Norsk Gummi AS

Ruudgata 4
3073 SANDE I VESTFOLD

Telefon: +47 917 35 312

E-post: post@norskgummi.no

BRB ANTI VIBRATION MOUNTS



AMC Mecanocaucho® BRB Captive anti vibration mounts are anti vibration elements which work the rubber in shear and compression. Their high profile rubber sections produce larger deflections, low natural frequencies. This range of mounts is suitable for applications where vibration isolation is a priority.

AMC Mecanocaucho® BRB Captive mount is especially recommended for applications where vibration isolation is necessary, such as isolation of rotating or mobile machines that are continuously subjected to shocks, dripping oil or diesel or are exposed to the elements.

TECHNICAL CHARACTERISTICS

- The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which damage the rubber.
- The metal parts have a suitable anticorrosive treatment for outdoor applications. RoHs compliant.
- 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 .

APPLICATIONS

This anti vibration mount is suitable for the isolation of mobile rotating machines which are exposed to axial and radial shocks, dripping oil, diesel or exposure to the weather. It is particularly interesting for applications where a high level of vibration isolation is required.







AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain

Tel.: +34 943 69 61 02
Fax: +34 943 69 62 19

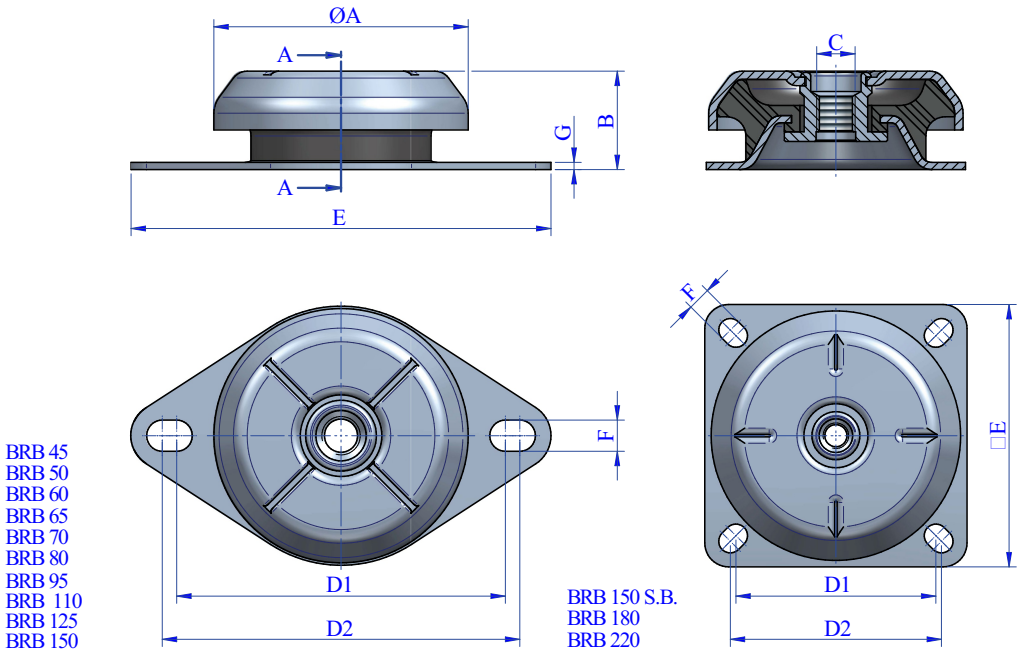
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BRB ANTI VIBRATION MOUNTS

DRAWINGS



BRB 45
BRB 50
BRB 60
BRB 65
BRB 70
BRB 80
BRB 95
BRB 110
BRB 125
BRB 150

BRB 150 S.B.
BRB 180
BRB 220

DIMENSIONS

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)	Max. Load (kg)	Shore	Code
BRB 45	16	50	32	M-8	85	6,5	2	131	61	70	12	40 Sh	135137
											18	50 Sh	135138
											25	60 Sh	135139
BRB 50	16	50	25	M-8	85	6,5	2	117	61	70	20	40 Sh	135451
											40	50 Sh	135453
											60	60 Sh	135455
											80	70 Sh	135457
BRB 60	32	64	35	M-10	110	9	2,5	225	76,5	90,5	30	40 Sh	135101
											45	50 Sh	135405
											65	60 Sh	135103
											75	70 Sh	135104
BRB 65 M10	32	64	35	M-10	110	9	2,5	243	76,5	90,5	50	40 Sh	135421
											75	50 Sh	135422
											120	60 Sh	135423
											140	70 Sh	135424

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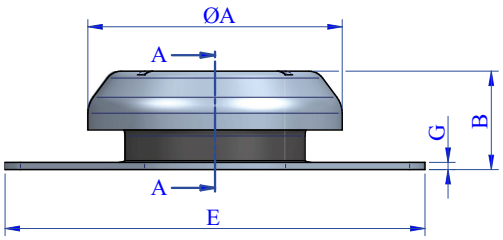
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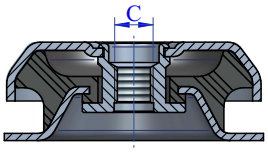
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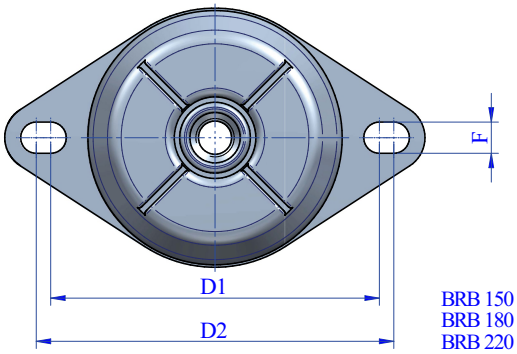
BRB ANTI VIBRATION MOUNTS

DRAWINGS

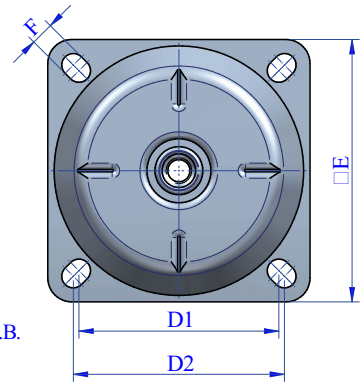




BRB 45
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BRB 80
BRB 95
BRB 110
BRB 125
BRB 150



BRB 150 S.B.
BRB 180
BRB 220



DIMENSIONS

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)	Max. Load (kg)	Shore	Code
BRB 65 M12	55	64	35	M-12	110	9	2,5	243	76,5	90,5	50	40 Sh	135431
											75	50 Sh	135432
											120	60 Sh	135433
											140	70 Sh	135434
BRB 70	55	64	35	M-12	120	11	3	253	100	100	50	40 Sh	135251
											75	50 Sh	135252
											120	60 Sh	135253
											140	70 Sh	135254
BRB 80 M10	32	83	35	M-10	135	11	3	398	108	112	80	40 Sh	135231
											130	50 Sh	135232
											175	60 Sh	135233
											235	70 Sh	135234
BRB 80 M12	55	83	35	M-12	135	11	3	398	108	112	80	40 Sh	135275
											130	50 Sh	135276
											175	60 Sh	135277
											235	70 Sh	135278

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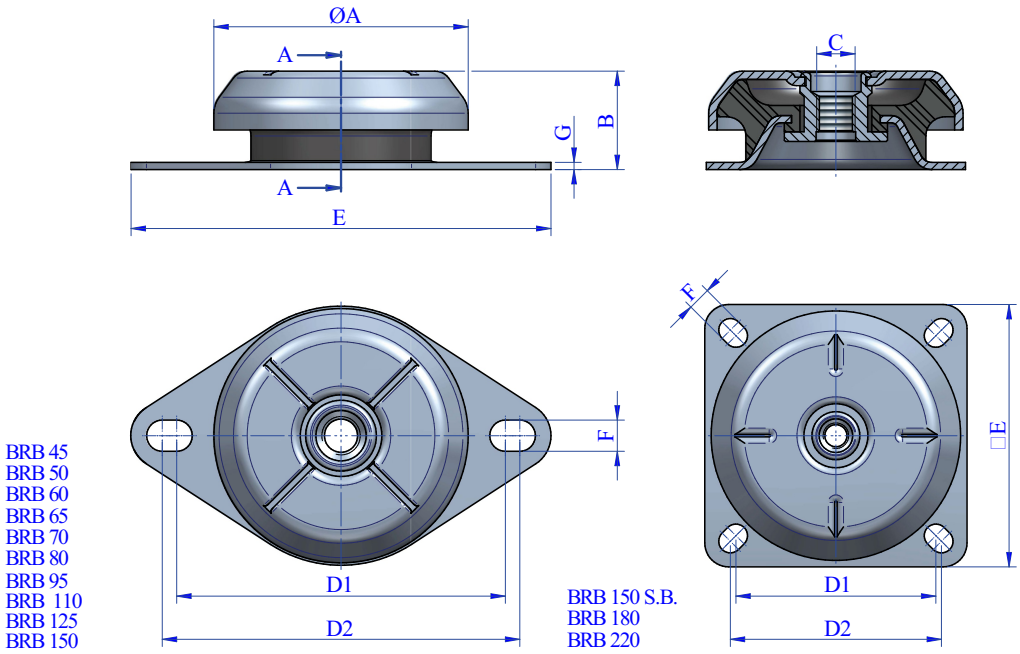
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DIMENSIONS

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)	Max. Load (kg)	Shore	Code
BRB 95 M10	32	92	39	M-10	150	10	3	657	122	126,6	150	40 Sh	135771
											260	50 Sh	135772
											330	60 Sh	135773
											390	70 Sh	135774
BRB 95 M12	55	92	39	M-12	150	10	3	657	122	126,6	150	40 Sh	135761
											260	50 Sh	135762
											330	60 Sh	135763
											390	70 Sh	135764
BRB 110 M12	55	106	40	M-12	175	13	3	857	137	149	200	40 Sh	135241
											305	50 Sh	135242
											420	60 Sh	135243
											450	70 Sh	135244
BRB 110 M16	125	106	40	M-16	175	13	3	857	137	149	200	40 Sh	135331
											305	50 Sh	135332
											420	60 Sh	135333
											450	70 Sh	135334

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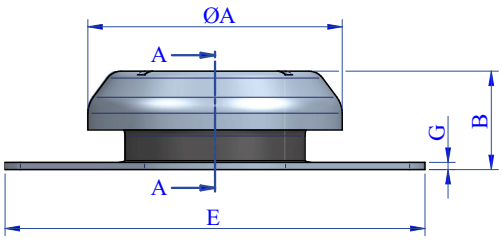
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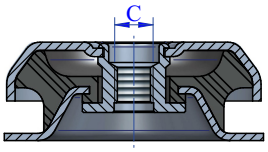
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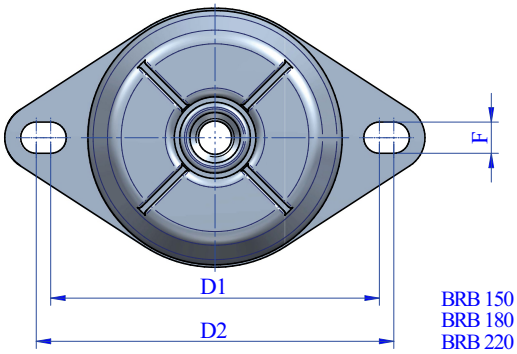
BRB ANTI VIBRATION MOUNTS

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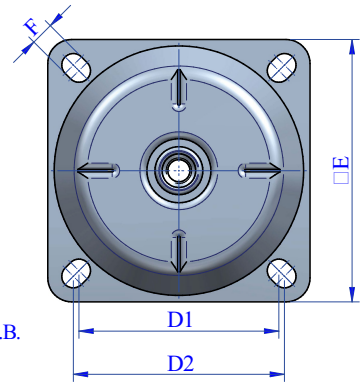




BRB 45
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BRB 80
BRB 95
BRB 110
BRB 125
BRB 150



BRB 150 S.B.
BRB 180
BRB 220



DIMENSIONS

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)	Max. Load (kg)	Shore	Code
BRB 125	125	123	46,5	M-16	190	14	4	1170	154	162	350	40 Sh	135618
											500	50 Sh	135620
											700	60 Sh	135622
											900	70 Sh	135624
BRB 150 S.B.	125	156	53,5	M-16	164	14,5	4	2030	125	132	450	40 Sh	135205
											570	50 Sh	135206
											800	60 Sh	135207
											1000	70 Sh	135208
BRB 150	125	156	53,5	M-16	218	14,5	4	1840	176	188	450	40 Sh	135161
											570	50 Sh	135162
											800	60 Sh	135163
											1000	70 Sh	135164
BRB 180	190	186	84	M-20	181	14	5	3800	146	150	875	40 Sh	135391
											1200	50 Sh	135392
											1700	60 Sh	135393
											2400	70 Sh	135394

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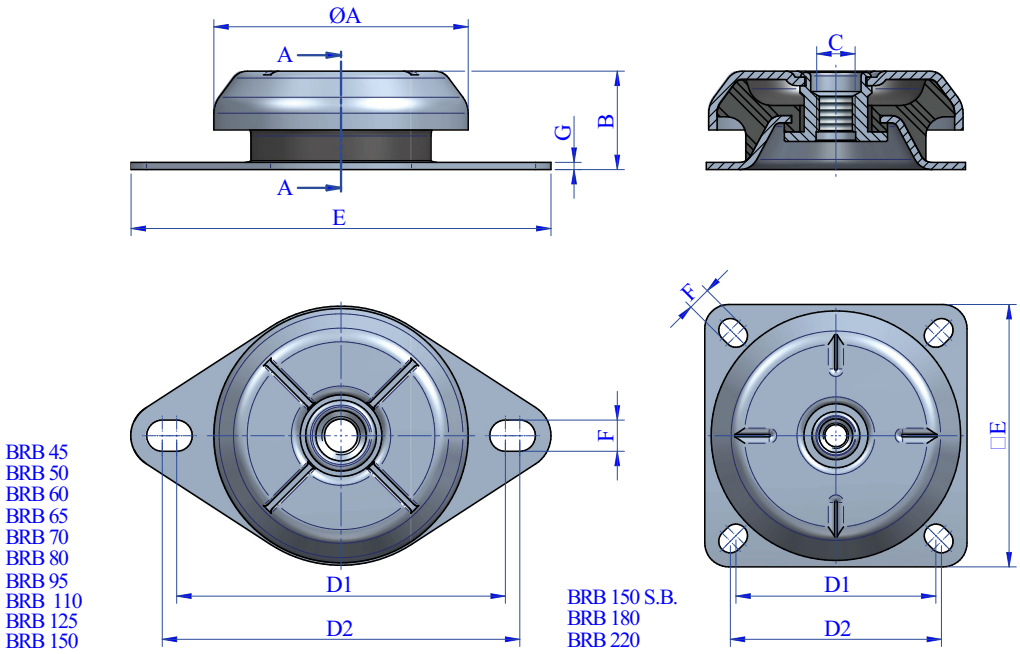
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Type	Tightening torque Max (Nm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	Weight (gr)	D1 Min. (mm)	D2 Max. (mm)	Max. Load (kg)	Shore	Code
BRB 220	285	230	105	M-24	220	19	6	7453	180	180	1600	40 Sh	135201
											2400	50 Sh	135200
											3400	60 Sh	135202
											4200	70 Sh	135203

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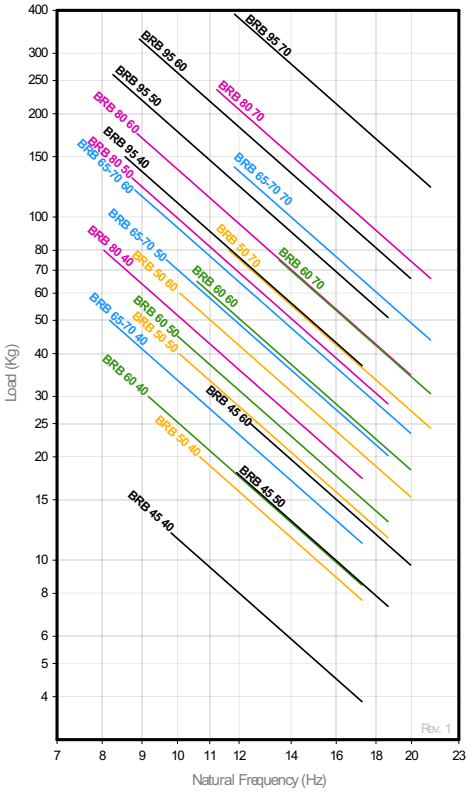
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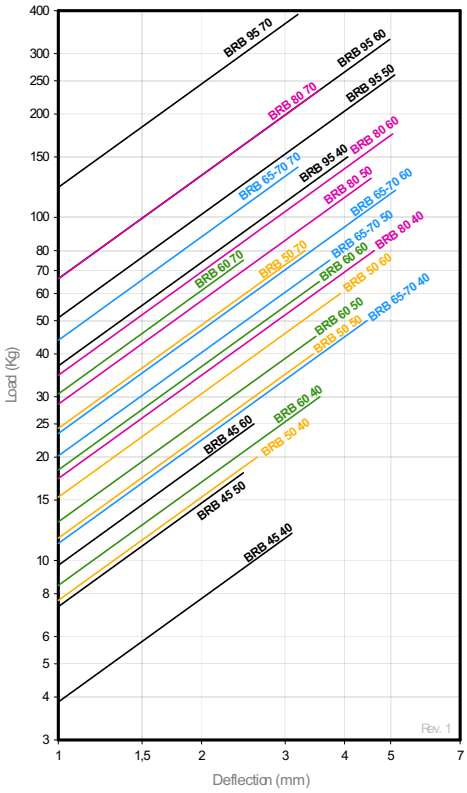
BRB ANTI VIBRATION MOUNTS

Elastical properties

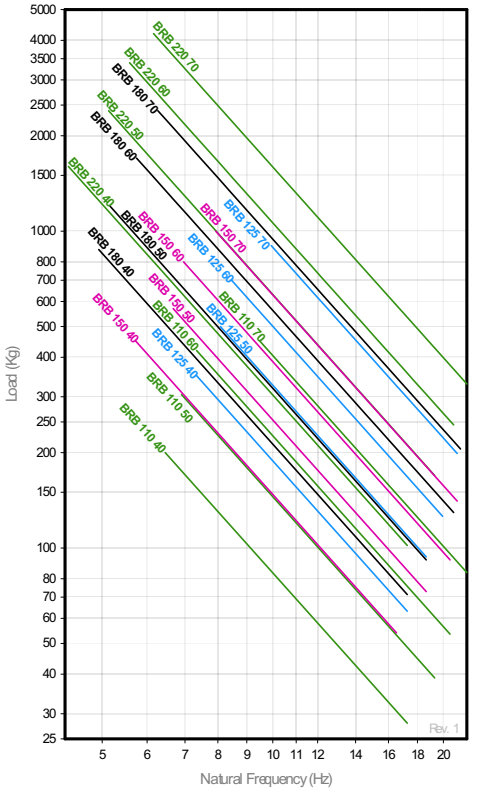
NATURAL FREQUENCY
AMC MECANOCAUCHO® BRB 45-95



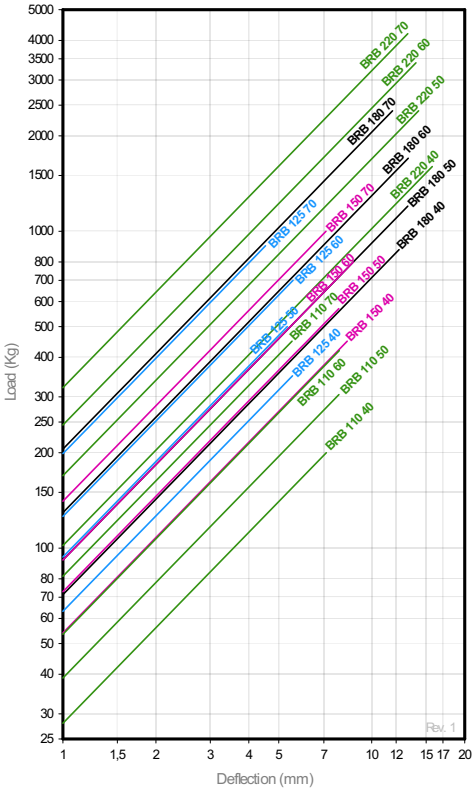
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NATURAL FREQUENCY
AMC MECANOCAUCHO® BRB 110-220



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OPERATION AND ASSEMBLY

RECOMMENDATIONS FOR HOOD MOUNTS

The hood mounts should be be installed between two parallel and perfectly flat surfaces. Mounts operating tilted or twisted do not work properly. This may be due to incorrect alignment, tolerances in the building of the chassis or over-tightened torque during the installation of the Antivibration mounts.

This applies to our marine-type, BSB, BRB or Mecanodamp mounts.



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