

1V-SR DB Spring Mount

Spring mount with double Sylomer® isolation, offering up to 30 mm (1.2 in) static deflection and a natural frequency as low as 4 Hz, without rigid mechanical fixing.



The **AMC-MECANOCAUCHO® 1V-SR DB Spring Mount** is designed for **low-frequency vibration isolation** of machinery and equipment where installation without rigid mechanical fixing is required.

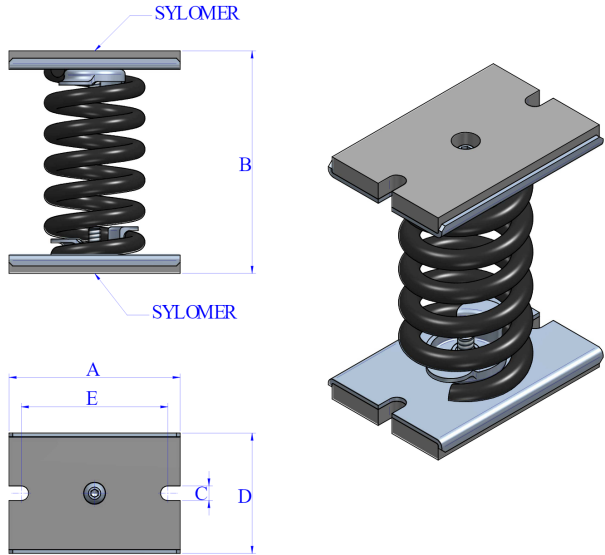
With a **static deflection of up to 30 mm (1.2 in)**, the spring provides a **natural frequency as low as 4 Hz**, ensuring effective low-frequency vibration isolation.

The **DB configuration incorporates Sylomer® on both the upper and lower surfaces of the Spring Mount**. This double elastic decoupling prevents direct metal-to-metal contact with the equipment and supporting structure, whilst reducing the transmission of **mid and high frequencies that may propagate through the steel spring**.

The combination of **spring + double Sylomer® isolation** therefore provides effective vibration isolation over a **broad frequency range**, whilst allowing straightforward installation by direct support.

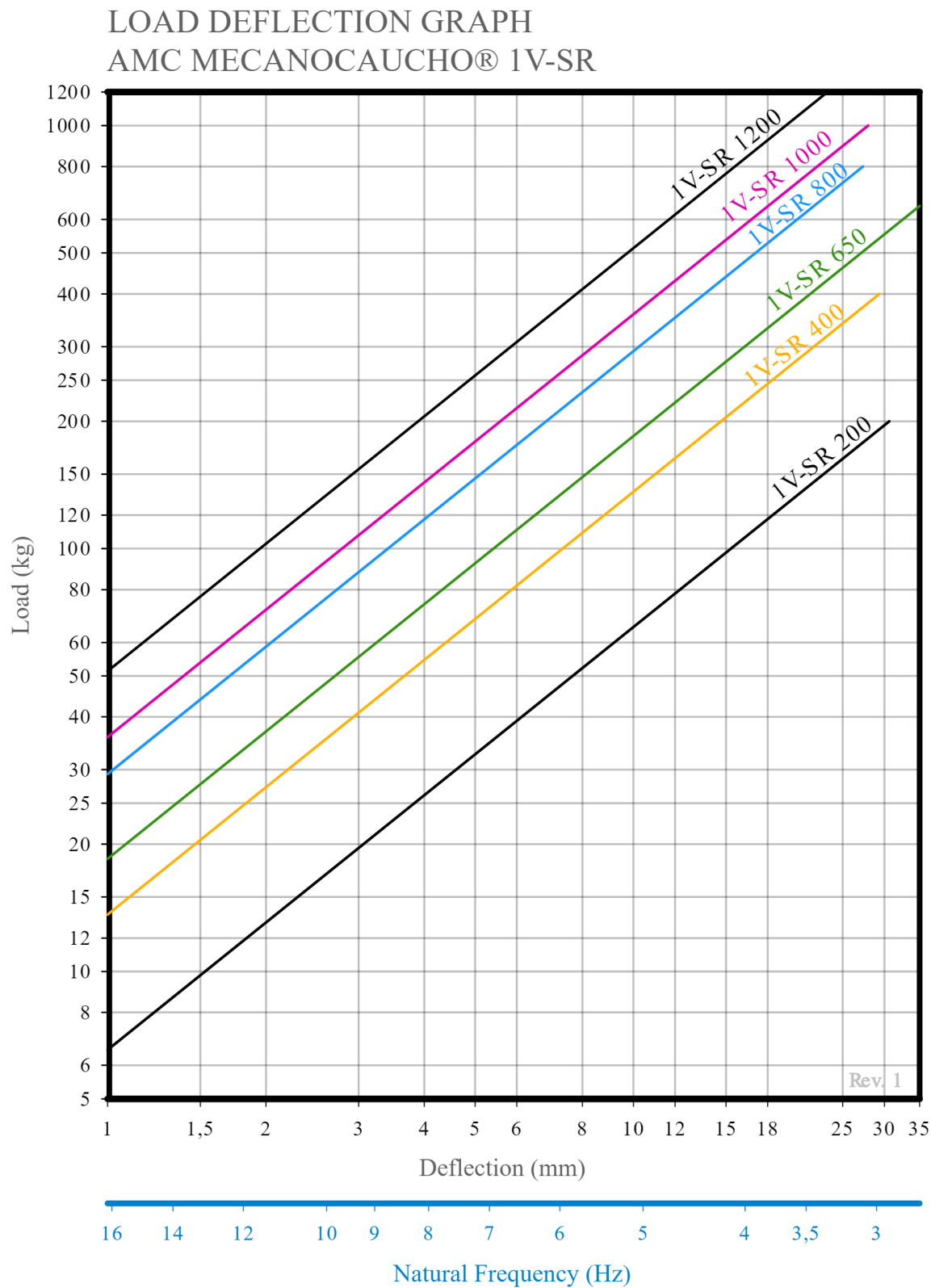
Drawings

V-SR-DB



Type	Code	Max. Load(kg)	Spring color	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	Weight(kg)
V-SR-DB	20557	200	BLACK	64	140	182	12	98,5	120	1.55
	20558	400	BLACK	134	140	182	12	98,5	120	1.9
	20403	650	BLACK	181	140	182	12	98,5	120	2.3
	20458	800	BLACK	267	140	182	12	98,5	120	2.6
	20662	1000	BLACK	351	140	182	12	98,5	120	3
	20559	1200	BLACK	503	140	182	12	98,5	120	3.11

Elastic properties



Technical characteristics

The mounts are able to reach low natural frequencies from 3 to 5 Hz. The spring combined with sylomer® is able to provide high isolation at low and medium frequencies.

The curves are showing the deflection and natural frequencies according to the load of the spring. Temperature working range from -30 to 70°. Short term higher temperatures are possible.