

ANTISEISMIC SPRING MOUNTS

These brackets are made of mechanical anchoring systems which ensure your unit applications static and provide high reliability for the isolation of low frequency vibrations. In order to improve their performance in seismic applications the technical department of AMC-MECANOCAUCHO designed a new internal architecture to resist such environments.

In addition to its resistance these pieces offer the following advantages:


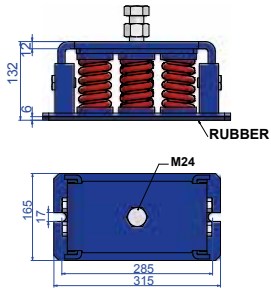

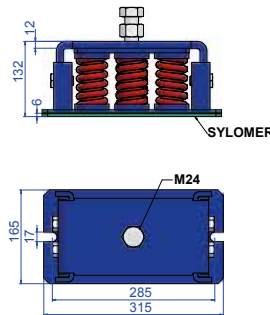
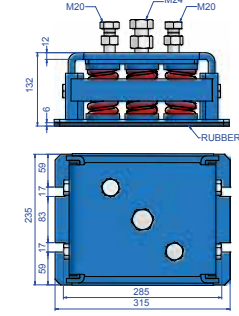

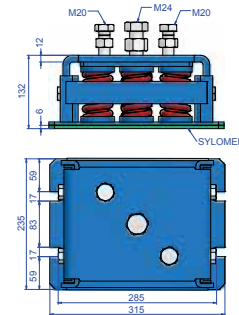
- **TRANSPORT SAFETY:** Vibrabsorber seismic brackets feature a locking device, so that the brackets are locked during transport of the machine.
- **NOISE ISOLATION STRUCTURE:** The supports vibrabsorber seismic Sylomer® have in their interior, microcellular polyurethane insulates this mid and high frequencies that are transmitted by the spring.


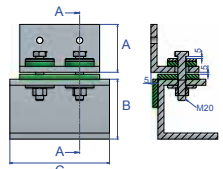


	Type	Code	No. Springs	Spring colour	DEFLECTION mm.	LOAD Kg. MAX
	1 AMC	20409	1	PURPLE	22	305
		20381	1	GREEN	22	405
		20382	1	GREY	22	540
		20383	1	WHITE	22	612
		20384	1	RED	22	803
	1 AMC + SYLOMER	20413	1	PURPLE	22	305
		20377	1	GREEN	22	405
		20378	1	GREY	22	540
		20379	1	WHITE	22	612
		20380	1	RED	22	803
	2 AMC	20494	2	PURPLE	22	610
		20496	2	GREEN	22	815
		20497	2	GREY	22	1080
		20498	2	WHITE	22	1225
		20500	2	RED	22	1610
	2 AMC + SYLOMER	20480	2	PURPLE	22	610
		20487	2	GREEN	22	815
		20488	2	GREY	22	1080
		20489	2	WHITE	22	1225
		20490	2	RED	22	1610
	4 AMC	20700	4	PURPLE	22	1220
		20696	4	GREEN	22	1620
		20697	4	GREY	22	2160
		20698	4	WHITE	22	2448
		20699	4	RED	22	3212
	4 AMC + SYLOMER	20686	4	PURPLE	22	1220
		20687	4	GREEN	22	1620
		20688	4	GREY	22	2160
		20689	4	WHITE	22	2448
		20690	4	RED	22	3212

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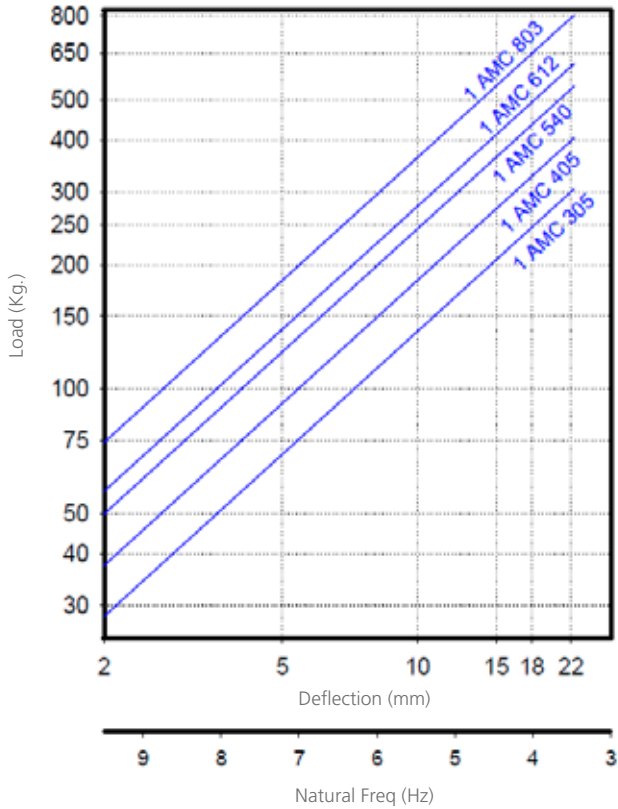


		Type	Code	No. Springs	Spring colour	DEFLECTION mm.	LOAD Kg. MAX
 	6 AMC	20761	6	PURPLE	22	1830	
		20762	6	GREEN	22	2430	
		20763	6	GREY	22	3240	
		20764	6	WHITE	22	3672	
		20765	6	RED	22	4818	
 	6 AMC + SYLOMER	20766	6	PURPLE	22	1830	
		20767	6	GREEN	22	2430	
		20768	6	GREY	22	3240	
		20769	6	WHITE	22	3672	
		20770	6	RED	22	4818	
 	9 AMC	20961	9	PURPLE	22	2745	
		20962	9	GREEN	22	3645	
		20963	9	GREY	22	4860	
		20964	9	WHITE	22	5508	
		20965	9	RED	22	7227	
 	9 AMC + SYLOMER	20992	9	PURPLE	22	2745	
		20993	9	GREEN	22	3645	
		20994	9	GREY	22	4860	
		20995	9	WHITE	22	5508	
		20996	9	RED	22	7227	

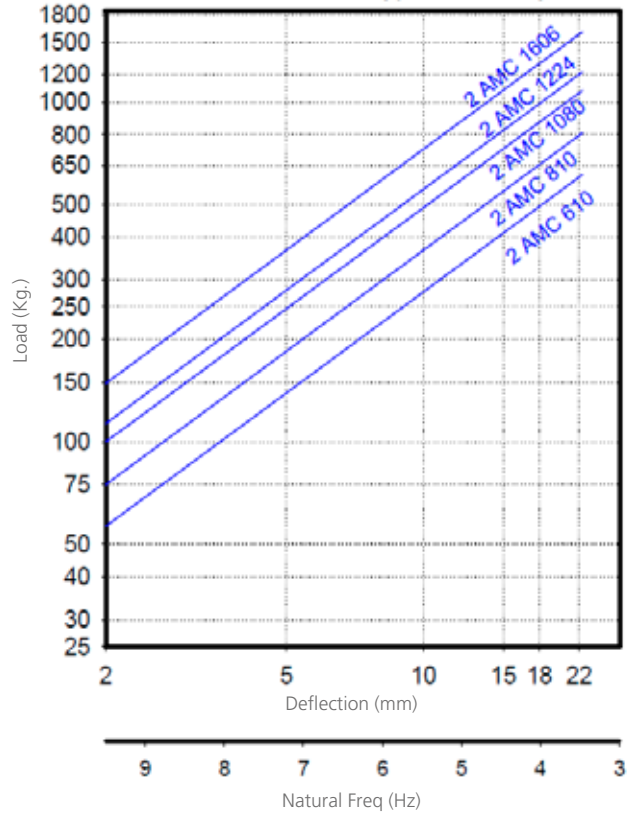
		Type	SUMMARY	Code
 	SNUBBER 4 ANTI-SEISMIC	Dimensions A, B, C and D could vary according to the selected mount and the characteristics of the frame		20670

ANTISEISMIC ELASTICAL PROPERTIES

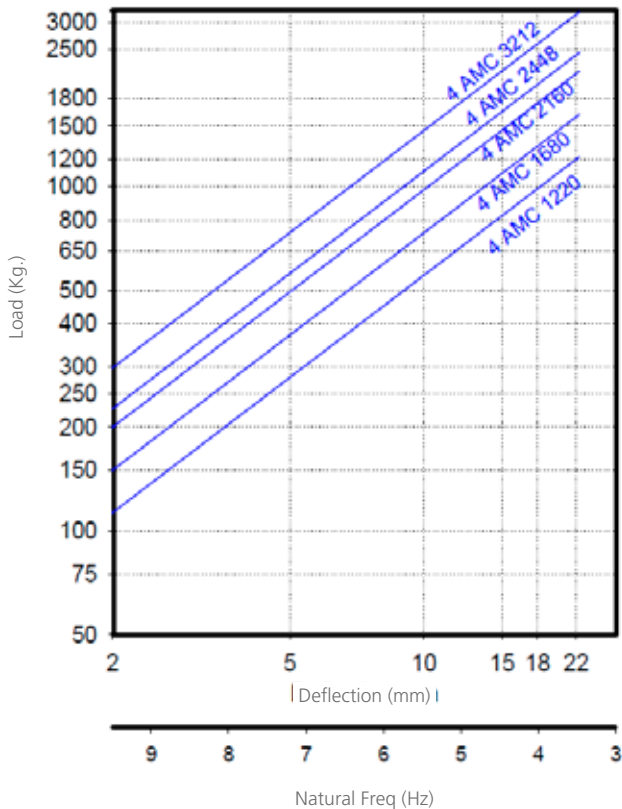
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1 AMC Antiseismic mount



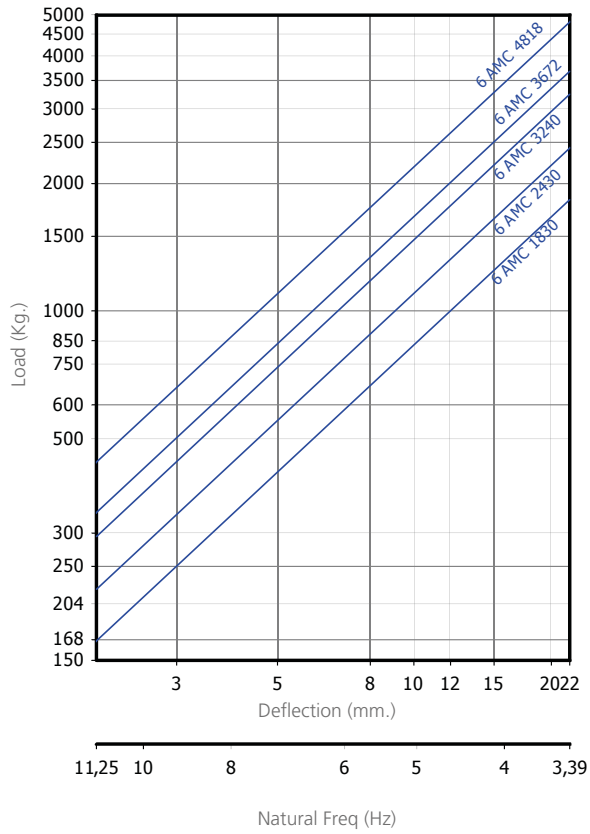
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2 AMC Antiseismic mount



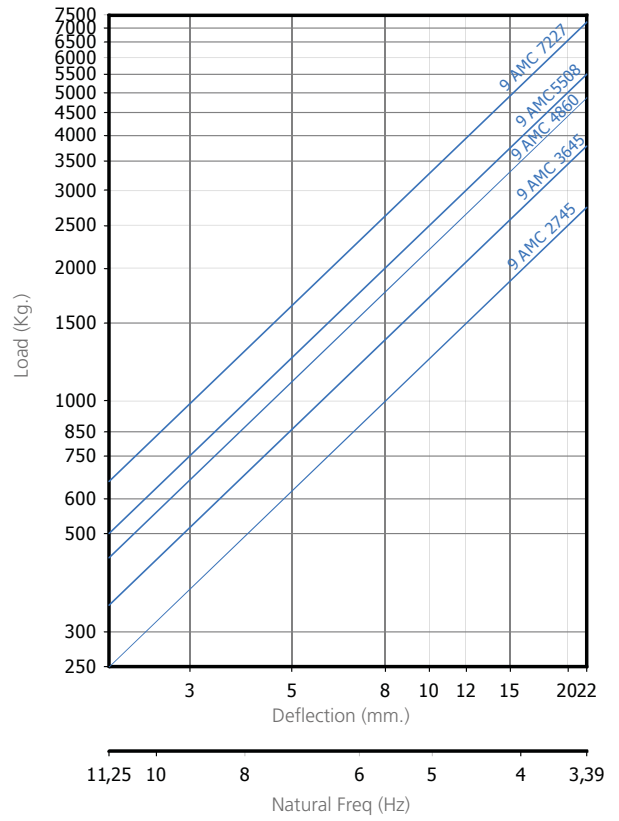
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4 AMC Antiseismic mount



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6 AMC Antiseismic mount



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9 AMC Antiseismic mount



ANTISEISMIC ASSEMBLY INSTRUCTIONS

- Elevate the equipment and place the mounts under the equipment.
- Coordinate the location of each mount, depending on the installation drawing or the positions recommended in the theoretical calculations.
- Lower the equipment and support it on the spring mounts, taking care not to overload any of the spring mounts.
- Turn the leveling screw clockwise on the lowest equipment corner until the equipment is level. Do not attempt to place all the weight on any one spring mount, but distribute the load proportionately.
- Continue to turn each leveling screw until the top load plate reaches operating height (see static deflection values of the theoretical calculations).
- Make sure that the M16 Anti-traction screws are correctly installed on both lateral sides of the spring mount. It is not necessary to apply any tighten torque on them.
- When the equipment is completely installed and operating, tighten each M16 nut of the leveling screw.
- Do not attempt to move the isolators laterally with the weight of the equipment on them, in order to avoid any bend or brake of the spring mount housing or slippage of the Sylomer® pad and the bottom housing.

