DRD Vibration Isolators

High-deflection vibration isolators with a low natural frequency, designed to provide high vibration isolation for fans, pumps, and HVAC equipment.



The **AMC-MECANOCAUCHO® DRD vibration isolators** feature a design similar to the DSD range, but with a **greater elastomer height**, providing increased deflection under load and **lower natural frequencies**.

This design significantly improves **vibration isolation**, particularly in applications where excitation frequencies are relatively low. Their elastic behavior in the **axial and radial directions** also helps effectively reduce vibration transmission in multiple directions.

DRD vibration isolators are particularly suitable for equipment requiring a **high level of vibration isolation**, including **fans, pumps, air-handling units, and HVAC equipment**, as well as a wide range of industrial machinery.

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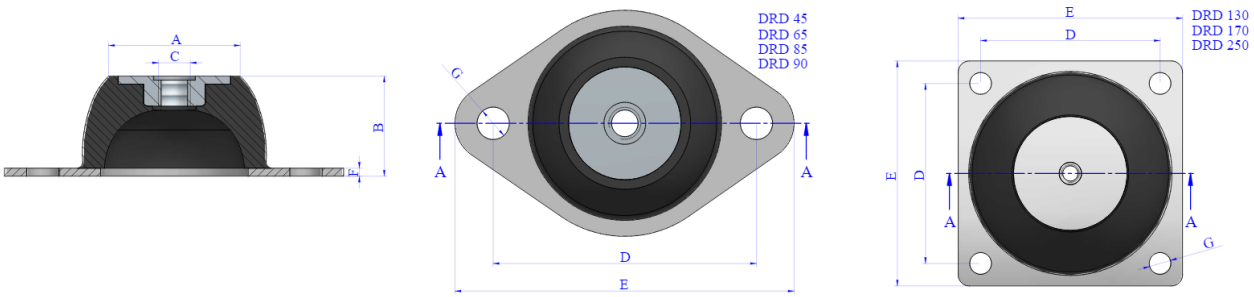
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Drawings

DRD 45 / DRD 65 / DRD 85 / DRD 90 / DRD 130 / DRD 170 / DRD 250

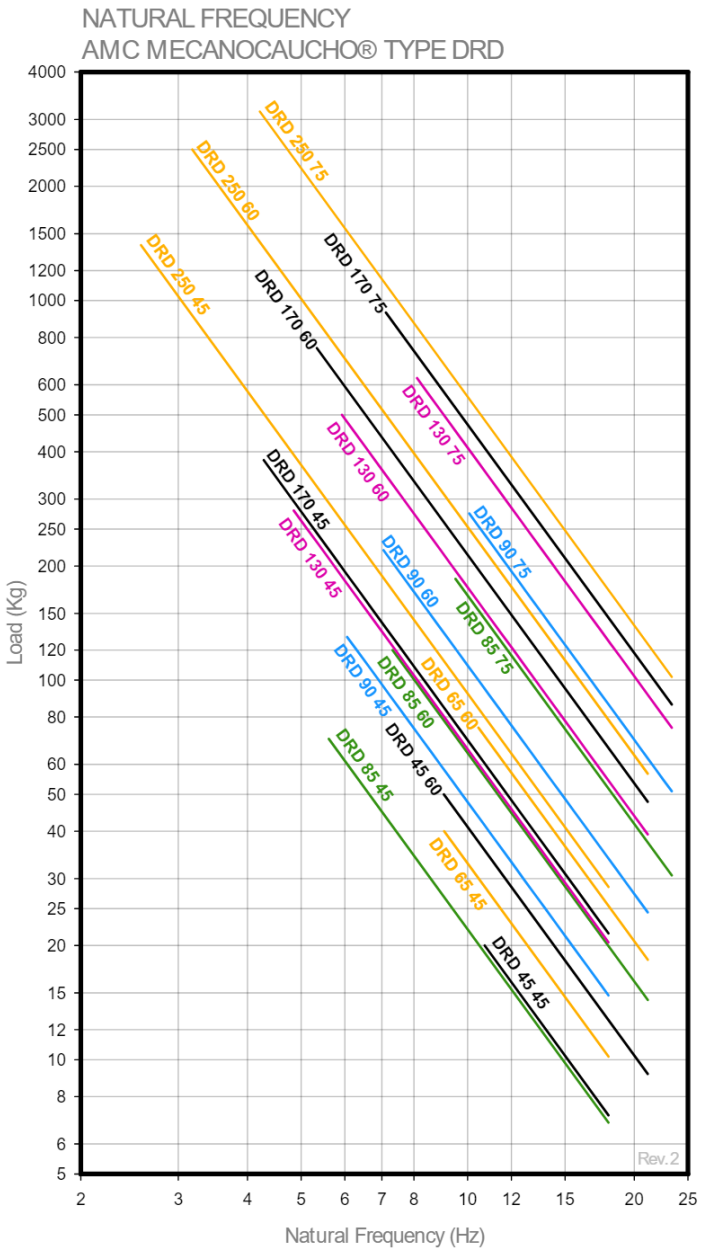


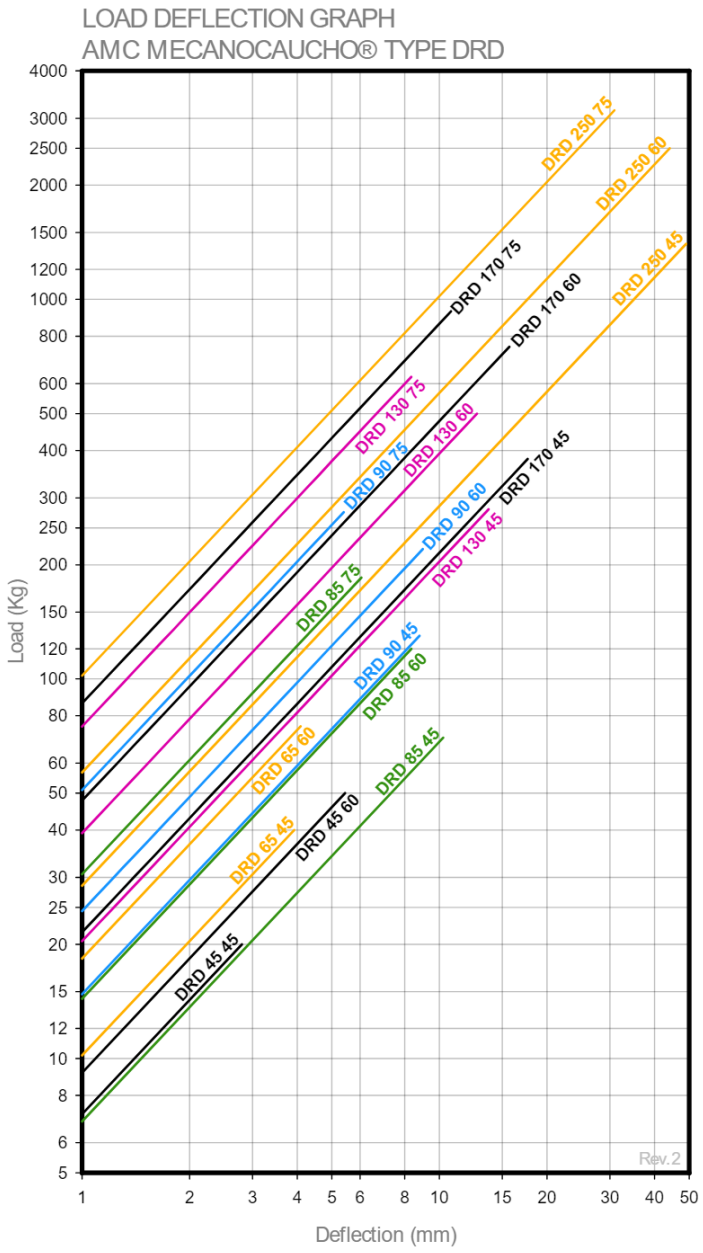
Type	Tightening torque Max. (Nm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	Weight(lbs)	Code	Max. Load(lbs)	Shore
DRD 45	-	1.3	0.98	M-8	2.6	3.35	0.08	0.31	0.15	175081	44	45 Sh
										175083	110	60 Sh
DRD 65	-	2.05	1.38	M-10	3.62	4.49	0.1	0.41	0.37	175001	88	45 Sh
										175002	165	60 Sh
DRD 85	-	2.05	1.57	M-10	4.33	5.35	0.12	0.45	1	175003	165	45 Sh
										175004	264	60 Sh
										175013	408	75 Sh
DRD 90	-	2.26	1.77	M-10	4.92	5.91	0.12	0.49	1	175021	287	45 Sh
										175022	485	60 Sh
										175023	606	75 Sh
DRD 130	-	3.07	2.5	M-12	4.72	5.91	0.2	0.57	2	175031	617	45 Sh
										175032	1102	60 Sh
										175033	1378	75 Sh
DRD 170	-	3.94	3.31	M-16	6.3	7.87	0.16	0.57	5	175036	838	45 Sh
										175037	1653	60 Sh
										175038	2050	75 Sh
DRD 250	-	7.36	6.22	M-24	9.84	12.2	0.24	0.73	23	175041	3086	45 Sh
										175042	5510	60 Sh
										175044	6943	75 Sh

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Elastic properties





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Technical characteristics

The DRD mounts by MECANOCAUCHO® have the following characteristics.

The metal parts are protected from corrosion by an electrolytic coating for outdoor work. RoHs compliant.
We engrave the rubber hardness on the metal parts.

Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

Improved isolation

It offers improved isolation compared to conventional anti-vibration mounts of similar geometry.

Excellent value

This mount delivers very high performance for its cost compared to other possible solutions.

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