DSM Vibration Isolators

Dual-Stiffness-Mounts with pre-compressed elastomer, combining effective vibration isolation in normal operation with high stability under dynamic shocks.



The **AMC-MECANOCAUCHO® DSM Vibration Isolators** are designed to apply a **high level of pre-compression to the elastomer during installation**. This characteristic provides a specific dynamic behavior, combining **vibration isolation and stability** within the same isolator.

Under normal operating conditions, their design provides **effective isolation of vibrations** generated by the equipment. When the system is subjected to **shocks or high dynamic loads**, the behavior of the isolator changes to provide greater motion control and improve the stability of the suspended equipment.

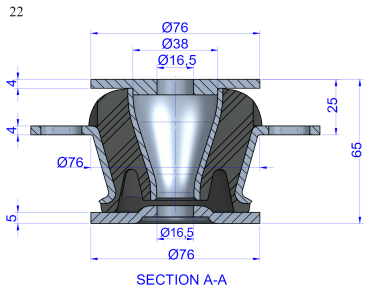
This combination of **pre-compression, dual stiffness and motion control** makes DSM Vibration Isolators particularly suitable for **mobile machinery, vehicles, onboard equipment and industrial applications** where vibration isolation and resistance to shocks are required simultaneously.

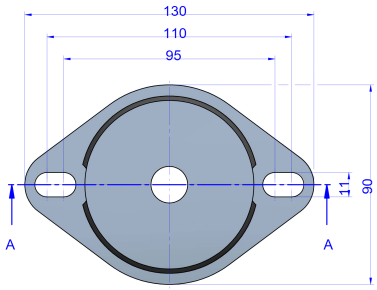
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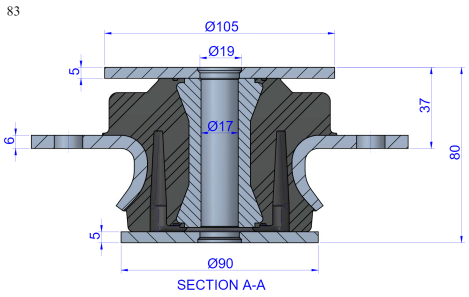
Drawings

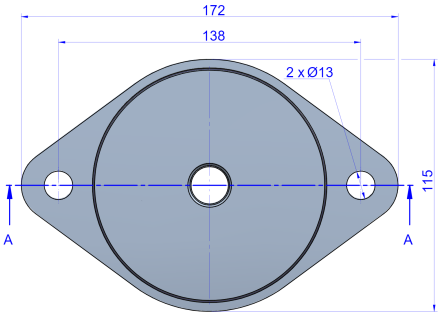
DSM 22 / DSM 83





MAX. TIGHTENING TORQUE: 113 Nm





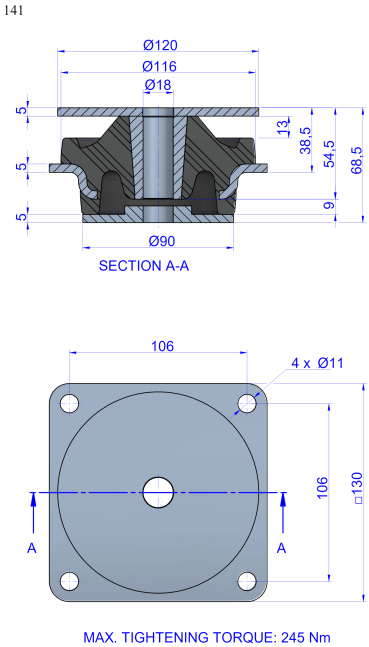
MAX. TIGHTENING TORQUE: 71Nm

Type	Tightening torque Max. (Nm)	Weight(lbs)	Code	Max. Load(lbs)	Shore
DSM 22	4.45	2	137460	551	50 Sh
DSM 83	2.8	4	137461	331	45 Sh
			137462	551	55 Sh
			137463	771	65 Sh

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DSM 141

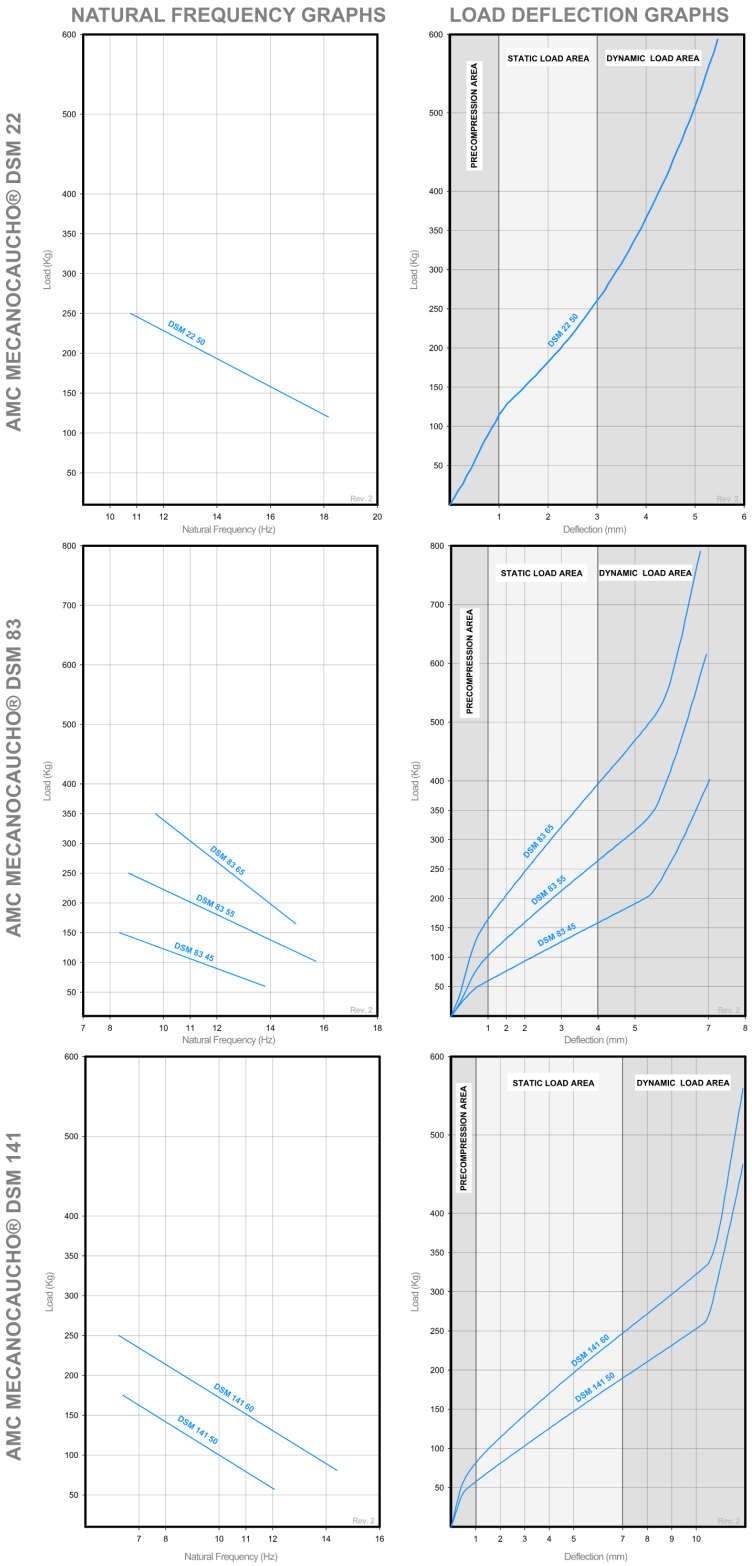


Type	Tightening torque Max. (Nm)	Weight(lbs)	Code	Max. Load(lbs)	Shore
DSM 141	9.65	2	137464	386	50 Sh
			137465	551	60 Sh

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Elastic properties



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