

1 AMC Spring Isolator

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® 1 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.

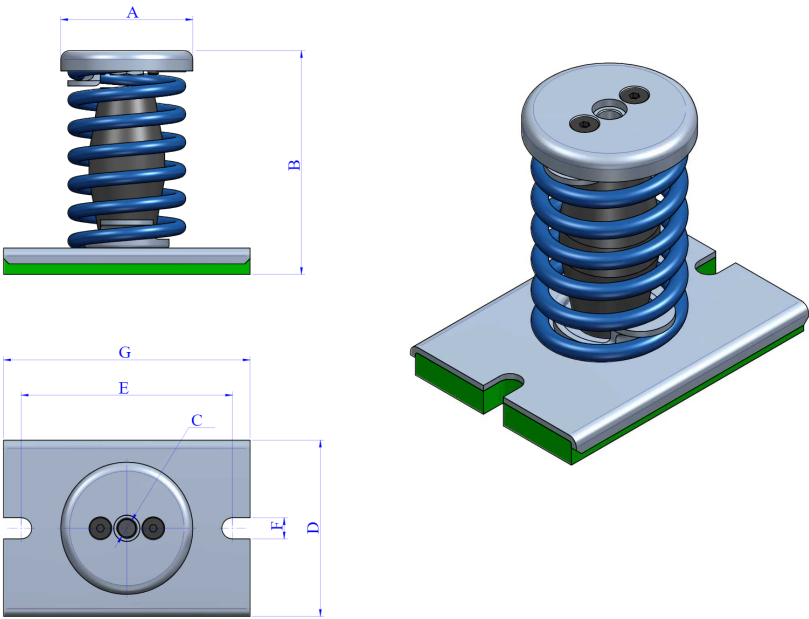
The **high elasticity of the steel spring** enables **natural frequencies from 3.5 to 8 Hz**, providing effective low-frequency vibration isolation and reducing the dynamic forces transmitted to the supporting structure.

Reducing vibration transmission helps **protect the machine and its components against dynamic stresses and fatigue**, 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 spring.

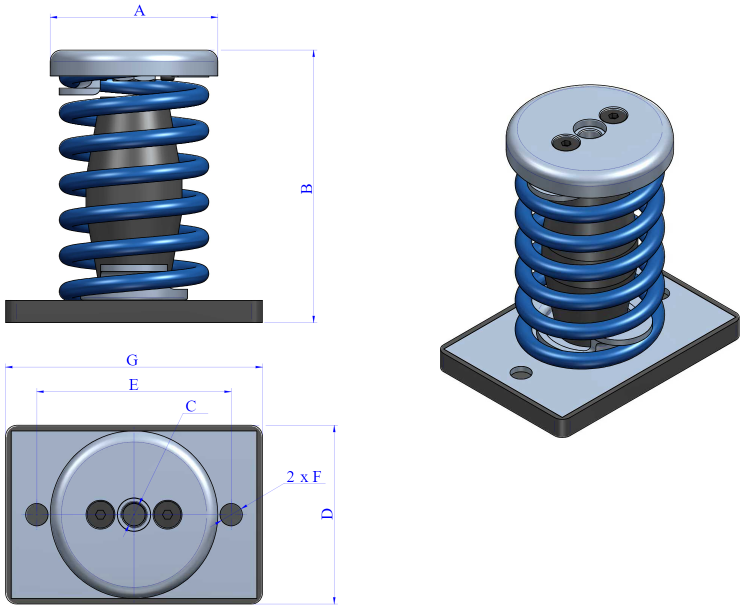
Drawings

1 AMC + Sylomer®



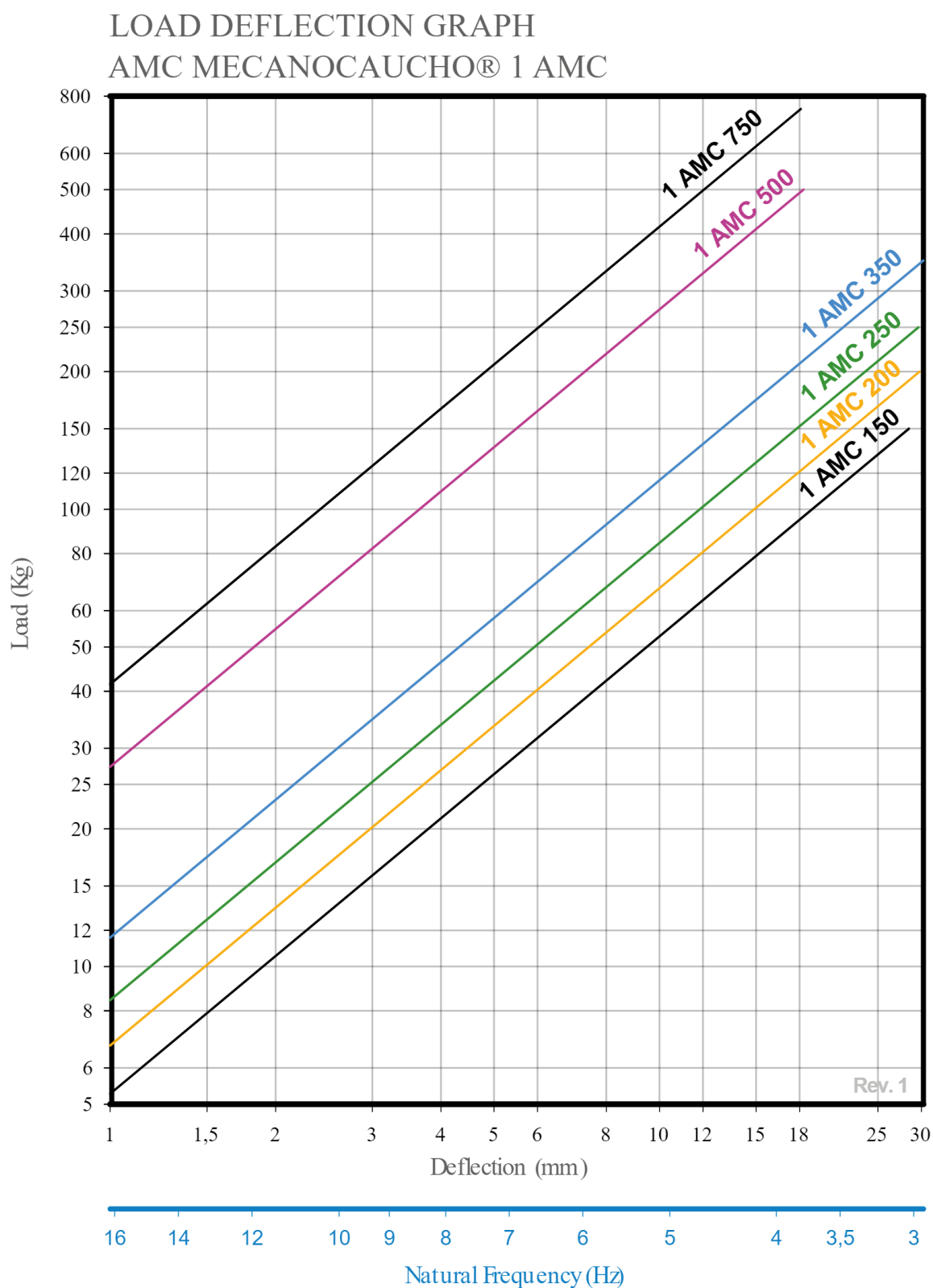
Type	Code	Spring color	Max. Load (lbs)	K(N/mm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	Weight(lbs)
1 AMC + Sylomer®	20371	BLUE	331	52	2.95	5	M-12	3.88	4.72	0.47	5.51	2
	20372	WHITE	441	66	2.95	5	M-12	3.88	4.72	0.47	5.51	3
	20373	BLACK	551	83	2.95	5	M-12	3.88	4.72	0.47	5.51	3
	20374	CREAM	771	114	2.95	5	M-12	3.88	4.72	0.47	5.51	3
	20375	LIGHT GREY	1102	268	3.66	5	M-14	3.88	4.72	0.47	5.51	6
	20376	GREEN	1653	407	3.66	5	M-14	3.88	4.72	0.47	5.51	7

1 AMC



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1 AMC	20301	BLUE	331	52	2.95	4.8	M-12	3.15	3.43	0.39	4.53	2
	20311	WHITE	441	66	2.95	4.8	M-12	3.15	3.43	0.39	4.53	3
	20321	BLACK	551	83	2.95	4.8	M-12	3.15	3.43	0.39	4.53	3
	20331	CREAM	771	114	2.95	4.8	M-12	3.15	3.43	0.39	4.53	3
	20341	LIGHT GREY	1102	268	3.66	4.72	M-14	3.94	4.72	0.47	5.91	6
	20351	GREEN	1653	407	3.66	4.72	M-14	3.94	4.72	0.47	5.91	7

Elastic properties



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