Cone Mounts with Mounting Base

Conical mounts with an integrated mounting base, designed for easy installation while providing effective vibration isolation and high robustness.



The **AMC-MECANOCAUCHO® Conical Mounts with Mounting Base** are rubber-to-metal mounts in which the elastomer works in **compression and shear**, combining effective vibration isolation, stability and movement control.

Their design combines a **robust external metal casing** with a concentric internal conical element. This geometry provides **different stiffness characteristics along the different axes** and stable behaviour under static and dynamic loads.

The **integrated mounting base**, provided with fixing holes, allows the mount to be installed directly onto the chassis, providing a simple and reliable attachment of the equipment.

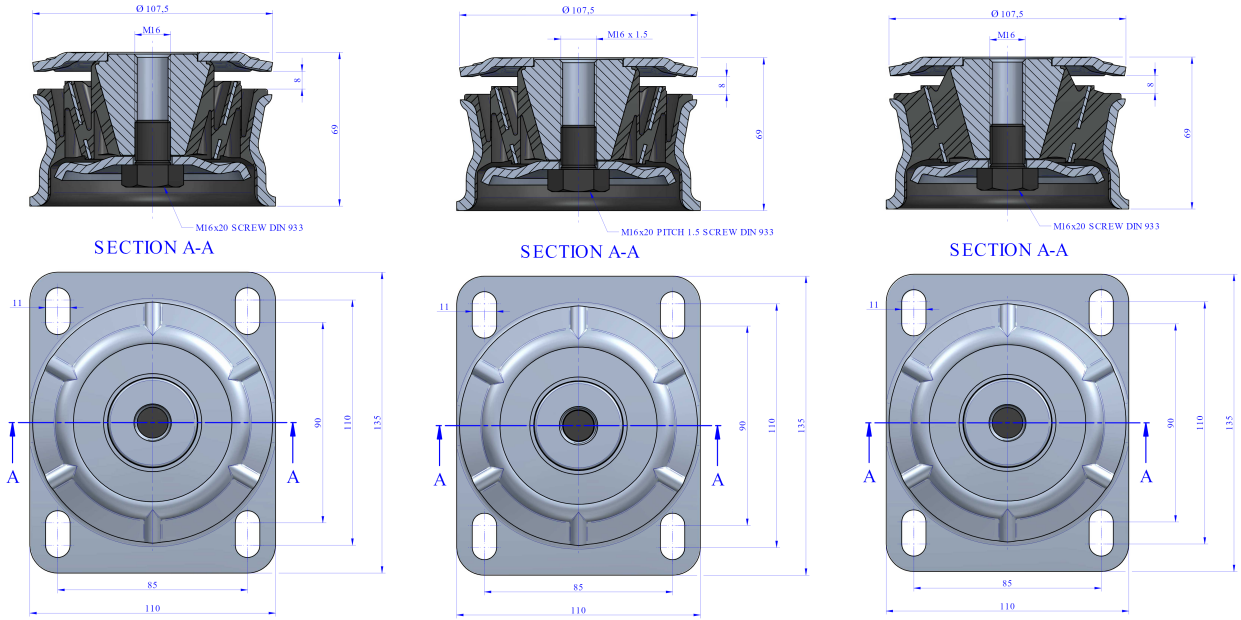
Thanks to their robust design, these mounts are particularly suitable for **engines, generator sets, auxiliary machinery, industrial vehicles and mobile machinery** subjected to vibrations, shocks and demanding dynamic loads.

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Drawings

Cone 50 M16x2 / Cone 50 M16x1,5 / Cone 51 M16x2

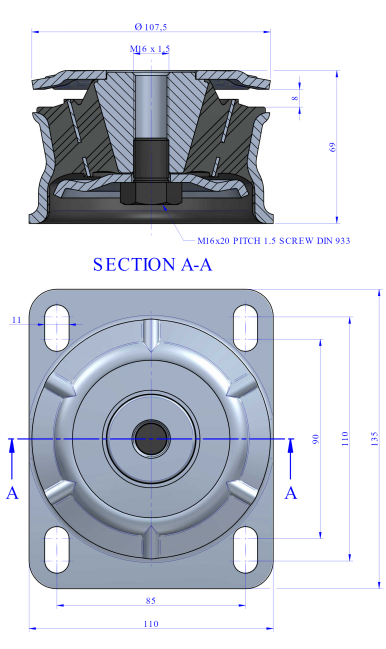


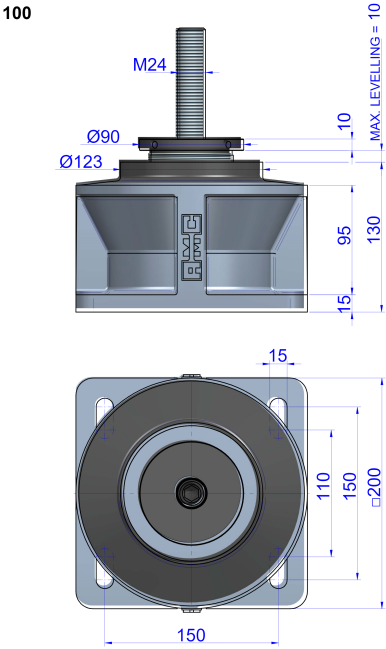
Type	Tightening torque Max. (Nm)	Weight(gr)	Code	Max. Load(kg)	Shore
Cone 50 M16x2	170	1600	137085	120	40 Sh
			137086	170	50 Sh
			137087	250	60 Sh
			137088	300	70 Sh
Cone 50 M16x1,5	170	1600	137231	120	40 Sh
			137233	170	50 Sh
			137235	250	60 Sh
			137237	300	70 Sh
Cone 51 M16x2	170	1750	137095	150	40 Sh
			137096	220	50 Sh
			137097	320	60 Sh
			137098	420	70 Sh

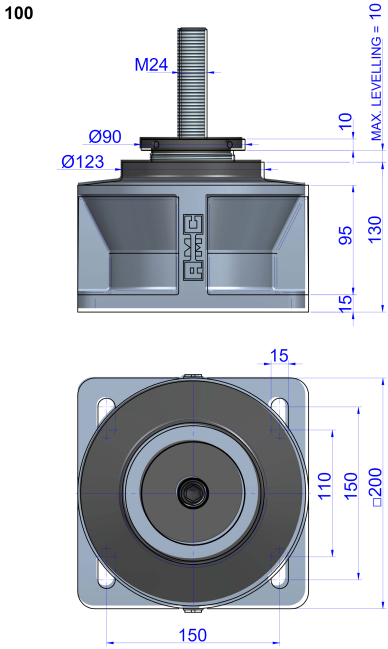
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Cone 51 M16x1,5 / Cone 100 A / Cone 100 B

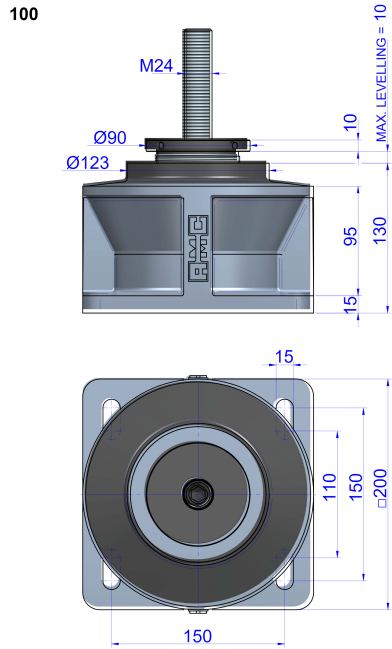


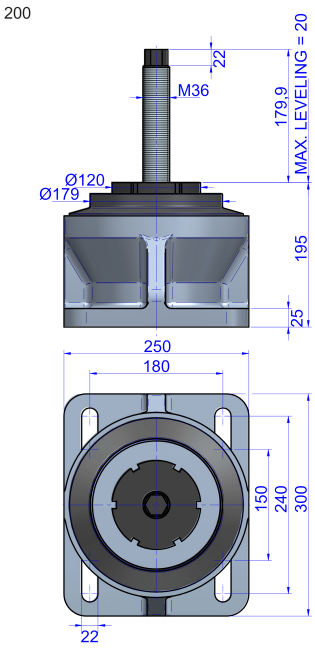


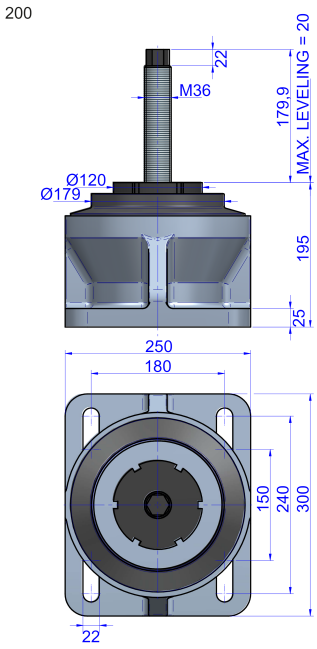


Type	Tightening torque Max. (Nm)	Weight(gr)	Code	Max. Load(kg)	Shore
Cone 51 M16x1,5	170	1750	137241	150	40 Sh
			137243	220	50 Sh
			137245	320	60 Sh
			137247	420	70 Sh
Cone 100 A	600	9626	137213	3750	-
Cone 100 B	600	9626	137214	2300	-

Cone 100 C / Cone 200 A / Cone 200 B







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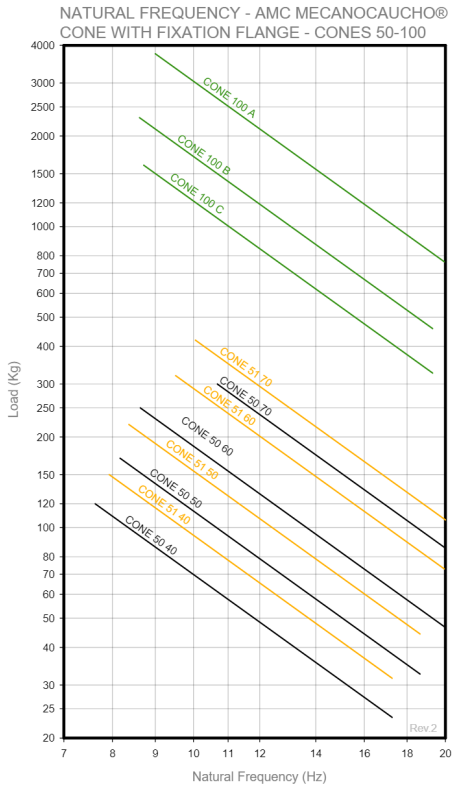
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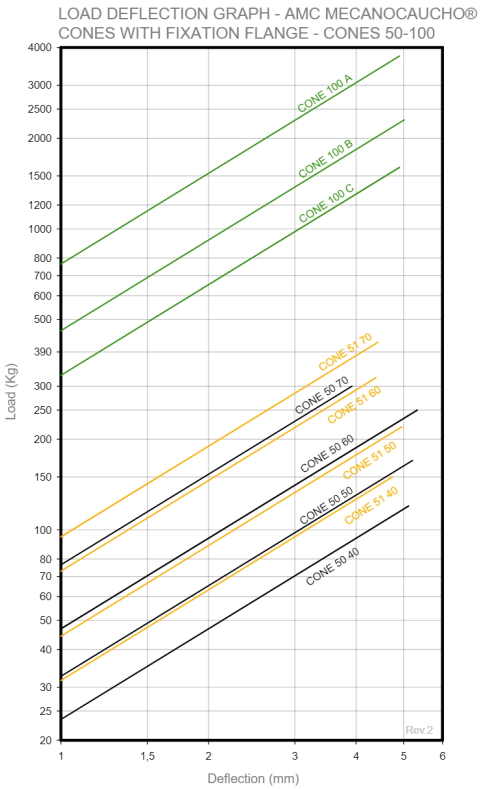
Type	Tightening torque Max. (Nm)	Weight(gr)	Code	Max. Load(kg)	Shore
Cone 100 C	600	9626	137215	1600	-
Cone 200 A	2100	28438	137438	8500	-
Cone 200 B	2100	28438	137437	4500	-

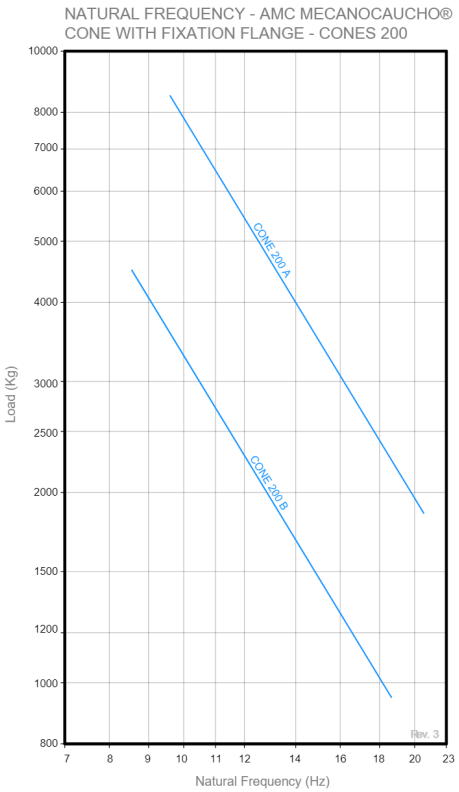
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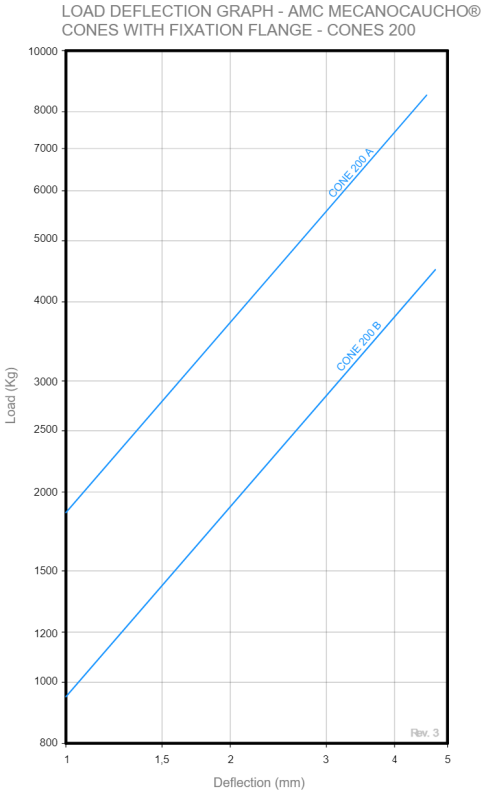
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Elastic properties









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Technical characteristics

The cones with fixation flange from AMC-Mecanocaucho® were designed to offer excellent axial elasticity under heavy loads. The elastomer used is a low dynamic stiffness compound , which makes it possible to obtain low natural frequencies thus maintaining excellent stability of the suspended unit. The mounts radial stiffness is greater than the axial rate . This is particularly interesting for applications where horizontal stability needs to be maintained. The AMC-Mecanocaucho® Cone 100 mount is supplied with a height adjuster. This makes it possible to easily align transmission shafts without having to use additional accessories to do so. All models also incorporate an interlocking metal part that acts as a FAILSAFE system. Thanks to this, and to the ruggedness of the metal parts, this mount is suitable for applications where the suspended unit is submitted to great shocks.

Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

High protection against weathering and chemical contamination

The bell housing protects the rubber from ozone and UV radiation, while also preventing contact with diesel, oils or other chemicals that could damage it.

High robustness in dynamic applications for improved durability

These mounts offer enhanced robustness and are designed to withstand extreme load peaks. They are especially recommended where good durability is required in demanding applications.

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