BRBX Stainless Steel Captive Mounts

High-deflection stainless steel captive mounts with integrated fail-safe protection for high-performance vibration isolation in demanding environments.

The **AMC-MECANOCAUCHO® BRBX captive mounts** are manufactured in **stainless steel** and designed so that the elastomer works in both **compression and shear**. Their high elastomer profile provides **greater deflection and lower natural frequencies**, resulting in high-performance vibration isolation.

Their design incorporates an **integrated fail-safe feature** that provides mechanical restraint when the equipment is subjected to tensile loads, shocks or significant dynamic forces.

Thanks to their **stainless steel construction**, BRBX mounts provide excellent corrosion resistance and are particularly suitable for **humid, marine and demanding industrial environments**.

Available in a **wide range of sizes and elastomer hardnesses**, they cover a broad load range and are particularly suitable for **rotating machinery, engines, generator sets and mobile equipment** requiring high vibration isolation combined with excellent environmental resistance.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

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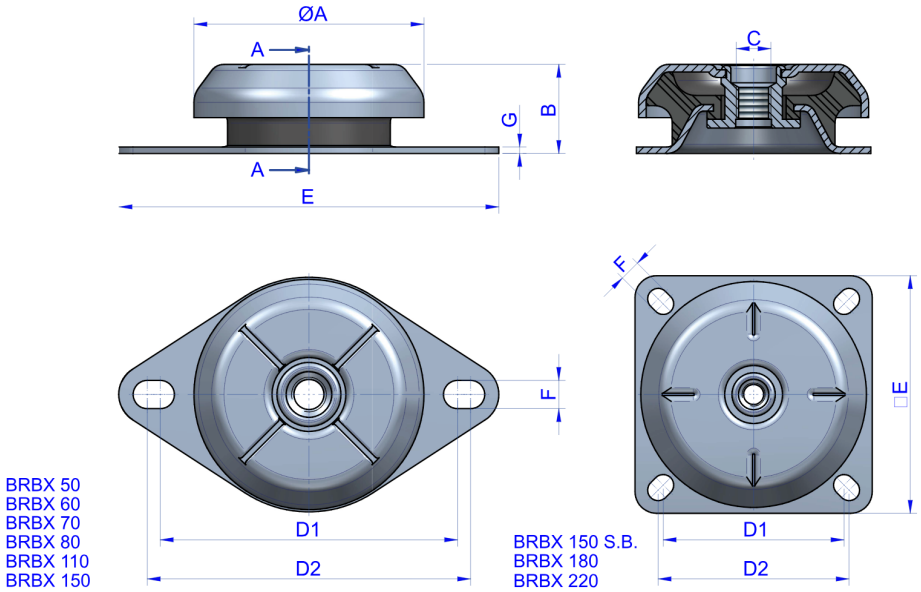
Drawings

BRBX 50 / BRBX 60 / BRBX 70 / BRBX 80 / BRBX 110 / BRBX 150 / BRBX 150 S.B. / BRBX 180 / BRBX 220



Type	Tightening torque Max. (Nm)	A(mm)	B(mm)	C(mm)	E(mm)	F(mm)	G(mm)	Weight(gr)	D1 Min. (mm)	D2 Max. (mm)	Code	Max. Load (kg)	Shore
BRBX 50	16	50	25	M-8	85	6,5	2	117	61	70	135969	20	40Sh
											135973	60	60Sh
BRBX 60	32	64	35	M-10	110	9	2,5	225	76,5	90,5	135687	30	40Sh
											135914	65	60Sh
BRBX 70	55	64	35	M-12	120	11	3	253	100	100	135935	50	40Sh
											135936	120	60Sh
BRBX 80	55	83	35	M-12	135	11	3	398	108	112	135956	80	40Sh
											135949	175	60Sh
BRBX 110	55	106	41	M-12	175	13	3	857	137	149	135735	200	40Sh
											135736	420	60Sh
BRBX 150	125	156	53,5	M-16	218	14,5	4	1840	176	188	135975	450	40Sh
											135984	800	60Sh
BRBX 150 S.B.	125	156	53,5	M-16	164	14,5	4	2030	125	132	135993	450	40Sh
											135994	800	60Sh
BRBX 180	190	186	84	M-20	181	14	5	3800	146	150	135396	875	40Sh
											135466	1700	60Sh
BRBX 220	285	230	105	M-24	220	19	6	6716	180	180	135461	1600	40Sh
											135463	3400	60Sh

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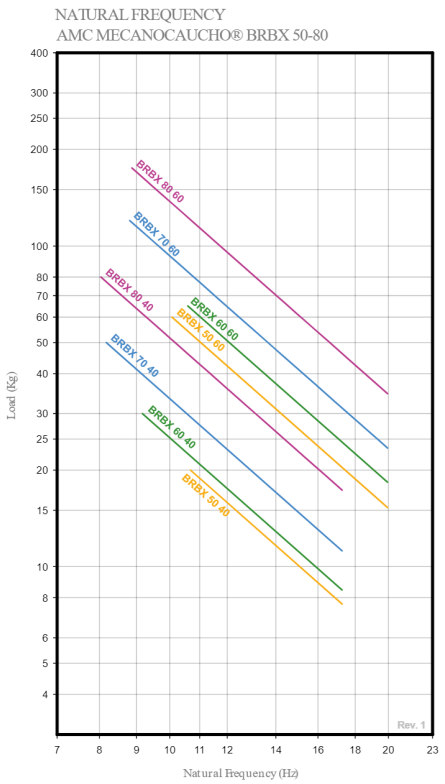
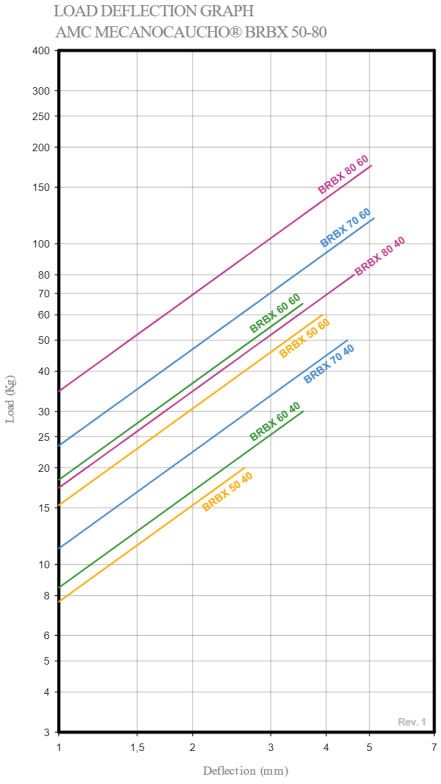
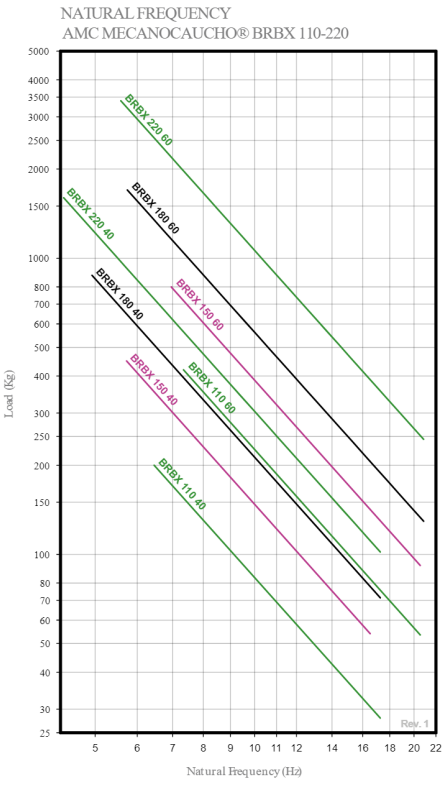
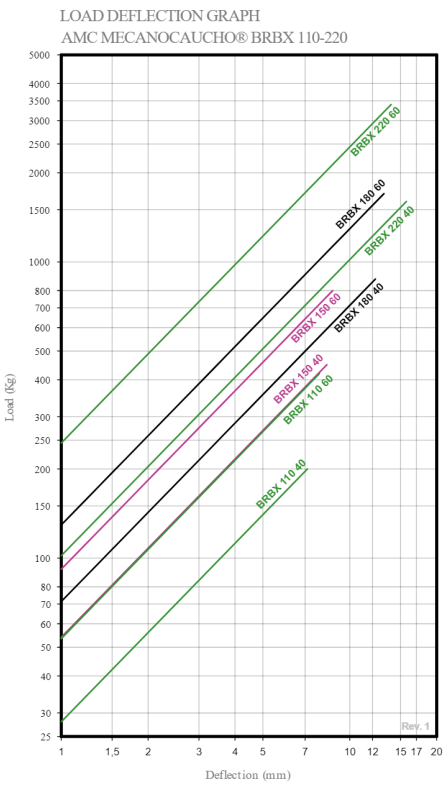
Elastic properties









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Technical characteristics

• The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which damage the rubber.

• These antivibration mounts are made of stainless steel. a material that provides high corrosion resistance to chemical reagents (especially sulphuric acid) and marine atmosphere. It is a very common material in the food, paper and construction industries.

• 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 mounts are clearly identified, as the baseplates are engraved with the type and hardness, which makes it possible to easily recognise the part even after several years of use.

• The top cap has a cross shaped indentation which enhances rigidity on mobile applications and also permits oils or liquids to flow off the mounting .

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.

Superior corrosion protection

The metal parts of this anti-vibration mount are made of stainless steel to prevent corrosion in the most demanding environments.

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