

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.

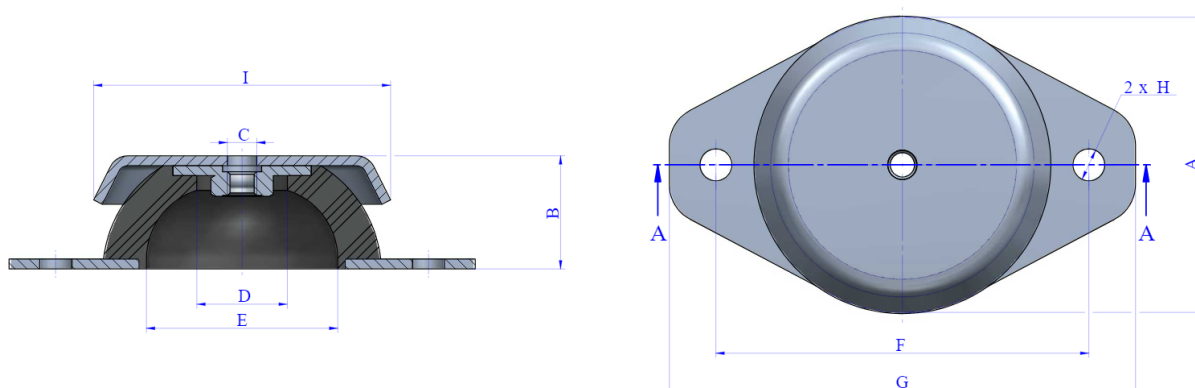
The upper plate allows the vibration isolator to be attached to the machine, while the lower plate features **two mounting points** for attachment to the supporting structure.

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.

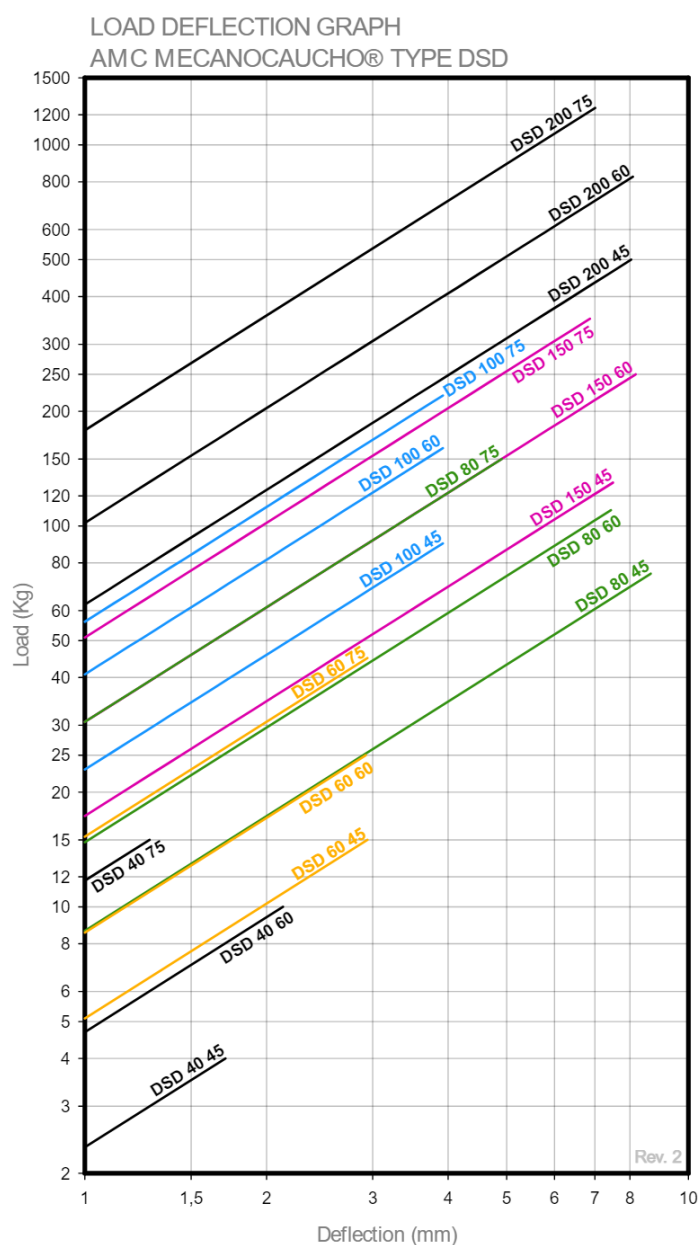
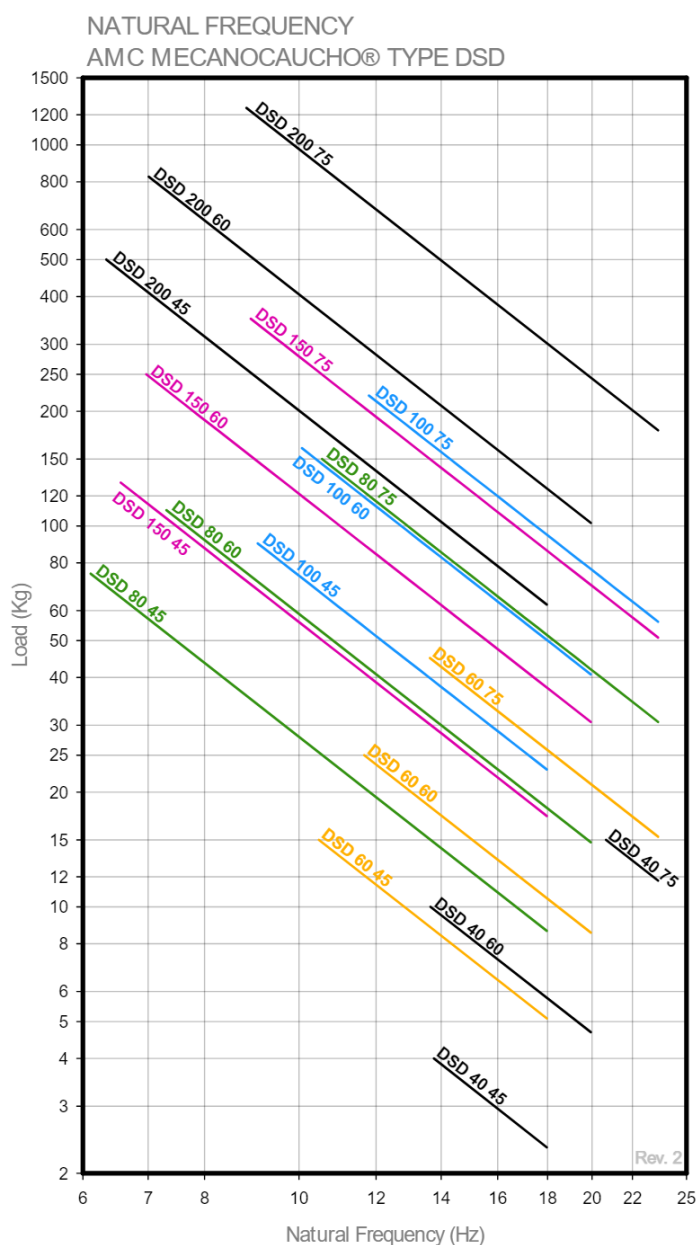
Drawings

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

Elastic properties



Technical characteristics

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