



Spring Isolator VT7002

Suspend sensitive equipment with our spring isolator 7002. An all-metal and light weight isolator mount. This series of isolators have an almost constant natural frequency of 7-10 Hz. Spring and damping element in stainless steel. Housing, center axel and bottom plate in aluminium. These mounts meet MIL-E-5400 and AIR 7303 standards.

Product Characteristics

Load in compression only. Built in movement limiters in all directions.

Natural frequency: 7-10 Hz (within the recommended load range)

Maximum excitation amplitude: ± 0.8 mm

Temperature range: -90°C to $+300^{\circ}\text{C}$

Magnification factor (Q): < 4

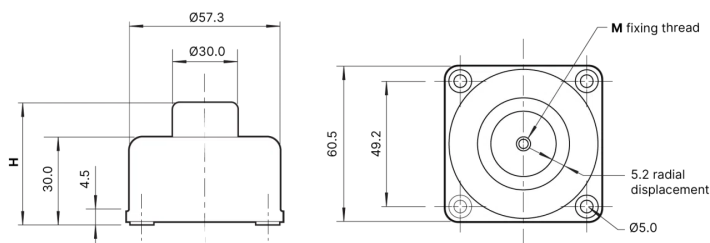
Mechanical strength: 10 g

Weight: 0.12 kg

Product Applications

The spring isolator 7002 is designed to suspend and protect sensitive components in electronic, electrical, or mechanical assemblies across a range of demanding environments. Typical application areas include hospitals, vehicles, aircraft, and industrial systems. Suspending light weight sensitive equipment, such as precision machine tools, helps shield it from harmful vibrations that can cause damage, reduce performance, and shorten equipment lifespan.

Technical Specifications





Spring-Isolator-VT7002-technical-specifications

spring-isolator-vt7002-technical-specifications.xlsx

Dimensions for H

Height	H (mm)
Free	40
Loaded	35

Load range

Isolator	Load Range in daN (≈kg)	M
7002-1CS	0.70 - 1.25	M6
7002-2CS	1.15 - 2.30	M6
7002-3CS	2.0 - 4.5	M6
7002-4CS	2.8 - 5.6	M6
7002-5CS	4.5 - 9.0	M6
7002-6CS	7.0 - 14.0	M6
7002-7CS	8.0 - 18.0	M6
7002-9CS	16.0 - 22.0	M6
7002-10/2SW	20.0 - 33.0	M8
7002-11/2SW	33.0 - 60.0	M8

VIBRATEC

Contact information

Sweden

+46 176207880
info@vibratec.se

Norway

+47 33070750
info@vibratec.no

Denmark

+45 49132244
info@vibratec.dk

Estonia

+372 56627990
info@vibratec.ee

Finland

+35 8402589117
palvelu@3di.fi

India

+91 7755996308
rc@vibratec.in



vibratec.org/linkedin



vibratec.org/youtube



vibratec.org/vimeo