NP Vibration Isolators

Flanged vibration isolators with high elasticity and similar load capacity in tension and compression, with an optional fail-safe system for demanding dynamic applications.



The **AMC-MECANOCAUCHO® NP Vibration Isolators** consist of a **metal flange and an inner tube bonded by a high-resilience elastomeric element**. Their compact design provides a robust elastic connection suitable for applications subjected to multidirectional dynamic loads.

NP Vibration Isolators offer **similar load capacities in tension and compression**, making them particularly suitable for equipment subjected to changes in load direction and for the **stabilization of suspended assemblies**.

For applications requiring additional mechanical safety, the isolator can be fitted with a **safety washer** that limits excessive movement and provides mechanical retention under severe dynamic loads.

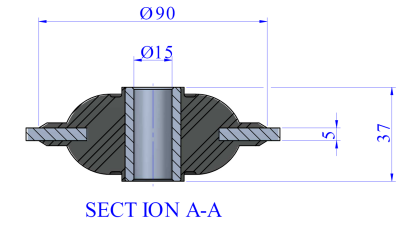
The flange incorporates **four mounting holes**, providing a robust and reliable installation onto the supporting structure.

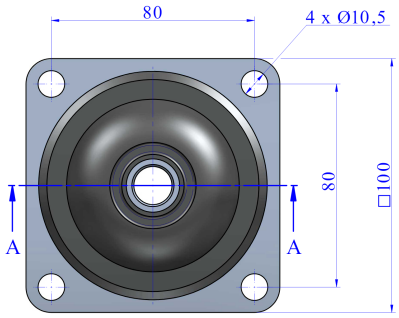
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Drawings

NP1



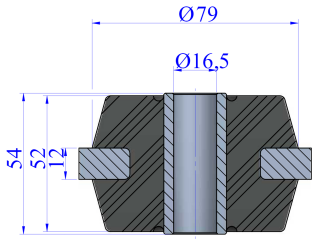


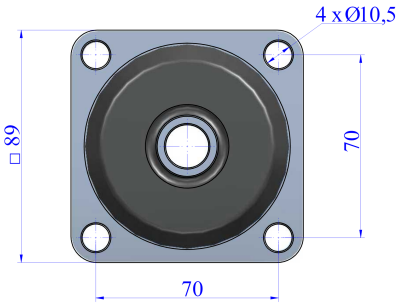
Type	Tightening torque Max. (Nm)	Code	Max. Load(lbs)	Shore
NP1	3.46	138202	551	50Sh
		138201	716	60Sh
		138203	882	70Sh

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NP2



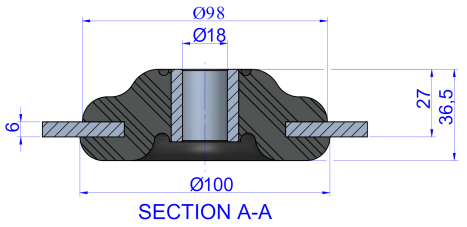


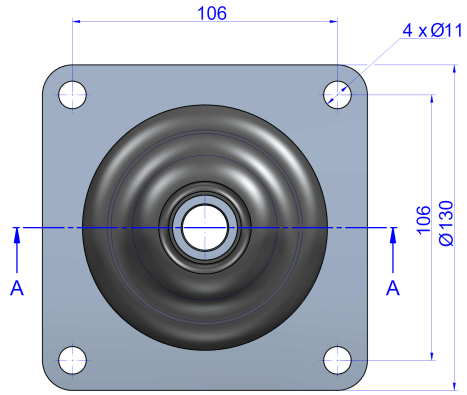
Type	Tightening torque Max. (Nm)	Code	Max. Load(lbs)	Shore
NP2	4.92	138205	705	45Sh
		138206	1212	60Sh
		138207	1653	70Sh

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NP3



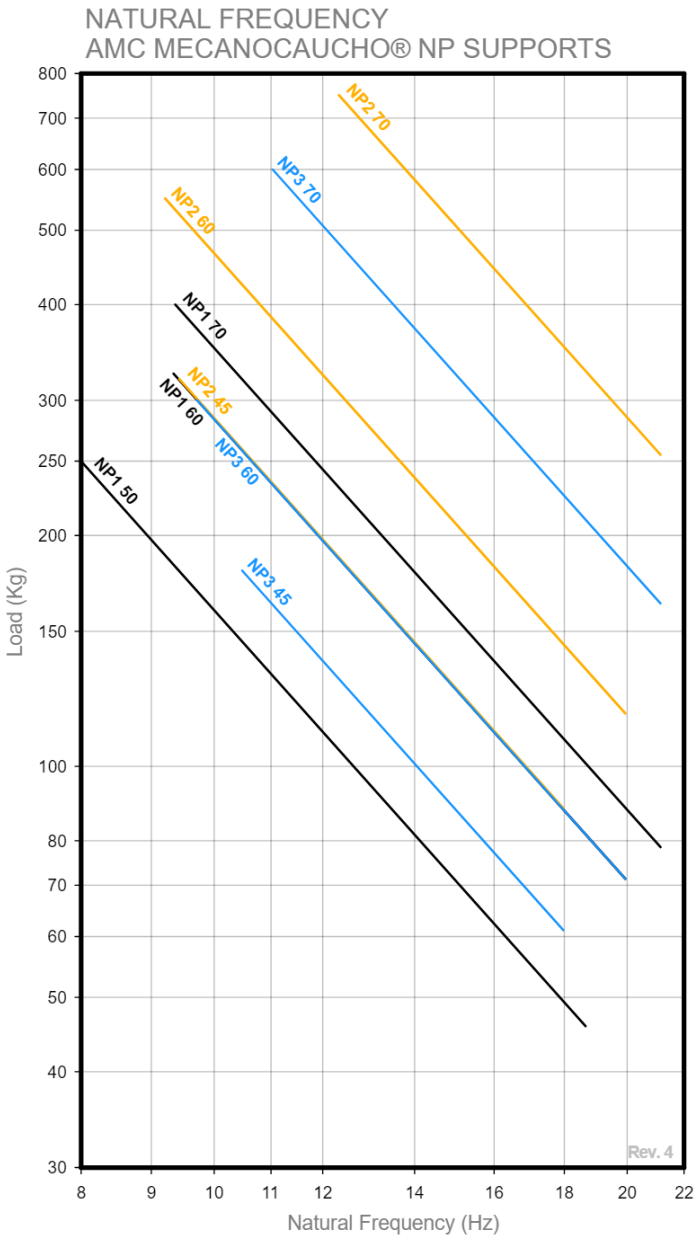


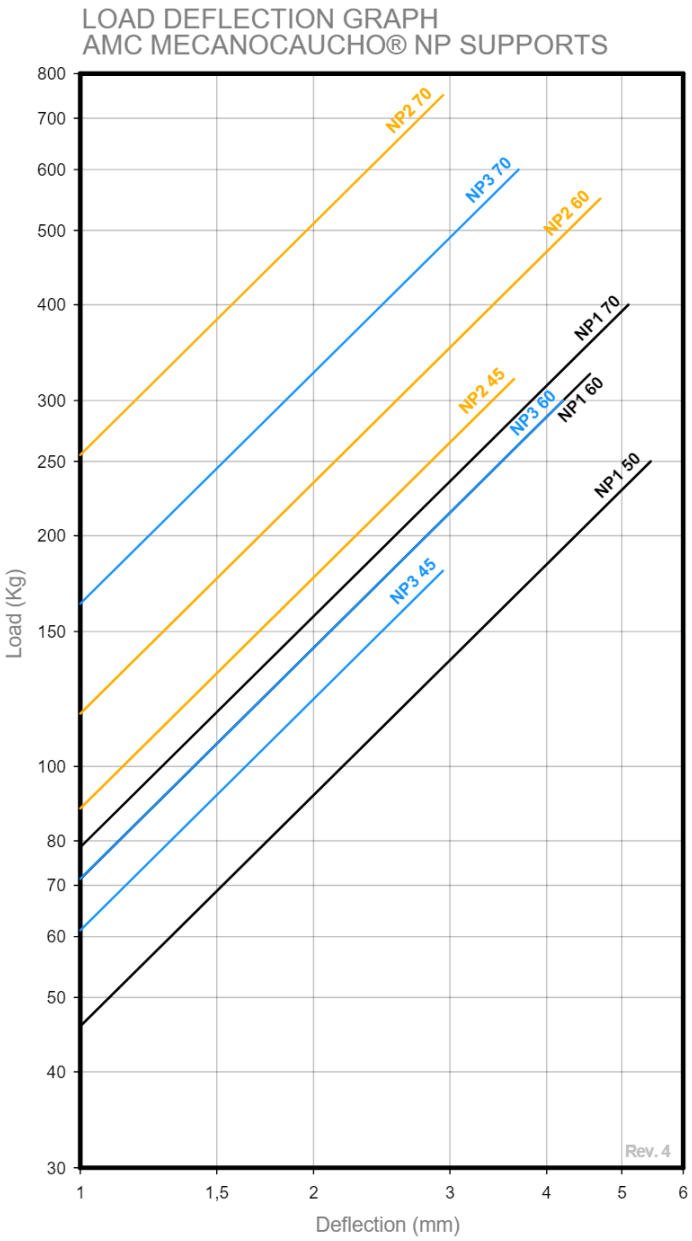
Type	Tightening torque Max. (Nm)	Code	Max. Load(lbs)	Shore
NP3	6.69	138190	242	45Sh
		138191	441	60Sh
		138192	661	70Sh

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Elastic properties





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Technical characteristics

AMC-MECANOCAUCHO® **NP vibration isolators** can be applied in mobile applications when installed with overload/rebound washers.

AMC-MECANOCAUCHO® **NP vibration isolators** are available in several rubber hardnesses to suit the load range of the application.

Advantages

Mount offering high stability

Suspensions built with this mount barely move, thanks to a geometry designed to control the movement of the suspended element.

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 when good durability is required in demanding applications.

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