6 AMC Spring Mount

Six-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® 6 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 **six 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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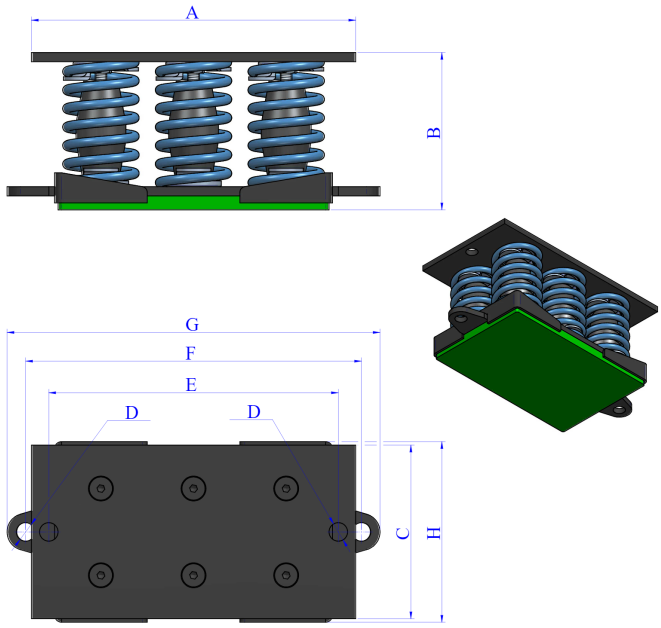
Drawings

6 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)	Weight(kg)
6 AMC + Sylomer®	20871	BLUE	900	310	280	136	150	16	250	290	322	156	8.928
	20872	WHITE	1200	395	280	136	150	16	250	290	322	156	9.156
	20873	BLACK	1500	497	280	136	150	16	250	290	322	156	10.1
	20874	CREAM	2100	681	280	136	150	16	250	290	322	156	10.77
	20875	LIGHT GREY	3000	1609	350	136	200	18	300	360	396	206	16.848
	20876	GREEN	4500	2440	350	136	200	18	300	360	396	206	19.656

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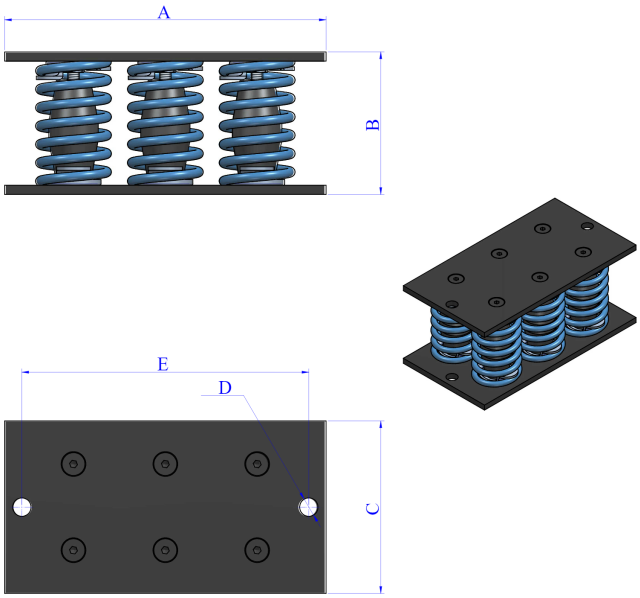
6 AMC



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)	Weight(kg)
6 AMC	20801	BLUE	900	310	280	124	150	16	250	-	-	-	8.928
	20811	WHITE	1200	395	280	124	150	16	250	-	-	-	9.156
	20821	BLACK	1500	497	280	124	150	16	250	-	-	-	9.684
	20831	CREAM	2100	681	280	124	150	16	250	-	-	-	10.77
	20841	LIGHT GREY	3000	1609	350	124	200	18	300	-	-	-	16.848
	20851	GREEN	4500	2440	350	124	200	18	300	-	-	-	19.656

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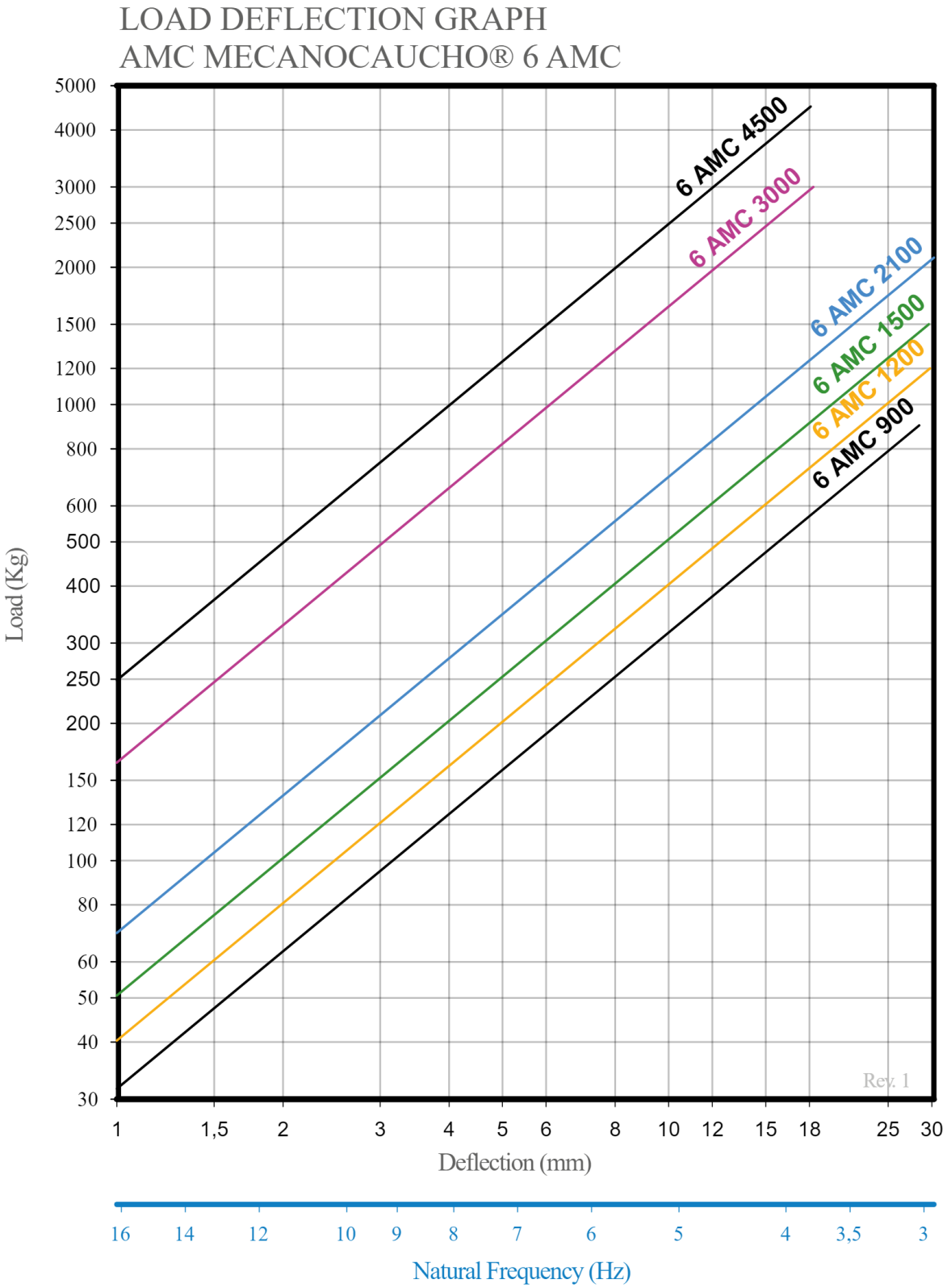
Elastic properties



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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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