



Metal Cushion VT 1405

All-metal resilient element produced of 18/8 steel mesh. The progressive spring rate yields an almost constant natural frequency within a wide load range. The element is non-creeping, has excellent resistance to oils, solvents, water, chemical agents and to extremes of temperature. Cushions are also available in AISI 316 stainless steel wire and other special metals.

Product Characteristics

Load range: 25-250 daN ($\approx$ kg).

Deflection: 2,5-7,5 mm.

Natural frequency: 12-15 Hz.

Maximum excitation amplitude: $\pm 0,3$ mm.

Damping ratio: 15-20 %.

Amplification factor: 3-4.

Dynamic overload: 5 g

Temperature range: -90 °C to +300 °C.

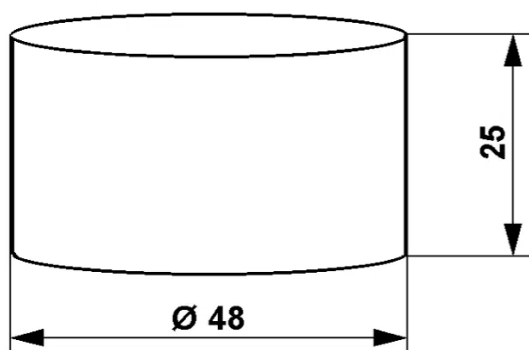
Product Applications

Isolation of machine tools, thermodynamic machines, transformers etc. The cushion is suited for vibration isolation of "floating floors".

Notes

- Also refer to isolator VT 1110 – VT 1140 for floating floors (load range 5-300 kg).
- For isolation of machine tools, see also VT 1502 and VT 1504-06.

Technical Specifications



Contact information

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