

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.

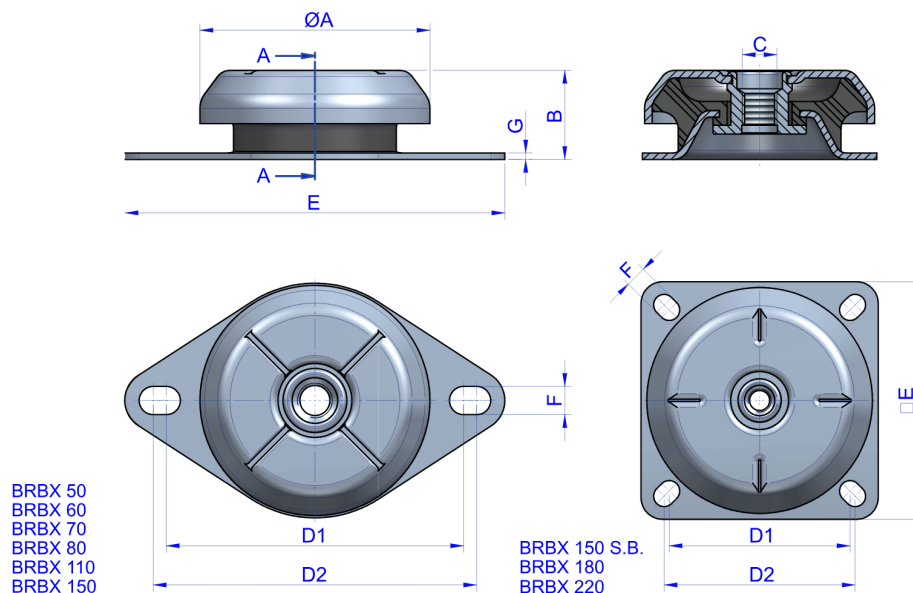
Their design incorporates an **integrated fail-safe feature** that provides mechanical restraint when the equipment is subjected to tensile loads, shocks or significant dynamic forces.

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.

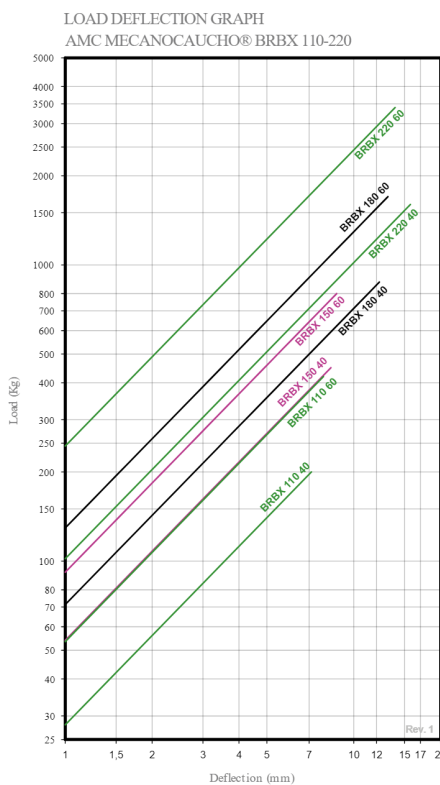
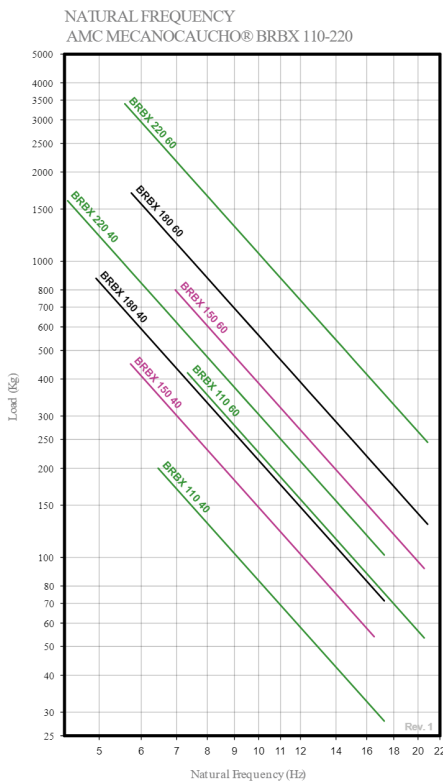
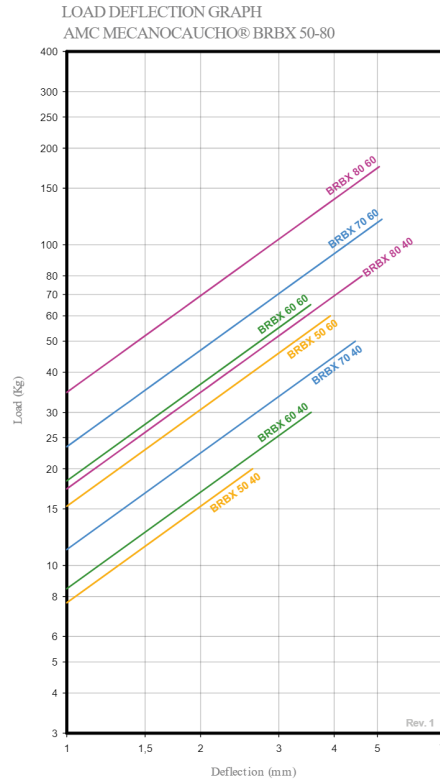
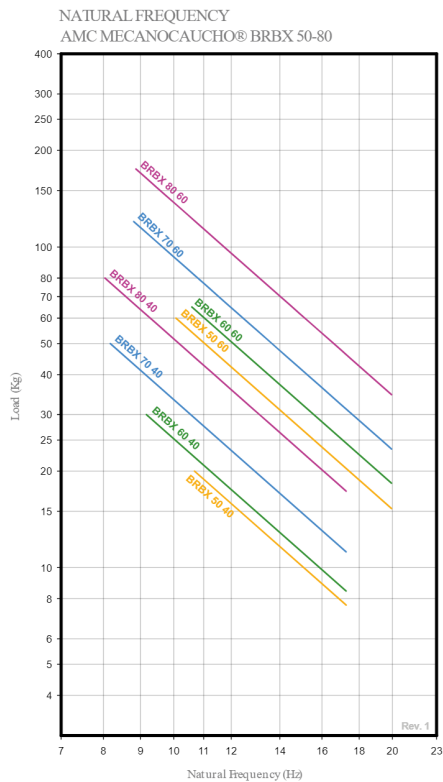
Drawings

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

Elastic properties



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.