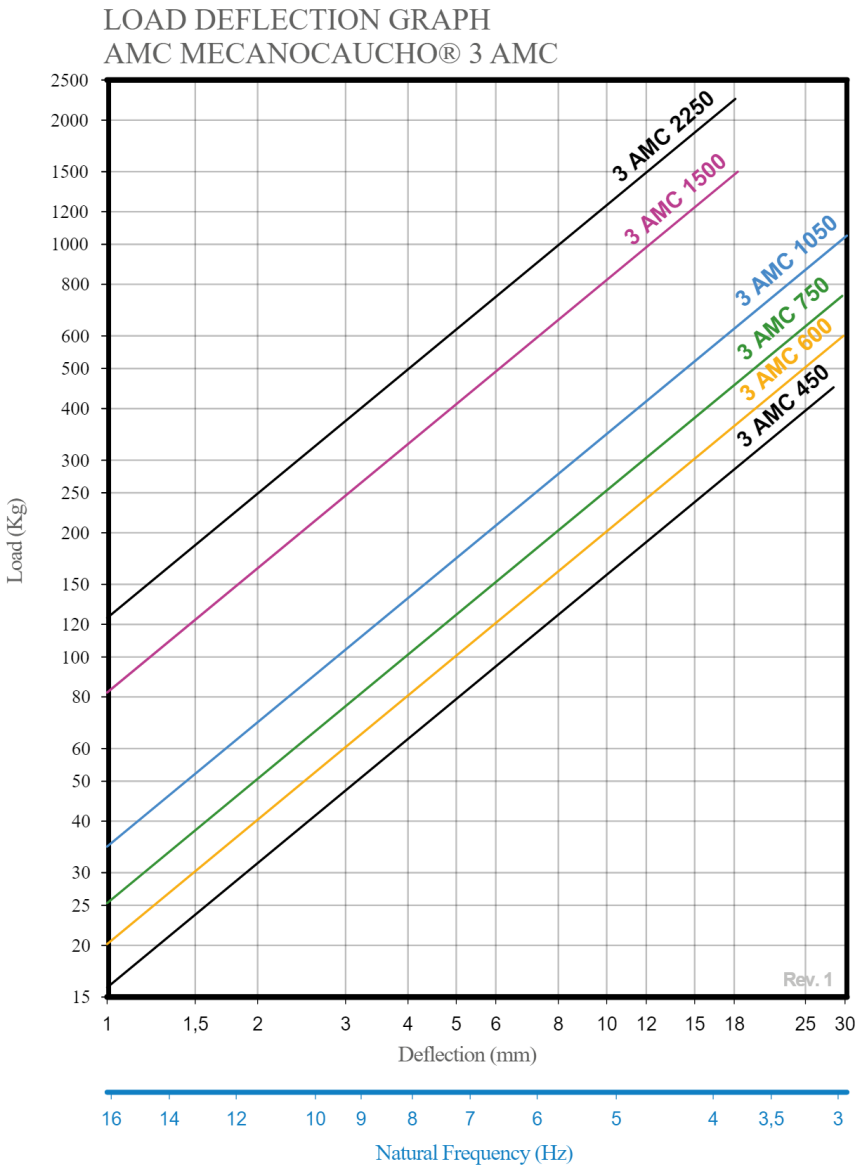


Type	Code	Spring color	Max. Load (kg)	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(kg)
3 AMC	20501	BLUE	450	155	196,3	124	M-16	12	-	-	-	-	-	4.6
	20511	WHITE	600	198	196,3	124	M-16	12	-	-	-	-	-	4.714
	20521	BLACK	750	248	196,3	124	M-16	12	-	-	-	-	-	4.978
	20531	CREAM	1050	341	196,3	124	M-16	12	-	-	-	-	-	5.524
	20541	LIGHT GREY	1500	804	242	124	M-20	14	-	-	-	-	-	8.564
	20551	GREEN	2250	1220	242	124	M-20	14	-	-	-	-	-	9.964

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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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