DSD Vibration Isolator

Flexible and cost-effective vibration isolator, particularly suitable for vibration isolation of fans, HVAC equipment, and machinery subject to horizontal vibrations.



The **AMC-MECANOCAUCHO® DSD Vibration Isolator** 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 circular upper plate incorporates **either a through hole or a nut**, allowing the vibration isolator to be attached to the machine. The elliptical lower plate features **two mounting holes** for attachment to the supporting structure.

Thanks to its **flexibility, simple design, and cost-effectiveness**, the DSD is particularly suitable for **fans, HVAC equipment, and other industrial machinery** requiring effective vibration isolation.

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

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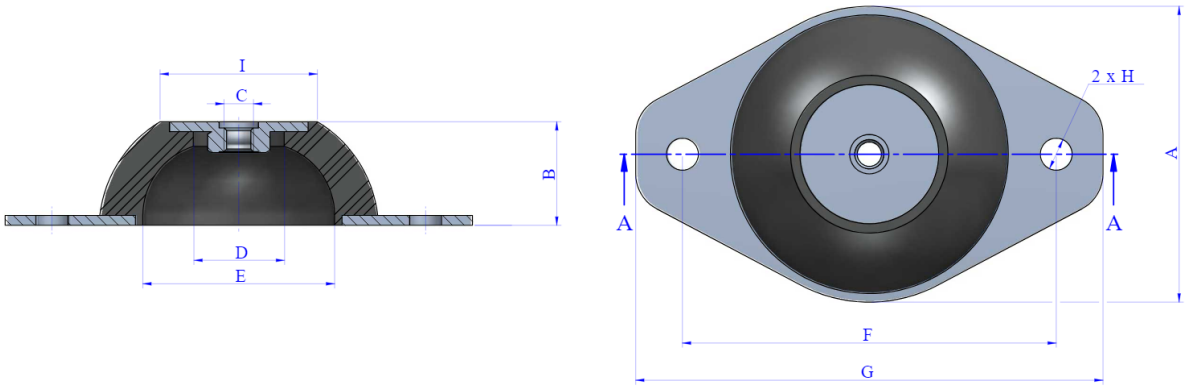
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Drawings

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

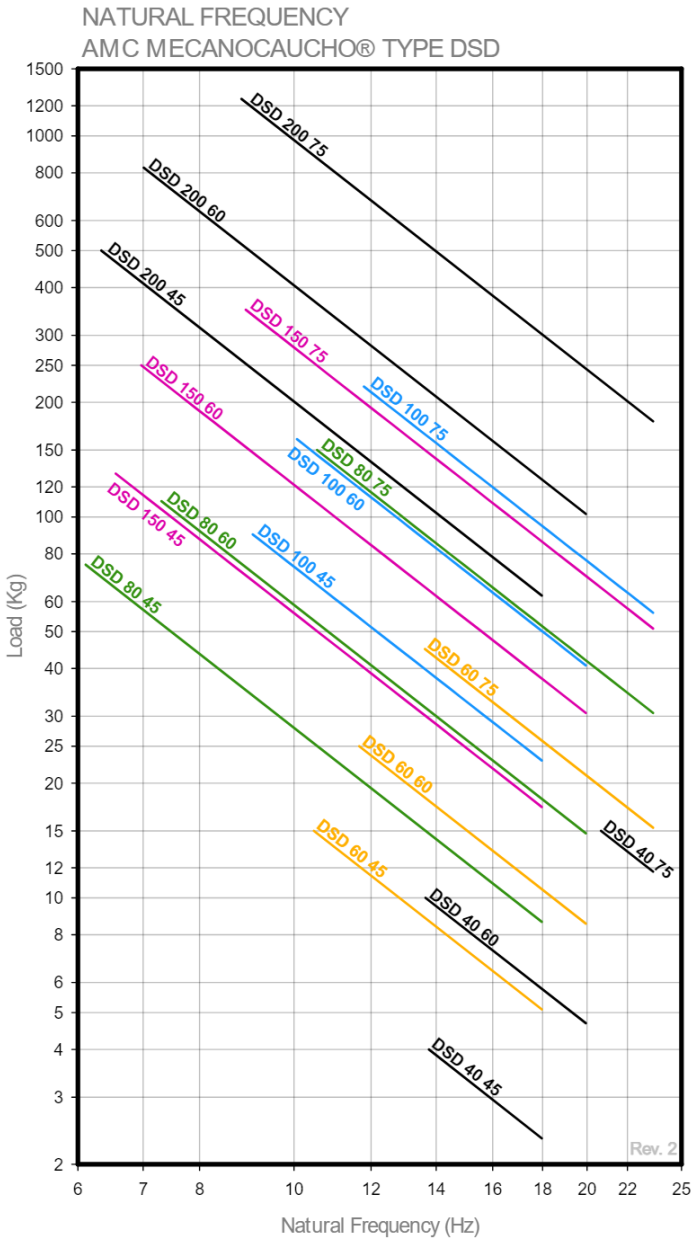


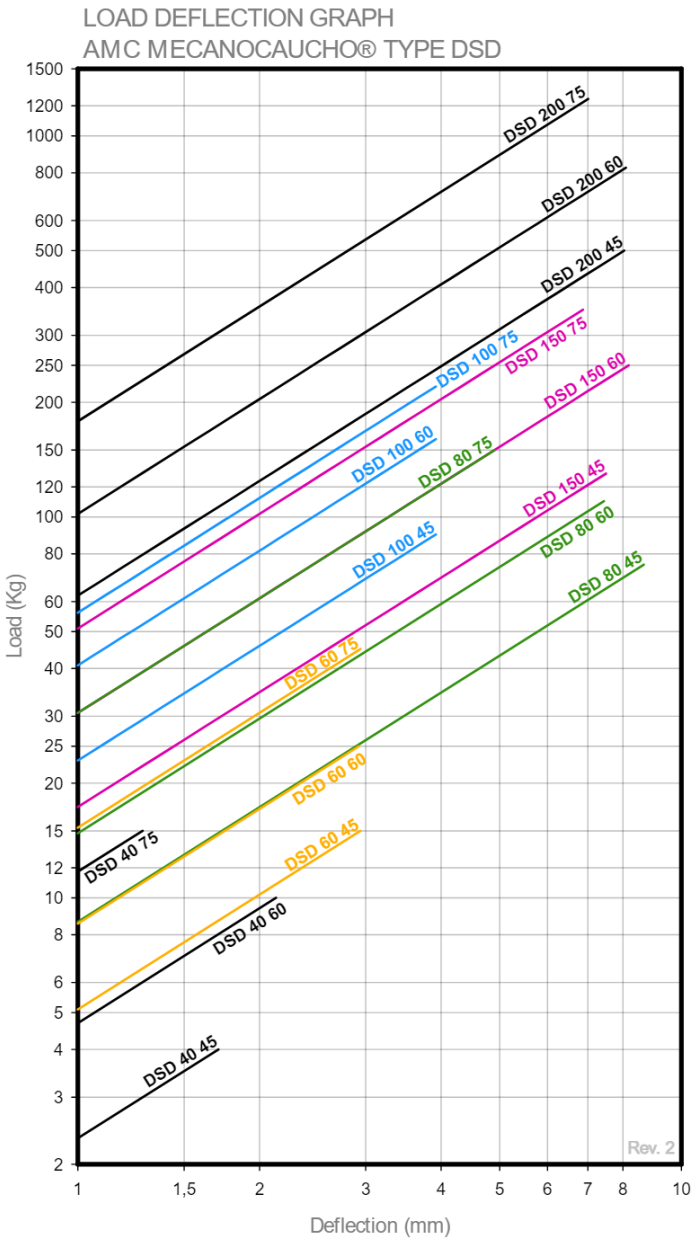
Type	Tightening torque Max. (Nm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	H(in)	I(in)	Weight(lbs)	Code	Max. Load (lbs)	Shore
DSD 40	-	1.69	0.67	M-6	0.75	1.14	2.05	2.52	0.25	0.96	0.06	134001	9	45 Sh
												134002	22	60 Sh
												134003	33	75 Sh
DSD 60	-	2.36	0.83	M-6	0.55	1.54	2.99	3.74	0.26	1.26	0.16	134004	33	45 Sh
												134005	55	60 Sh
												134006	99	75 Sh
DSD 80	-	3.39	0.98	M-8	0.98	2.56	3.94	4.72	0.33	2.01	0.29	134007	165	45 Sh
												134008	242	60 Sh
												134009	331	75 Sh
DSD 100	-	3.94	0.98	M-10	0.87	2.64	4.88	5.87	0.41	2.13	1	134010	198	45 Sh
												134011	353	60 Sh
												134012	485	75 Sh
DSD 150	-	5.91	1.34	M-14	1.34	4.49	7.17	8.43	0.47	2.99	1	134013	287	45 Sh
												134014	551	60 Sh
												134015	771	75 Sh
DSD 200	-	7.87	1.57	M-18	1.38	5.51	9.45	11.02	0.59	5.04	4	134016	1102	45 Sh
												134017	1818	60 Sh
												134018	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.

Excellent value

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

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