CB Vibration Isolators

Pair-mounted anti-vibration mounts providing high radial elasticity, protection against elastomer fatigue and excellent resistance to dynamic loads.



The **AMC-MECANOCAUCHO® CB Vibration Isolators** are designed to be **installed in pairs**, on either side of the chassis or structure to be isolated. Installation is simplified by using **a single through-bolt**, with washers positioned at both ends of the assembly.

The CB Vibration Isolators incorporate **metal reinforcement in the radial working area**, preventing direct contact between the elastomer and sharp edges around the mounting holes, particularly when these are produced by **laser cutting**. This design helps to **reduce stress concentrations and elastomer fatigue**.

It also allows simple mounting holes to be used **without requiring machined radii or chamfers**, simplifying assembly and helping to reduce manufacturing and installation costs.

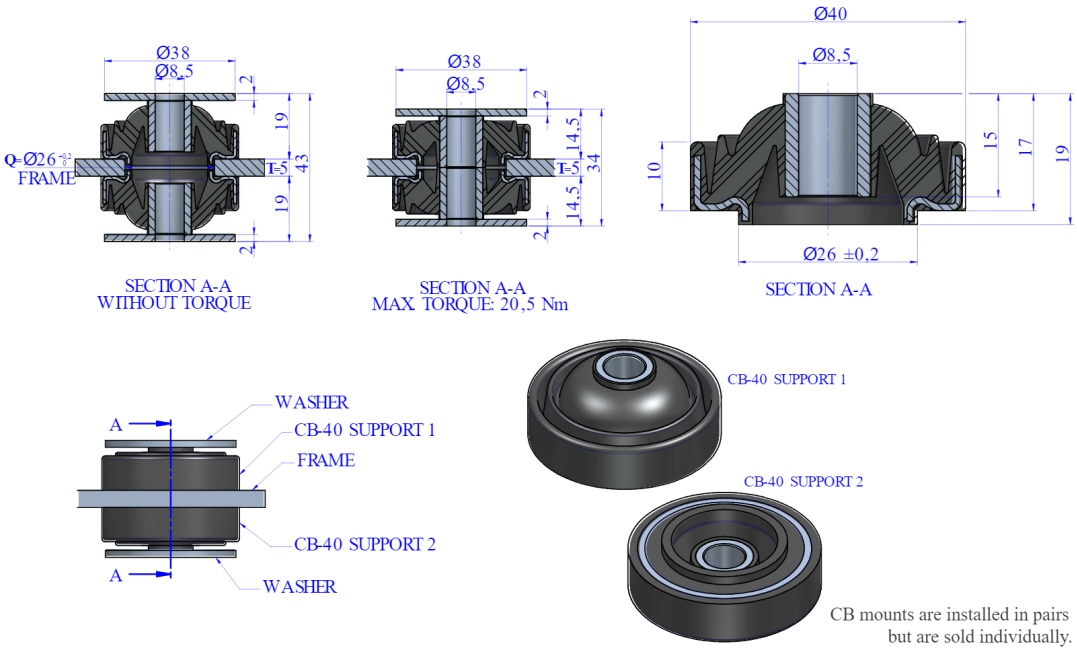
Thanks to their **high radial elasticity** and **multidirectional bump-stop behavior**, CB Vibration Isolators provide effective vibration isolation and shock absorption while limiting excessive movement. They are particularly suitable for **mobile machinery, cabs, off-highway equipment and applications subjected to high dynamic loads**.

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Drawings

CB 40

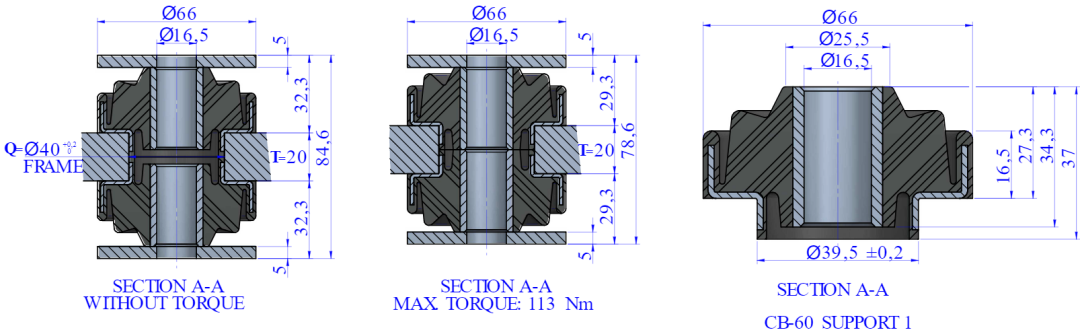


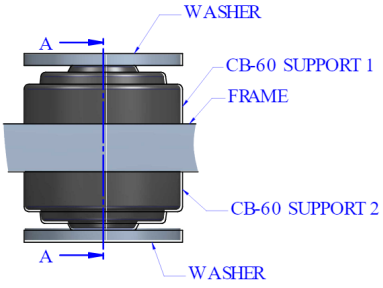
Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 40	0.81	0.2	0.2	1.02	0.07	610053	M8	5/16"	156070	18	45Sh
									156071	40	55Sh
									156072	55	65Sh

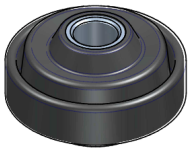
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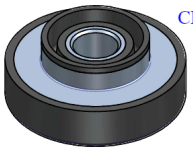
CB 60







CB-60 SUPPORT 2



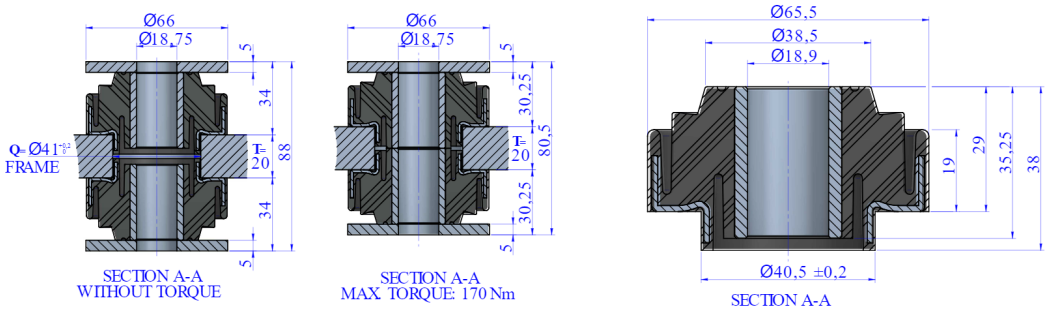
CB mounts are installed in pairs
but are sold individually.

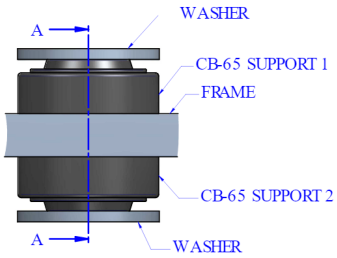
Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 60	4.45	0.79	0.79	1.57	0.31	606130	M16	5/8"	156011	154	45 Sh
									156013	264	55 Sh
									156014	375	65 Sh

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CB 65







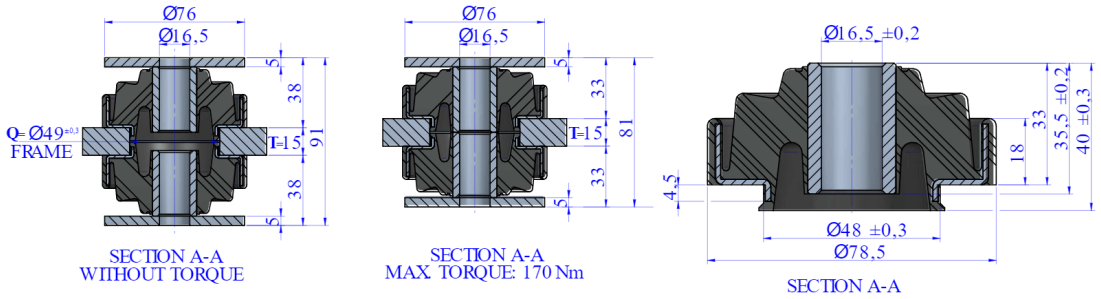
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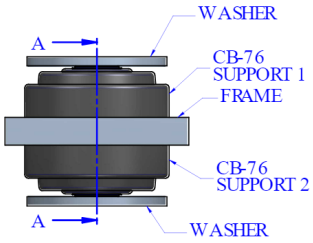
Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 65	6.69	0.79	0.79	1.61	0.39	706004	M18	11/16"	156031	154	45 Sh
									156032	264	55 Sh
									156033	375	65 Sh

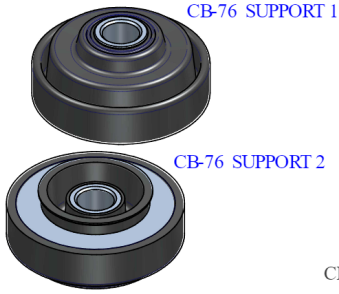
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CB 76







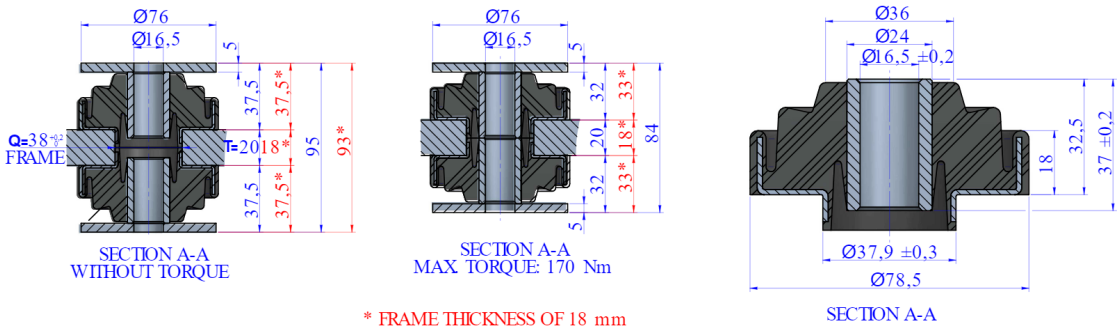
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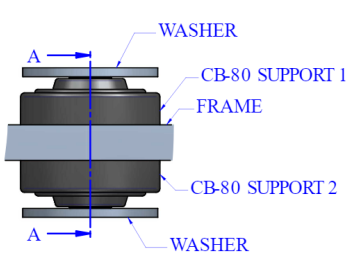
Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 76	6.69	0.59	0.59	1.93	0.49	608074	M16	5/8"	156053	132	45 Sh
									156054	198	55 Sh
									156055	331	65 Sh
									156056	441	75 Sh

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CB 80







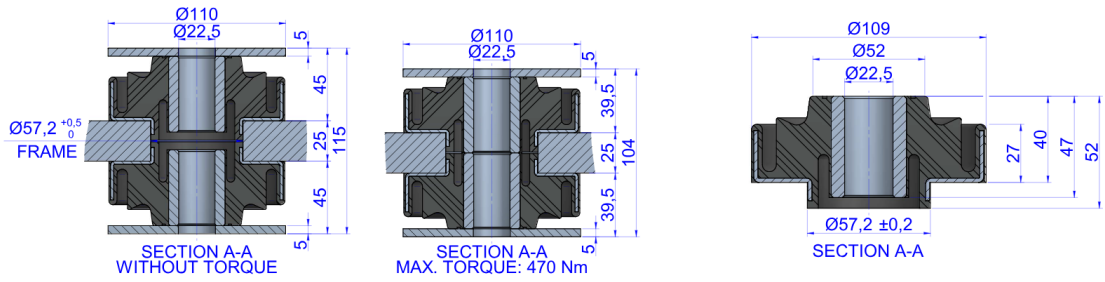
CB mounts are installed in pairs but are sold individually.

Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 80	6.69	0.79	0.71	1.5	1	608074	M16	5/8"	156001	198	45 Sh
									156002	309	55 Sh
									156003	441	65 Sh

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CB 110





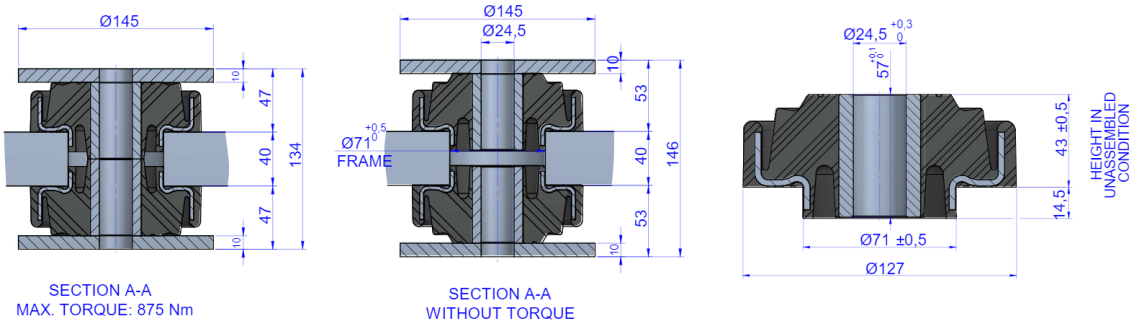
CB mounts are installed in pairs but are sold individually.

Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 110	18.5	0.98	0.98	Ø 57,2 mm +0.5 / -0	1	610192	M22 | M20	7/8" | 3/4"	156021	518	45 Sh
									156022	827	55 Sh
									156023	1212	65 Sh

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CB 125





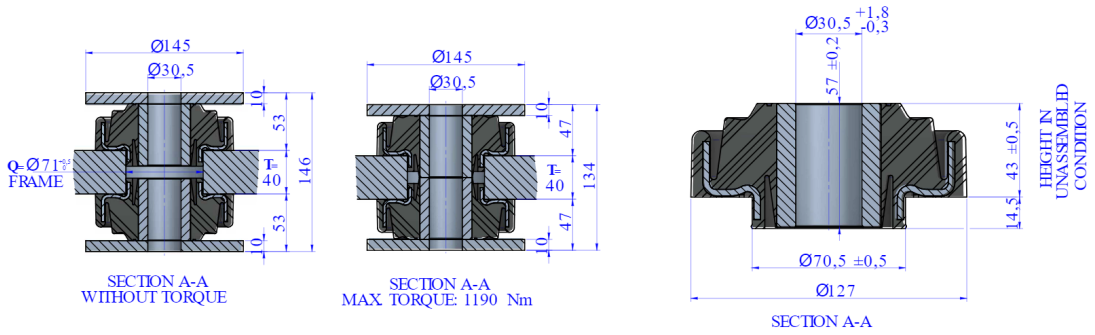
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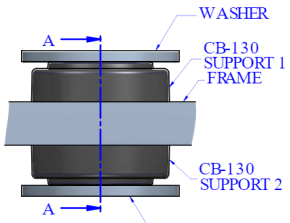
Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 125	34.45	1.57	1.57	2.8	2	608529	M24	15/16"	156089	1102	55 Sh
									156090	1763	75 Sh

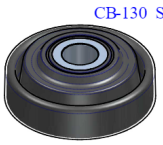
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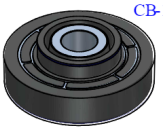
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CB 130









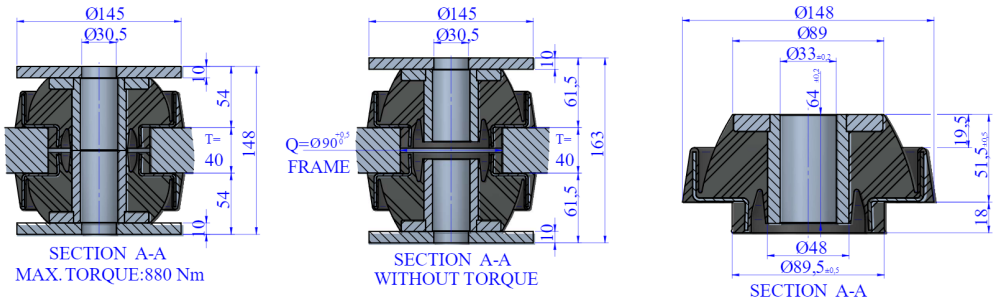
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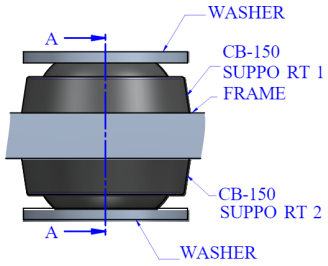
Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 130	46.85	1.57	1.57	2.8	3	608278	M30	1 1/8"	156026	716	45 Sh
									156027	1102	55 Sh
									156028	1322	65 Sh
									156029	1763	70 Sh

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CB 150







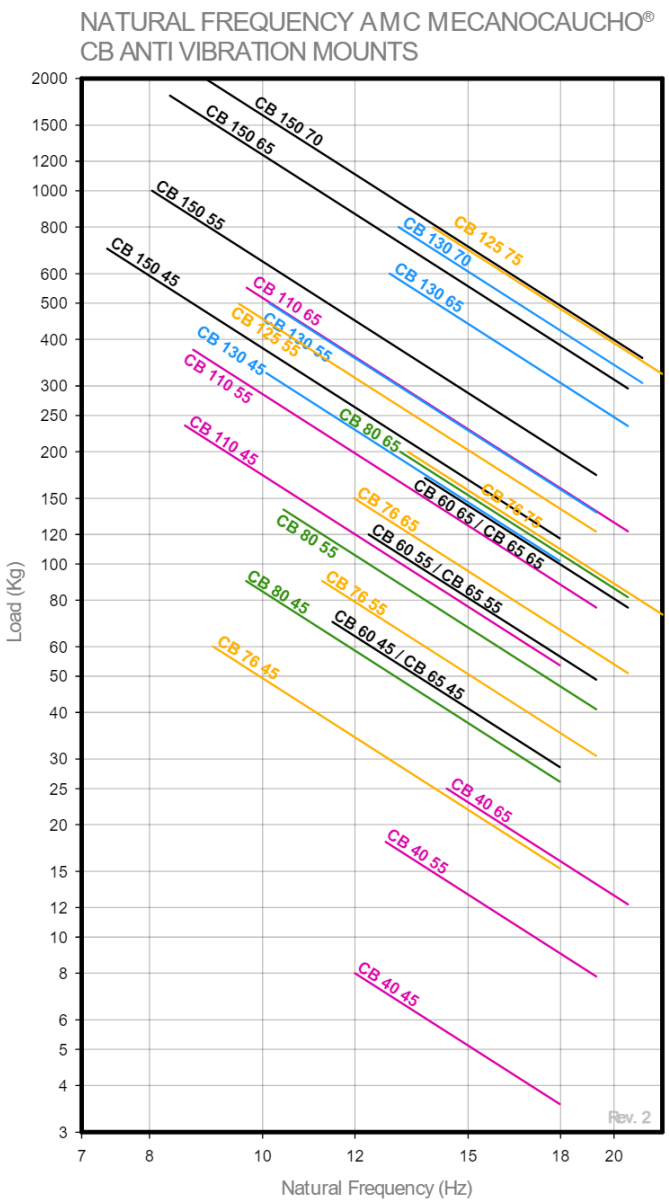
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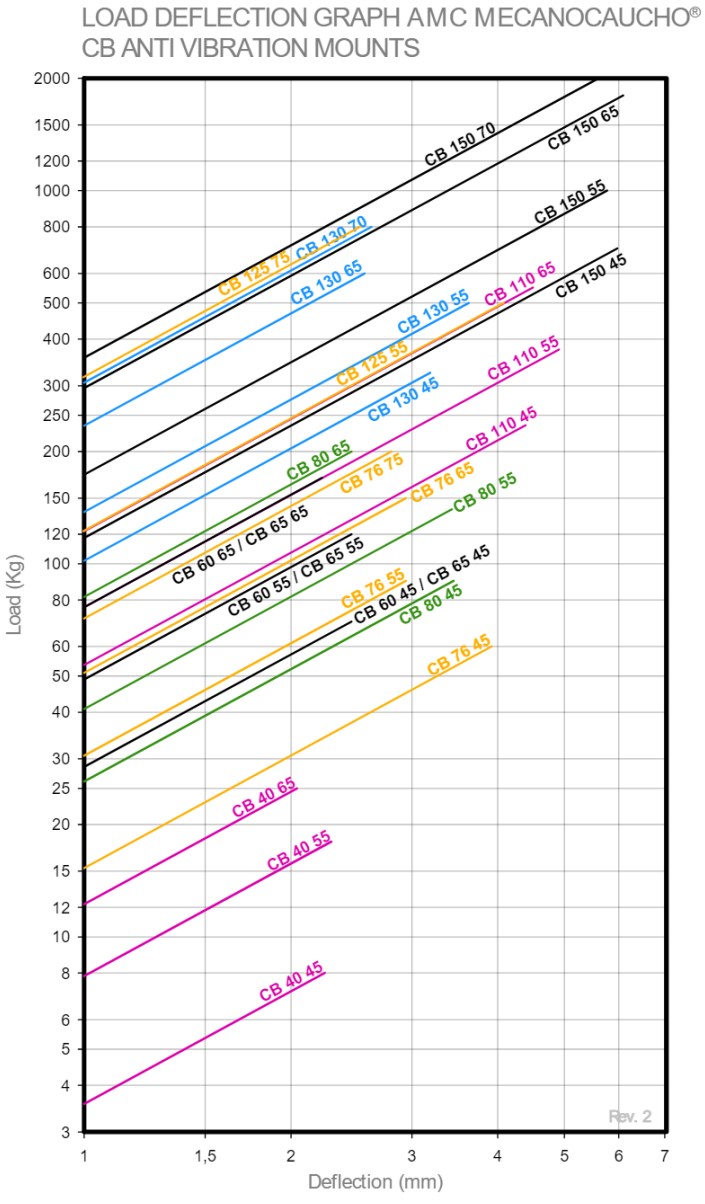
Type	Tightening torque Max. (Nm)	T Max.(in)	T Min.(in)	Q(in)	Weight(lbs)	Washer	Bolt Size (Metric)	Bolt Size (Imperial)	Code	Max. Load (lbs)	Shore
CB 150	34.65	1.57	1.57	3.54	4	608278	M30	1 1/8"	156065	1543	45 Sh
									156066	2204	55 Sh
									156067	3967	65 Sh
									156068	4408	70 Sh

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Elastic properties





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Technical characteristics

• The AMC-MECANOCAUCHO® CB mounts are radially more flexible tan axially. This feature is especially interesting for those machines or equipment where radial axis vibration isolation is important.• The mount is provided with a built in multi-directional snubbering system that limits the maximum allowed displacements.• Different sizes and hardness are available to accommodate applications from 4kg to 800kg per mount.• Metal parts are embedded in rubber in order to prevent corrosion.

Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

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 when good durability is required in demanding applications.

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