DSD Vibration Isolators with Protective Bell

DSD vibration isolators with a protective bell against oils and other external agents, particularly suitable for exposed machinery and HVAC equipment.



The **AMC-MECANOCAUCHO® DSD Vibration Isolator with Protective Bell** provides **high radial and axial flexibility**, making it particularly suitable for vibration isolation of machinery and equipment subject to horizontal vibrations.

Its design consists of **two parallel metal plates connected by a bowl-shaped rubber element**, bonded to both metal parts. This geometry provides good flexibility while ensuring stable mounting of the equipment.

The **metal protective bell protects the rubber element from direct contact with oils and other external agents**, making this version particularly suitable for exposed industrial environments.

The upper plate allows the vibration isolator to be attached to the machine, while the lower plate features **two mounting points** for attachment to the supporting structure.

Thanks to its **flexibility, simple design, and protective bell**, the DSD is particularly suitable for **fans, HVAC equipment, and other industrial machinery** requiring effective vibration isolation in exposed environments.

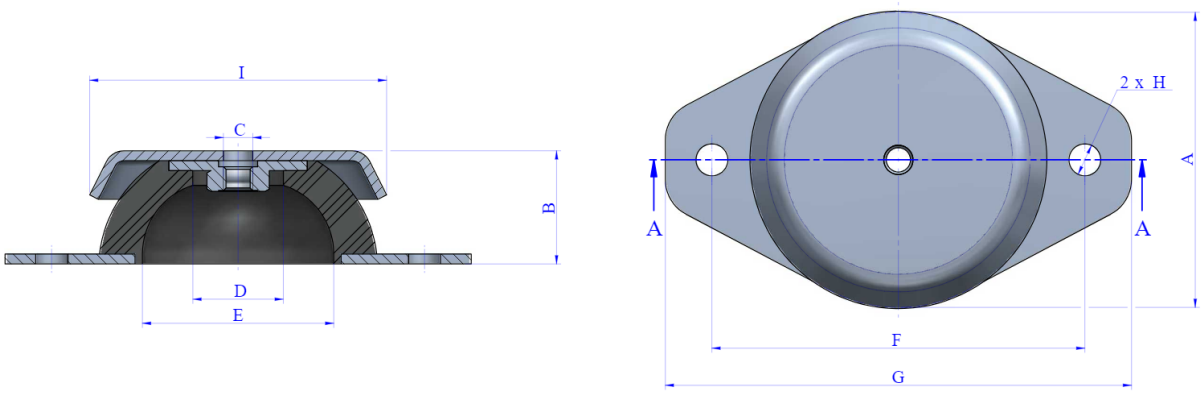
For applications requiring **a higher level of vibration isolation**, **DRD Vibration Isolators** are recommended.

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Drawings

DSD 40 + Bell / DSD 60 + Bell / DSD 80 + Bell / DSD 100 + Bell / DSD 150 + Bell / DSD 200 + Bell

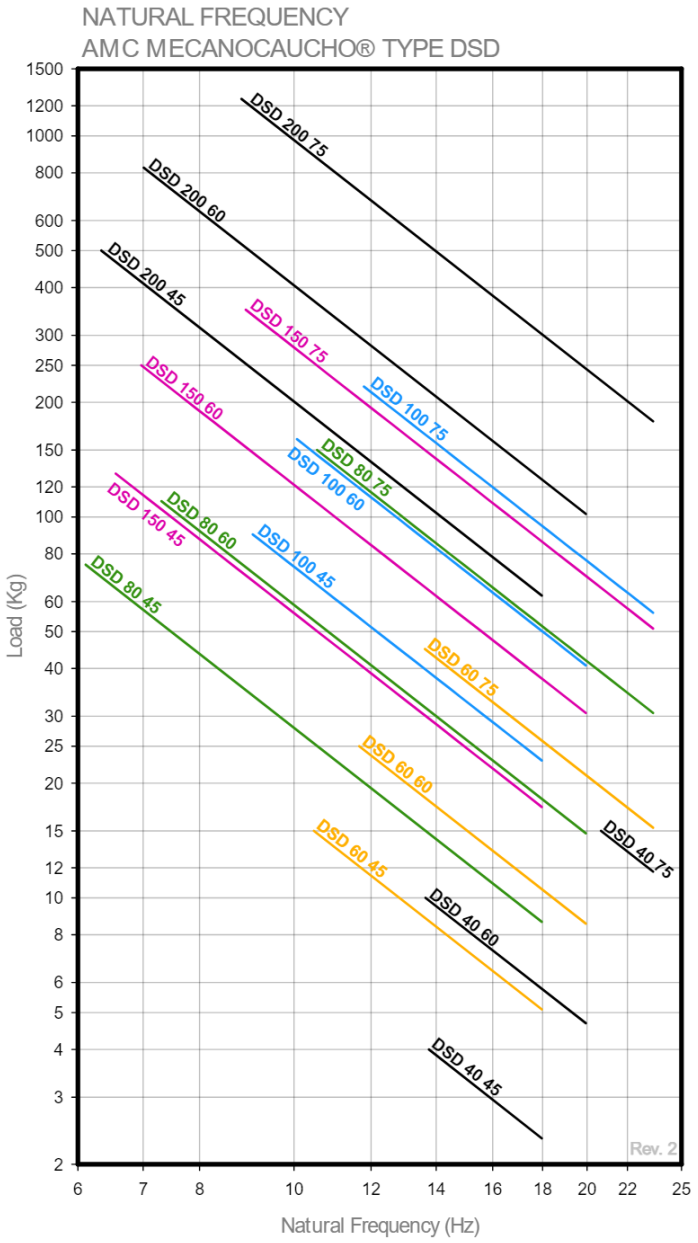


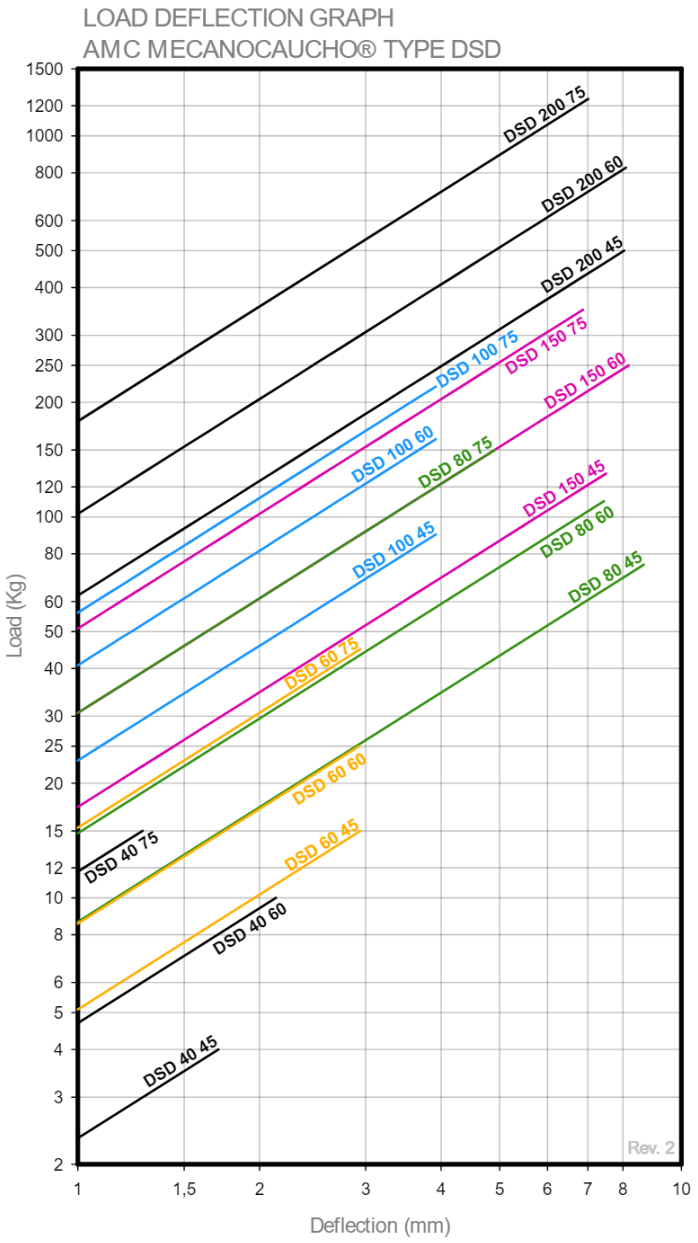
Type	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	I(in)	Weight(lbs)	Code	Max. Load (lbs)	Shore
DSD 40 + Bell	1.69	0.75	M-6	0.75	1.14	2.05	2.52	0.25	1.57	0.11	134028	9	45 Sh
											134029	22	60 Sh
											134030	33	75 Sh
DSD 60 + Bell	2.36	0.91	M-6	0.55	1.54	2.99	3.74	0.26	2.38	0.28	134031	33	45 Sh
											134032	55	60 Sh
											134033	99	75 Sh
DSD 80 + Bell	3.39	1.06	M-8	0.98	2.56	3.94	4.72	0.33	3.35	1	134034	165	45 Sh
											134035	242	60 Sh
											134036	331	75 Sh
DSD 100 + Bell	3.94	1.1	M-10	0.87	2.64	4.88	5.87	0.41	4.07	1	134037	198	45 Sh
											134038	353	60 Sh
											134039	485	75 Sh
DSD 150 + Bell	5.91	1.46	M-14	1.34	4.49	7.17	8.43	0.47	6.1	2	134040	287	45 Sh
											134041	551	60 Sh
											134042	771	75 Sh
DSD 200 + Bell	7.87	1.71	M-18	1.38	5.51	9.45	11.02	0.59	8.19	6	134043	1102	45 Sh
											134044	1818	60 Sh
											134045	2755	75 Sh

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Elastic properties





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Technical characteristics

AMC-Mechanocaucho® DSD mountings have comparable stiffness rates vertically and horizontally making them very effective against random vibrations in either plane.

Advantages

Easy installation

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

High protection against weathering and chemical contamination

The bell housing protects the rubber from ozone and UV radiation, while also preventing contact with diesel, oils, or other chemicals that could damage it.

Excellent value

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

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