

1 AMC Anti-Seismic Spring Isolators

Anti-seismic spring vibration isolators with integrated seismic restraints, designed to provide low-frequency vibration isolation and mechanical protection of equipment under seismic conditions



AMC-MECANOCAUCHO® 1 AMC Anti-Seismic Spring Isolators combine **high-deflection steel springs** with an **integrated seismic restraint system** to provide both effective vibration isolation and mechanical protection of equipment under seismic conditions.

Under normal operating conditions, the springs allow the movement required for effective **low-frequency vibration isolation**. Under exceptional or seismic loads, the **seismic restraint system** limits excessive equipment movement and helps maintain its mechanical integrity.

The restraint system has been specifically designed to **withstand high dynamic loads** that may occur during a seismic event without compromising vibration isolation performance under normal operating conditions.

These spring isolators are particularly suitable for **equipment incorporating moving or rotating components**, including **fans, pumps, compressors, refrigeration units, generator sets, and HVAC equipment**, where both low-frequency vibration isolation and mechanical protection in seismic zones are required.



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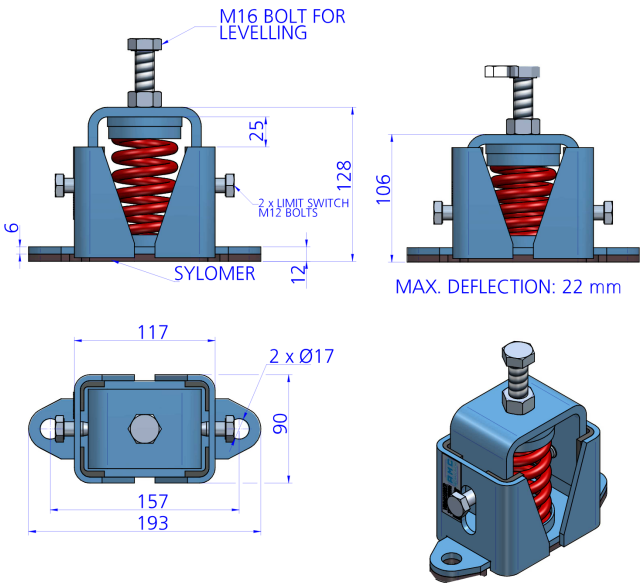
sales@amcsa.es



www.mecanocaucho.com

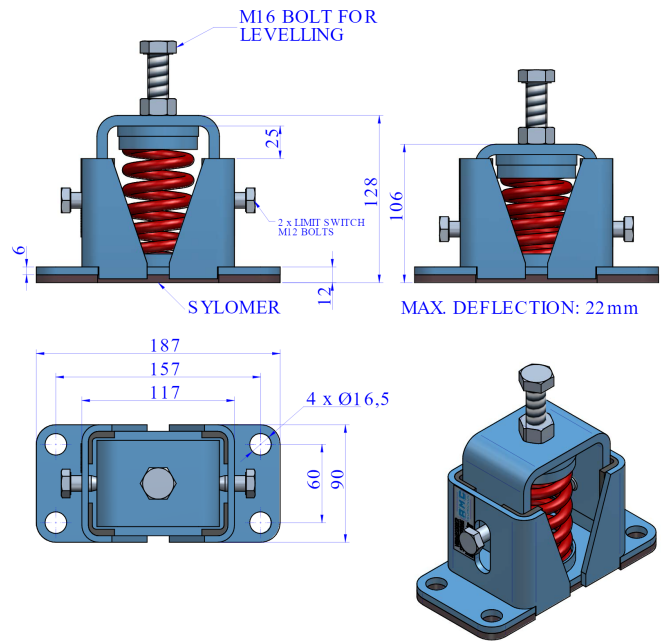
Drawings

1 AMC ANTI-SEISMIC + SYLOMER



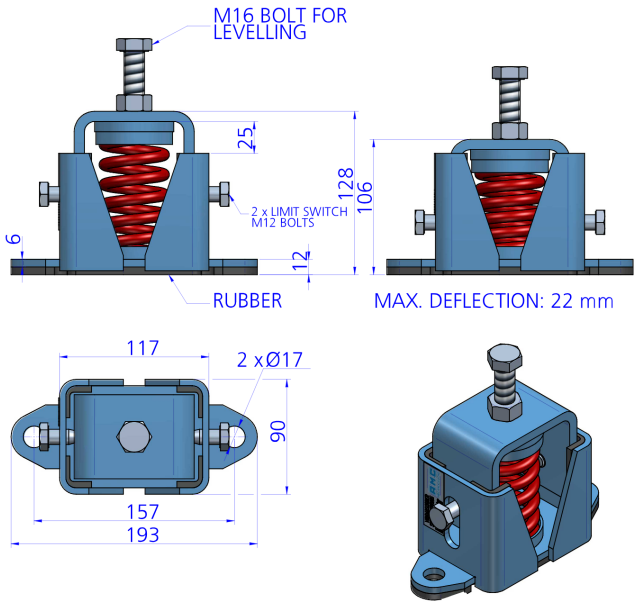
Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
1 AMC ANTI-SEISMIC + SYLOMER	20338	1	YELLOW	441	0.87	92	7
	20413	1	PURPLE	672	0.87	146	7
	20377	1	GREEN	893	0.87	166	8
	20378	1	GREY	1190	0.87	255	7
	20379	1	WHITE	1349	0.87	278	7
	20380	1	RED	1770	0.87	392	8

1 AMC ANTI-SEISMIC + SYLOMER 4 Holes



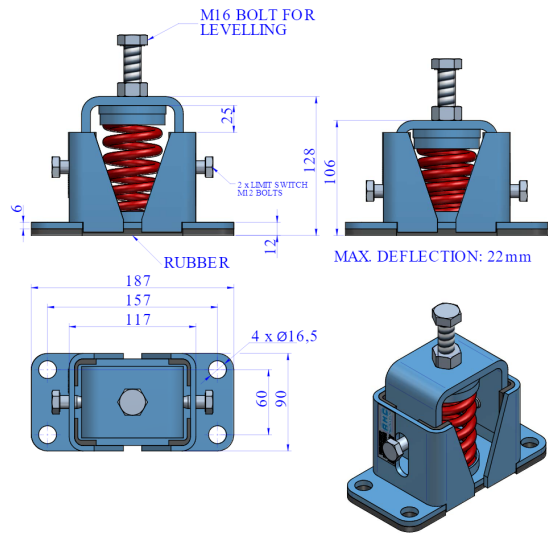
Type	Code	Spring color	Max. Load (lbs)	No. Springs	Deflection(in)	K(N/mm)	Weight(lbs)
1 AMC ANTI-SEISMIC + SYLOMER 4 Holes	21500	YELLOW	441	1	0.87	92	8
	21501	PURPLE	672	1	0.87	146	8
	21502	GREEN	893	1	0.87	166	8
	21503	GREY	1190	1	0.87	255	8
	21504	WHITE	1349	1	0.87	278	8
	21505	RED	1770	1	0.87	392	8

1 AMC ANTI-SEISMIC



Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
1 AMC ANTI-SEISMIC	20410	1	YELLOW	441	0.87	92	8
	20409	1	PURPLE	672	0.87	146	7
	20381	1	GREEN	893	0.87	166	7
	20382	1	GREY	1190	0.87	255	7
	20383	1	WHITE	1349	0.87	278	7
	20384	1	RED	1770	0.87	392	8

1 AMC ANTI-SEISMIC 4 Holes



Type	Code	Spring color	Max. Load (lbs)	No. Springs	Deflection(in)	K(N/mm)	Weight(lbs)
1 AMC ANTI-SEISMIC 4 Holes	21506	YELLOW	441	1	0.87	92	8
	21507	PURPLE	672	1	0.87	146	8
	21508	GREEN	893	1	0.87	166	8
	21509	GREY	1190	1	0.87	255	8
	21510	WHITE	1349	1	0.87	278	8
	21511	RED	1770	1	0.87	392	8



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Elastic properties

LOAD DEFLECTION GRAPH
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