

BRB

DESCRIPTION

The BRB type AMC MECANOCAUCHO® mounts are antivibration elements which work the rubber in shear and compression. Their tall height section produce large deflections, low natural frequencies, and excellent vibration isolation results. This range of mounts is suitable for applications where high vibration isolation in the 85-95% range is a priority.

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 the ascending vertical movement when the mounting is submitted to shocks at traction.
- The mounts are clearly identified, as the base-plates are engraved with the type and hardness, which makes it possible to easily recognise the part even after several years of use.
- The hood has a cross stamped on the top, which enhances its rigidity on mobile applications and also improves the evacuation of oils or liquids that precipitate onto it.

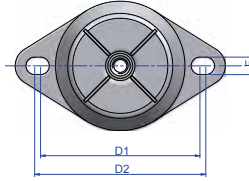
APPLICATIONS

This 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.

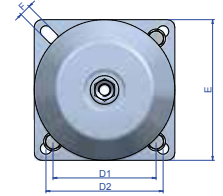
DNV Marine Type approval



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

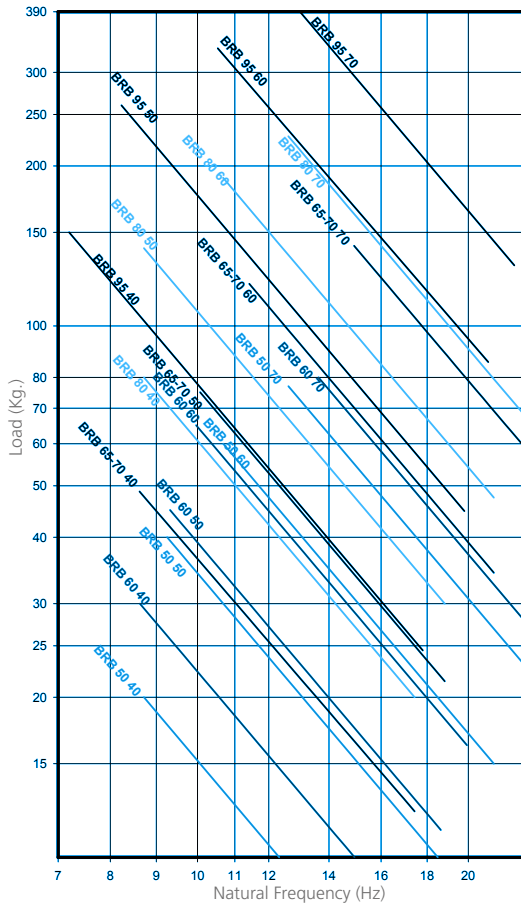


BRB 150 S.B.
 BRB 180
 BRB 220

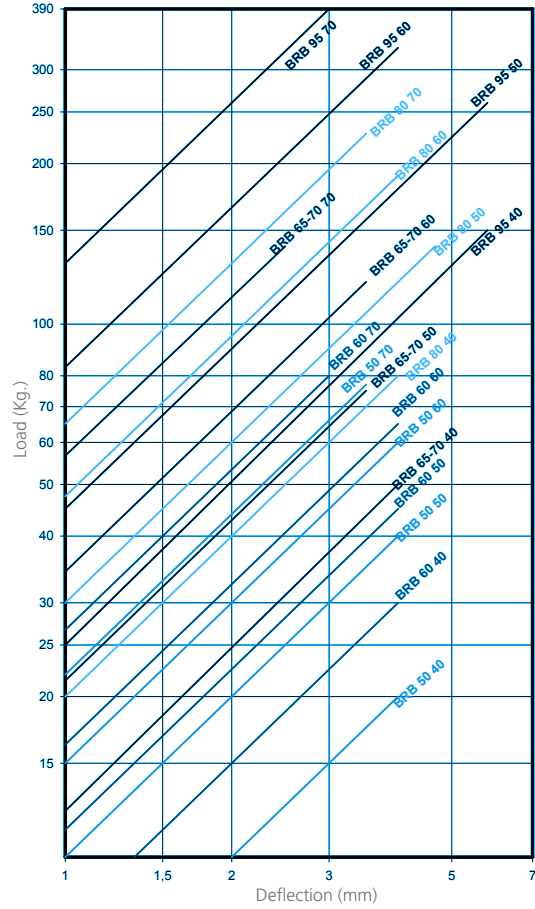


Type	A (mm.)	B (mm.)	C	D1 (Min.)	D2 (Max.)	E (mm.)	F (mm.)	G (mm.)	Weight (gr.)	Code	Load (Kg.)	Shore
BRB 50	50	25	M8	61	70	85	6,5	2	100	135451	20	40 Sh
										135453	40	50 Sh
										135455	50	60 Sh
BRB 60	64	35	M10	76,5	90,5	110	9	2,5	225	135101	30	40 Sh
										135405	45	50 Sh
										135103	65	60 Sh
BRB 65 M10	64	35	M10	76,5	90,5	110	9	2,5	243	135421	50	40 Sh
										135422	75	50 Sh
										135423	120	60 Sh
BRB 65 M12	64	35	M12	76,5	90,5	110	9	2,5	243	135431	50	40 Sh
										135432	75	50 Sh
										135433	120	60 Sh
BRB 70	64	35	M12	100	100	120	11	3	253	135434	140	70 Sh
										135251	50	40 Sh
										135252	75	50 Sh
BRB 80 M10	83	35	M10	108	112	134,8	11	3	398	135253	120	60 Sh
										135254	140	70 Sh
										135231	80	40 Sh
BRB 80 M12	83	35	M12	108	112	134,8	11	3	398	135232	130	50 Sh
										135233	175	60 Sh
										135277	175	60 Sh
BRB 95 M10	122	39	M10	108	126,6	150	10	3	657	135278	235	70 Sh
										135771	150	40 Sh
										135772	260	50 Sh
BRB 95 M12	92	39	M12	122	126,6	150	10	3	657	135773	330	60 Sh
										135774	390	70 Sh
										135761	150	40 Sh
BRB 110 M12	106	41	M12	137	150	175	13	3	857	135762	260	50 Sh
										135763	330	60 Sh
										135241	200	40 Sh
BRB 110 M16	106	41	M16	137	150	175	13	3	857	135242	305	50 Sh
										135243	420	60 Sh
										135244	450	70 Sh
BRB 125	123	48	M16	154	162	190	14	4	1170	135331	200	40 Sh
										135332	305	50 Sh
										135333	420	60 Sh
BRB 150 S.B.	155	53,5	M16	125	132	164	14,5	4	2030	135334	450	70 Sh
										135618	310	40 Sh
										135620	450	50 Sh
BRB 150	155	53,5	M16	176	188	218	14,5	4	1840	135622	700	60 Sh
										135624	900	70 Sh
										135205	450	40 Sh
BRB 180	186	84	M20	146	150	180	14	5	3100	135206	570	50 Sh
										135207	800	60 Sh
										135208	1000	70 Sh
BRB 220	230	105	M24	180	180	220	19	6	6716	135161	450	40 Sh
										135162	570	50 Sh
										135163	800	60 Sh
S.B. = Square Base										135164	1000	70 Sh
										135391	875	40 Sh
										135392	1200	50 Sh
										135393	1700	60 Sh
										135394	2400	70 Sh
										135201	1600	40 Sh
										135200	2400	50 Sh
										135202	3400	60 Sh
										135203	4200	70 Sh

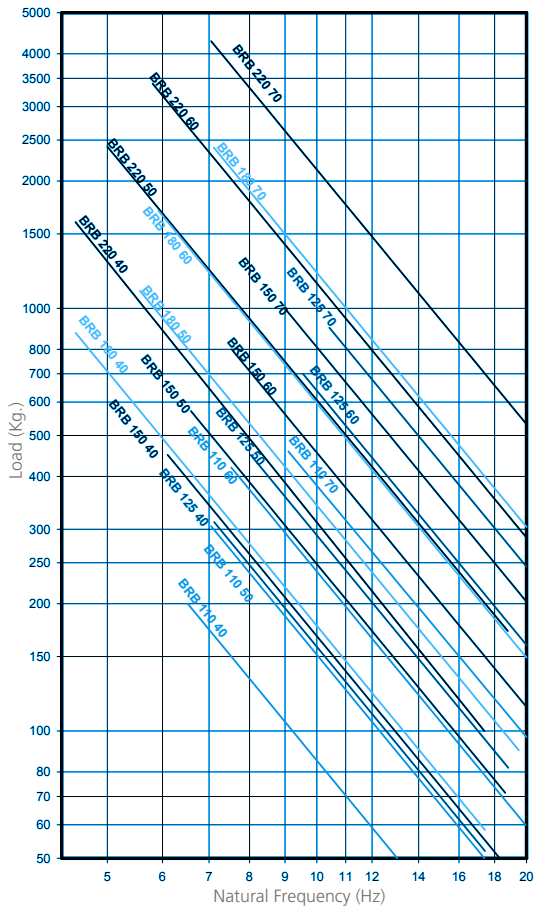
NATURAL FREQUENCY
 AMC MECANOCAUCHO® BRB 50-95 TYPE



LOAD DEFLECTION GRAPH
 AMC MECANOCAUCHO® BRB 50-95 TYPE



NATURAL FREQUENCY
 AMC MECANOCAUCHO® BRB 110-220 TYPE



LOAD DEFLECTION GRAPH
 AMC MECANOCAUCHO® BRB 110-220 TYPE

