BRBX Stainless steel Vibration Isolators

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

The **AMC-MECANOCAUCHO® BRBX vibration isolators** 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 vibration isolators 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

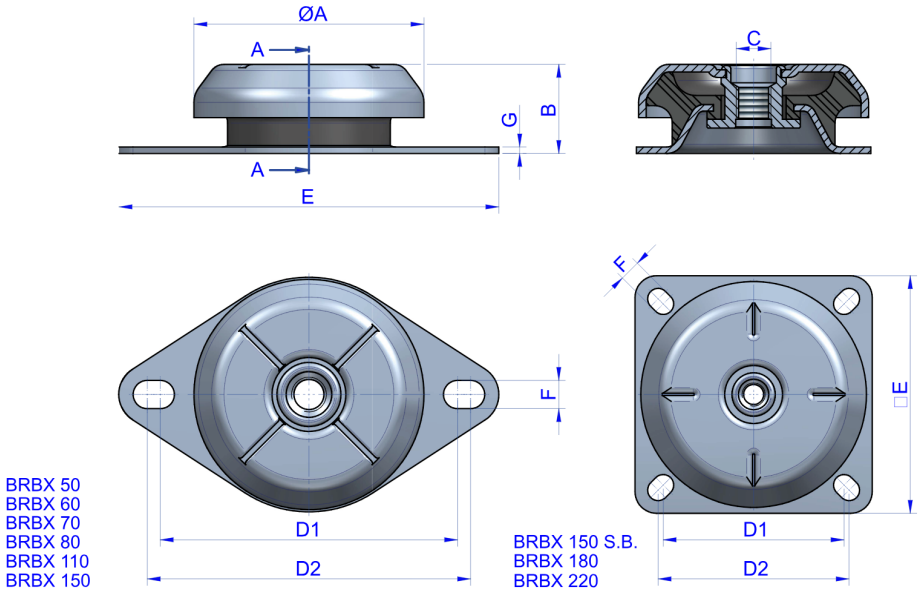
Tel.: +34 843 74 00 13
Fax: +34 943 69 62 19

sales@amcsa.es

www.mecanocaucho.com
www.akustik.com

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(in)	B(in)	C(in)	E(in)	F(in)	G(in)	Weight(lbs)	D1 Min. (in)	D2 Max.(in)	Code	Max. Load (lbs)	Shore
BRBX 50	0.63	1.97	0.98	M-8	3.35	0.26	0.08	0.26	2.4	2.76	135969	44	40Sh
											135973	132	60Sh
BRBX 60	1.26	2.52	1.38	M-10	4.33	0.35	0.1	0.5	3.01	3.56	135687	66	40Sh
											135914	143	60Sh
BRBX 70	2.17	2.52	1.38	M-12	4.72	0.43	0.12	1	3.94	3.94	135935	110	40Sh
											135936	264	60Sh
BRBX 80	2.17	3.27	1.38	M-12	5.31	0.43	0.12	1	4.25	4.41	135956	176	40Sh
											135949	386	60Sh
BRBX 110	2.17	4.17	1.61	M-12	6.89	0.51	0.12	2	5.39	5.87	135735	441	40Sh
											135736	926	60Sh
BRBX 150	4.92	6.14	2.11	M-16	8.58	0.57	0.16	4	6.93	7.4	135975	992	40Sh
											135984	1763	60Sh
BRBX 150 S.B.	4.92	6.14	2.11	M-16	6.46	0.57	0.16	4	4.92	5.2	135993	992	40Sh
											135994	1763	60Sh
BRBX 180	7.48	7.32	3.31	M-20	7.13	0.55	0.2	8	5.75	5.91	135396	1929	40Sh
											135466	3747	60Sh
BRBX 220	11.22	9.06	4.13	M-24	8.66	0.75	0.24	15	7.09	7.09	135461	3526	40Sh
											135463	7494	60Sh

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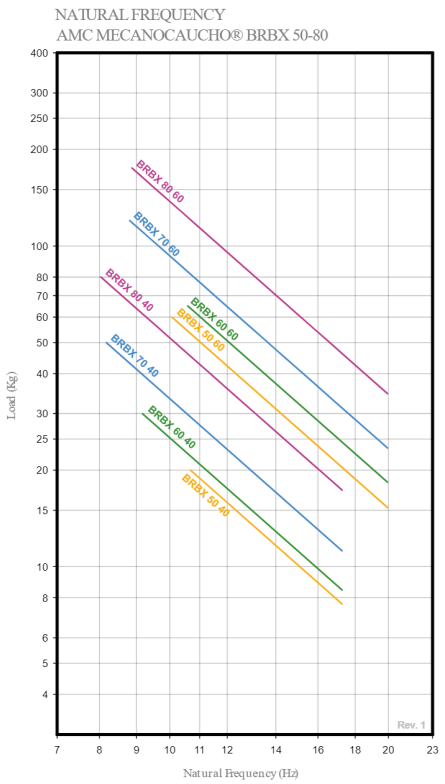
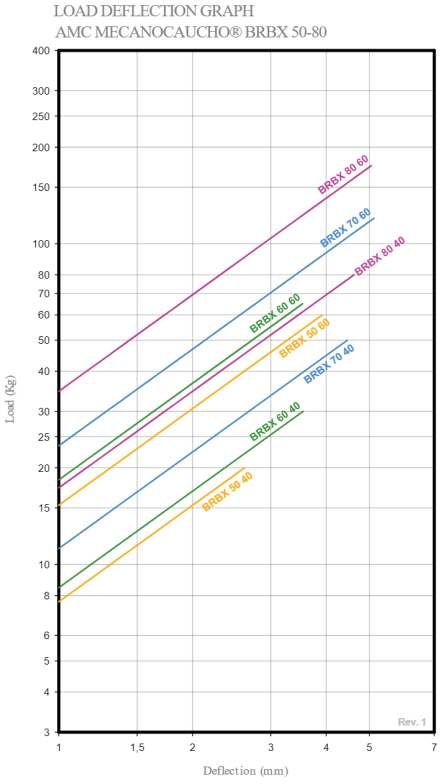
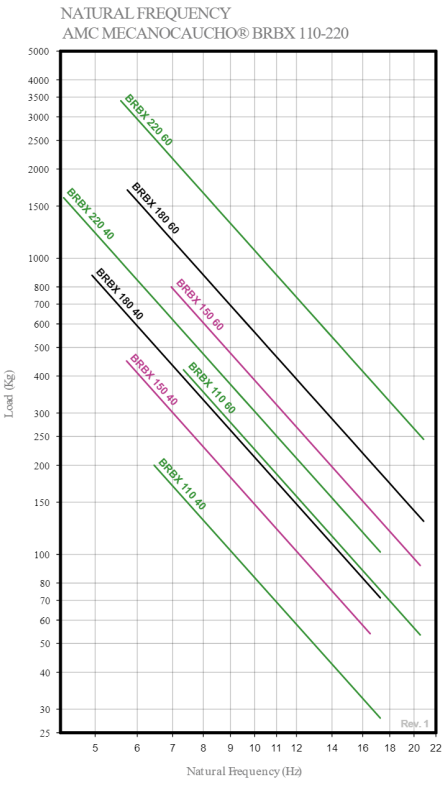
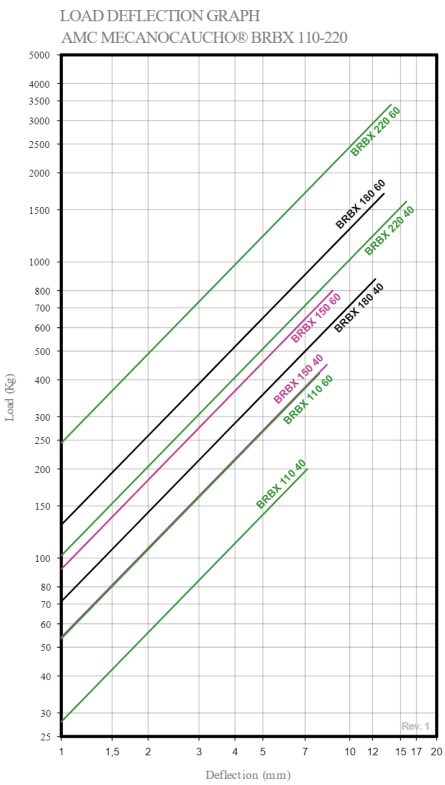
Elastic properties









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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 .

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