Rubber Metal anti vibration mounts

MARINE MOUNT

AMC MECANOCAUCHO
NOISE AND VIBRATION SOLUTIONS

AMC-Mecanocaucho® Marine Mounts are also ideal for mobile applications thanks to their rugged architecture.

Their special design offers multi-axial stiffnesses values , high vertical elasticity,increased longitudinal stiffness and optimal lateral stiffness for improved vibration isolation on that axis.

TECHNICAL CHARACTERISTICS

- The top part of the hood has a cross-shaped indentation , which enhances its rigidity in mobile applications and also improves the flow of oils or liquids which splash onto it.

- The metal parts have an anticorrosive treatment which is suitable for outdoor applications.RoHs compliant.

- The mounts are clearly identified, as the bases are engraved with the type and hardness.

- They have an interlocking metal component that provides a fail-safe protection for mobile applications. This device limits vertical movement when the mounting is submitted to shock inputs.

- The top part protects the elastomer inside from possible dripping oil, diesel, ozone and ultraviolet rays which can cause major damage to the rubber. -For marine engine applications, contact the AMC Mecanocaucho ® Technical Department. The different stiffnesses for each axis make it possible to offer major flexibility in the direction perpendicular to the crankshaft of the engine. This provides more effective isolation from vibrations of all types of engines.

APPLICATIONS

For use In mobile rotating machines that need maximum attenuation of vibration and noise, such as:

- Pumps

- Marine-Land units

- Mobile electrical panels

- Industrial vehicles

MARINE MOUNT

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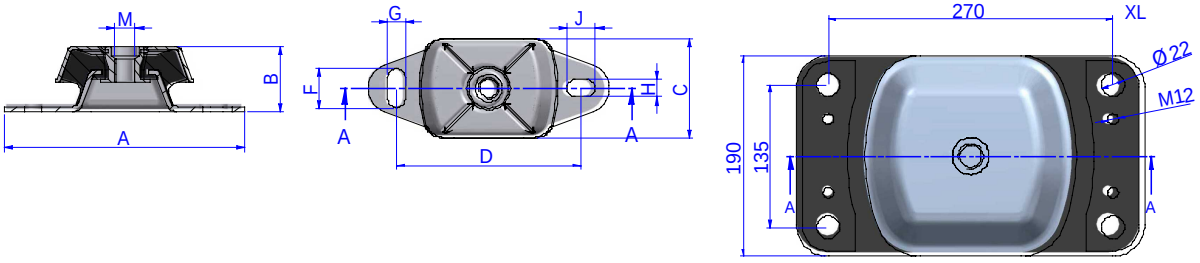
RMC MECANOCAUCHO NOISE AND VIBRATION SOLUTIONS

DRAWINGS



DIMENSIONS

Type	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	G (mm)	H (mm)	J (mm)	M	Weight (gr.)	Load (kg)	Shore	Code
SMALL	120	40	60	100	14	11	14	11	M-12	397	35	40 Sh	136001
											45	45 Sh	136002
											70	55 Sh	136003
											95	65 Sh	136004
											110	75 Sh	136005
MEDIUM	184	50	75	140	30	13	13	22	M-16	857	95	35 Sh	136021
											120	45 Sh	136022
											220	55 Sh	136023
											280	65 Sh	136024
											450	75 Sh	136025
LARGE	228	68	112	182	34	18	18	26	M-20	2250	350	45 Sh	136041
											525	55 Sh	136042
											800	65 Sh	136043
											1080	75 Sh	136044
XL	330	112	190	270	-	-	-	-	M-24	9600	950	40 Sh	136061
											1400	50 Sh	136062
											2200	60 Sh	136063
											3000	70 Sh	136064

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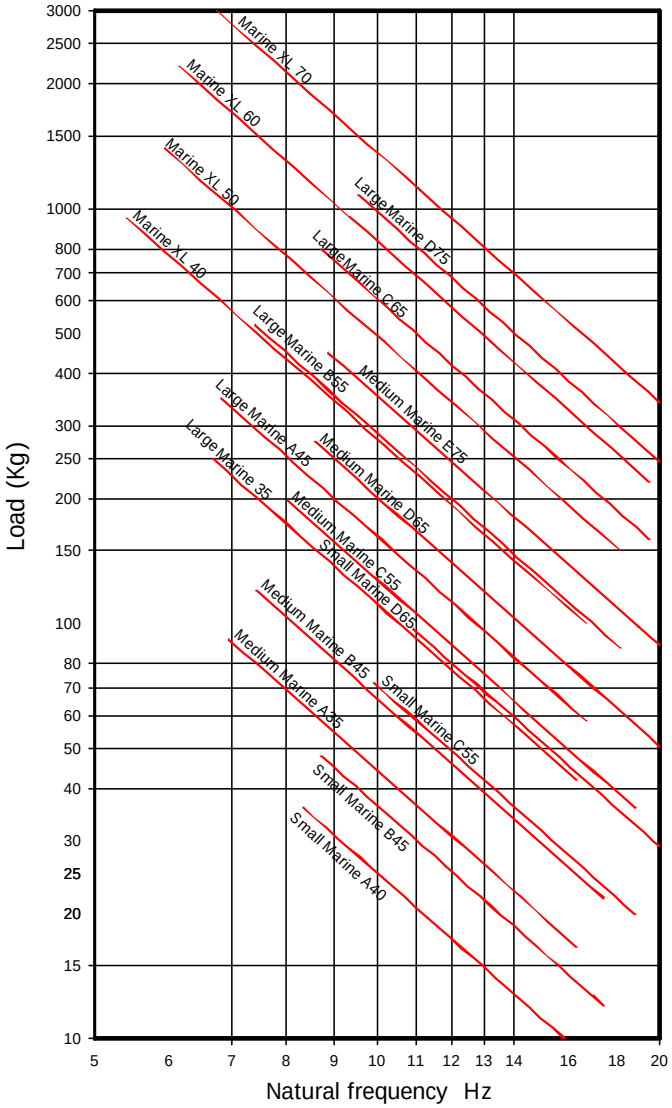
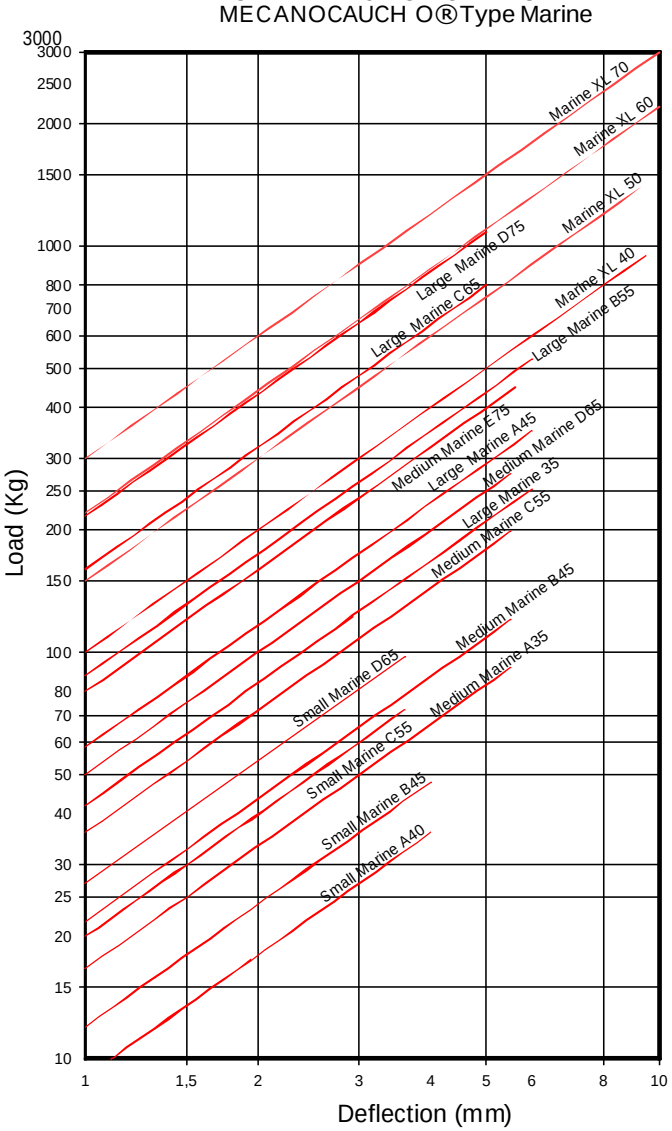
Elastical properties

NATURAL FREQUENCIES AMC
MECANOCAUCH O®Type Marine



LOAD DEFLECTION GRAPHS
MECANOCAUCH O®Type Marine



OPERATION AND ASSEMBLY

RECOMMENDATIONS FOR HOOD MOUNTS

The hood mounts should be be installed between two parallel and perfectly flat surfaces. Mounts operating tilted or twisted do not work properly. This may be due to incorrect alignment, tolerances in the building of the chassis or over-tightened torque during the installation of the Antivibration mounts.

This applies to our marine-type, BSB, BRB or Mecanodamp mounts.