



Spring Isolator VT4421

All-metal isolator with steel spring, damping element in 18/8 stainless steel wire and scrolls in aluminium. Excellent for vibration isolation because of its very low natural frequency of 8 - 11 Hz.

Product Characteristics

Soft isolator designed for loading in compression only.

Scrolls: aluminium

Weight (depending on suffix): 0.6 – 0.85 kg

Maximum excitation amplitude: ± 0.5 mm.

Mechanical strength: 2 g

Natural frequency: 8 – 11 Hz

Amplification factor Q: < 3

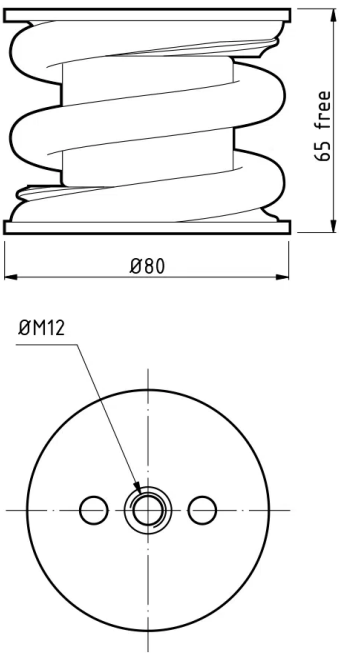
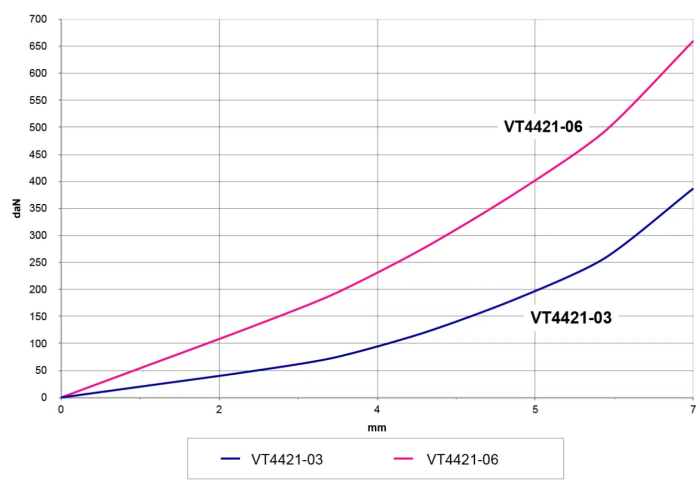
Temperature range: -90° to $+300^{\circ}$ C.

Product Applications

Isolation of rotating machines such as fans, compressors, generating sets, engines and protection of sensitive equipment.

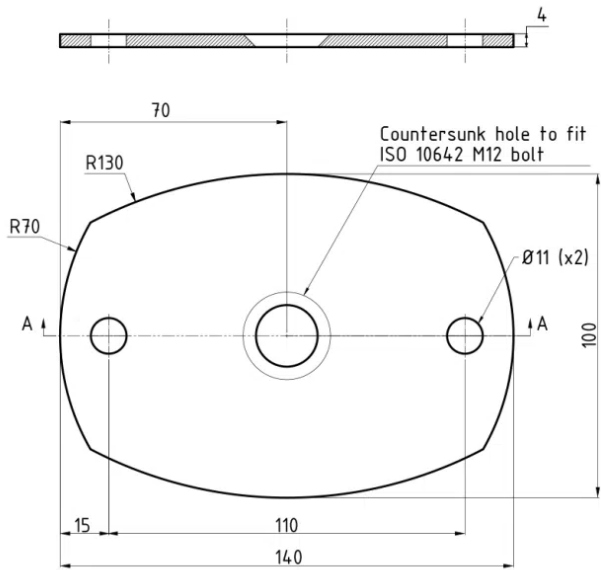
The isolators are delivered without mounting plate, which can be ordered separately. For greater static loads, multiple spring isolators are mounted together as a package (consult us).

Deflection curves for VT4421



Mounting plate

Section: A-A





Spring isolator VT4421 technical specification

spring-isolator-vt4421-technical-specification.xlsx

Sheet1

Type	Load range in daN (≈ kg)
VT4421-03	100 - 300
VT4421-06	300 - 600



Contact information

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