

DRD Vibration Isolators

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



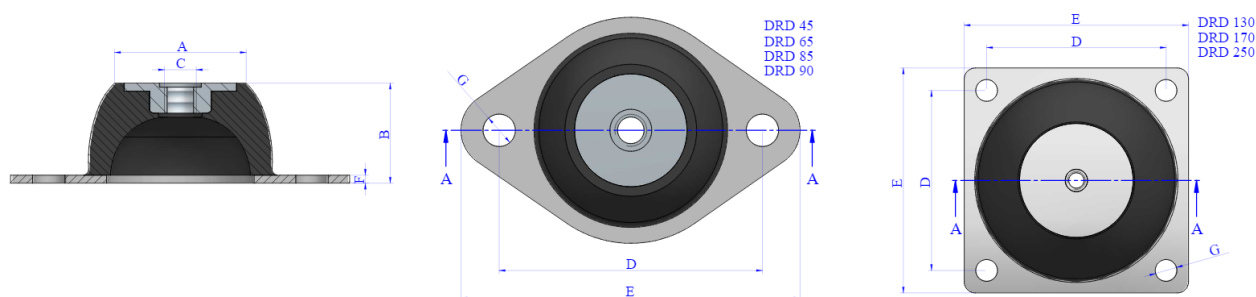
The **AMC-MECANOCAUCHO® DRD vibration isolators** feature a design similar to the DSD range, but with a **greater elastomer height**, providing increased deflection under load and **lower natural frequencies**.

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.

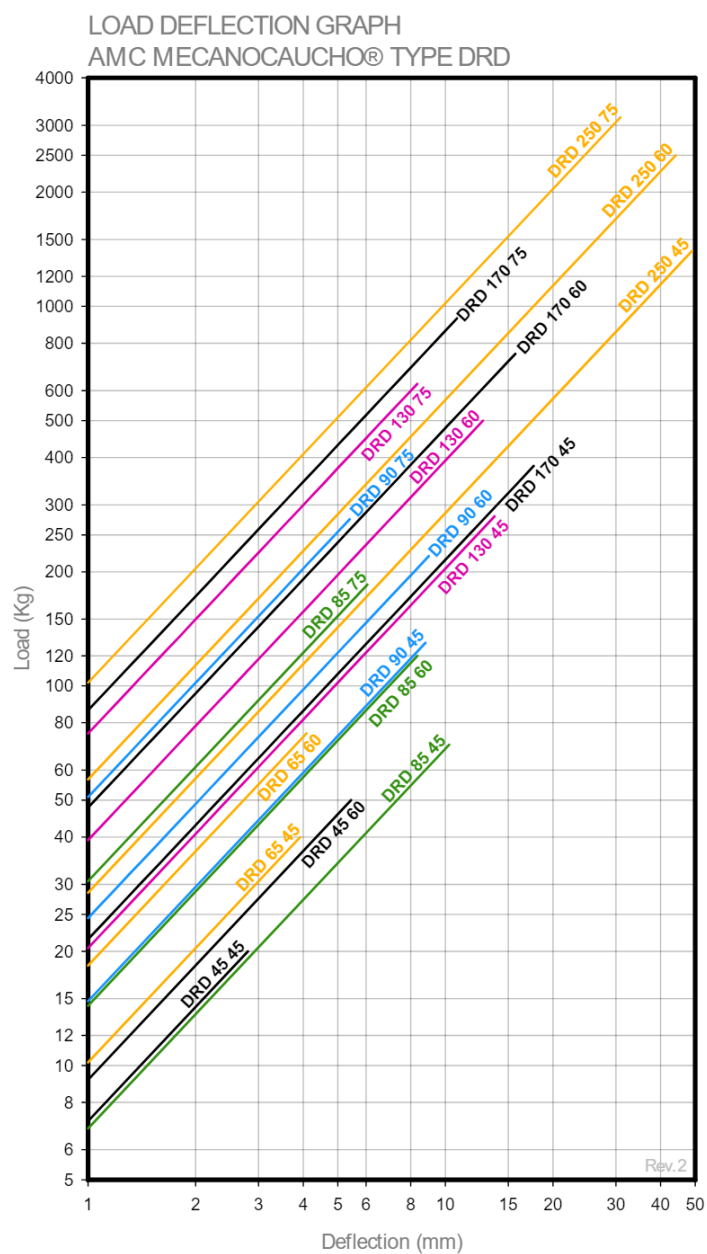
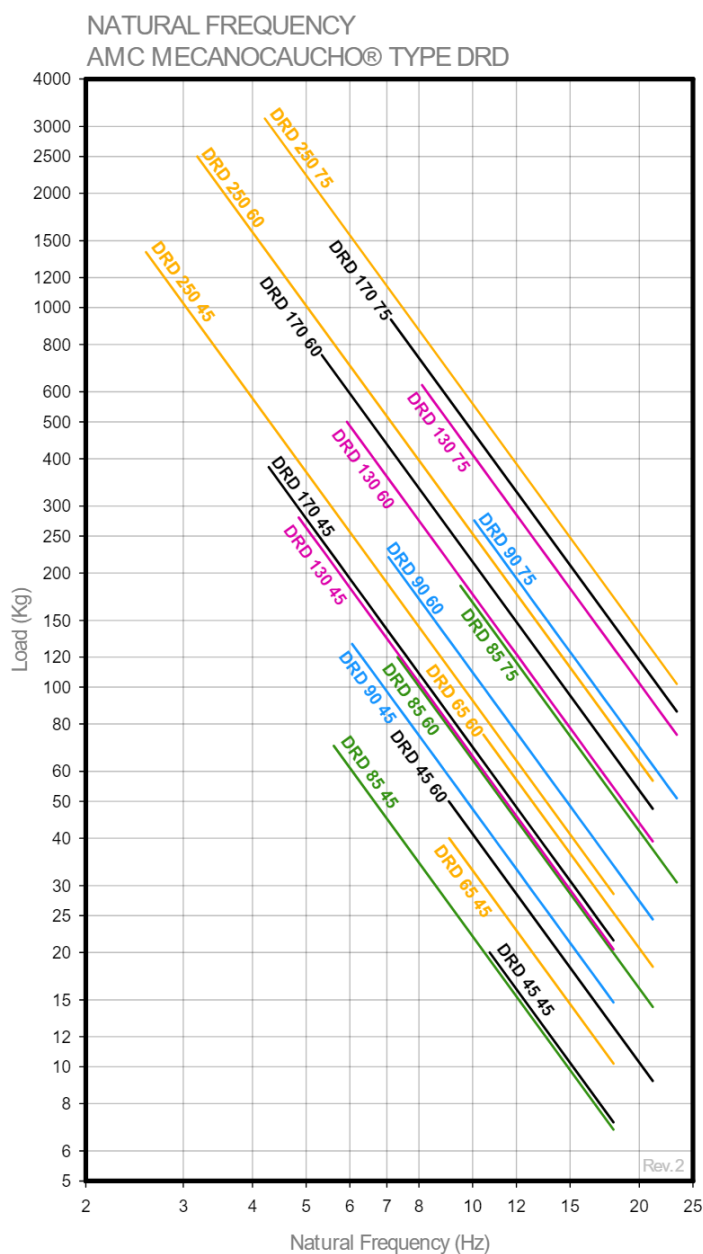
Drawings

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

Elastic properties



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.