



Ref.	A	B	C	D	H
VT3353	84	110	76	For M16	66
VT3355	120	150	124	For M20	72

ALL METAL cushion isolator

Description

Double acting all metal resilient isolator produced of AISI 316 stainless. The progressive spring rate of the cushions yields an almost constant natural frequency over a wide load range. The elements are non creeping, has excellent resistance to oils, solvents, water, chemical agents and to extremes of temperature.

Characteristics

Material: stainless steel AISI316.
 Natural frequency: 15-20 Hz.
 Maximum excitation amplitude: 0.3 mm.
 Amplification factor: <4.
 Dynamic overload: 5 g
 Temperature range: -90 °C to +600 °C.

If required, it is possible to have the cushions produced in higher quality stainless steel or in other special metals.

Ref.	Load range in daN (≈kg)
VT3353	± 100 – 1500
VT3355	± 500 – 3000

Note. Radial loads are accepted up to 100 daN. Over that limit the centre pin short-circuit the isolator and acts as a mechanical stop.

Applications

Vibration isolation for all kind of heavy units, gas turbines, off-shore accommodation modules etc. Protection from high dynamic forces (impacts) of punching machines, power presses, etc.

Very useful as "snubber" for suspended marine equipment such as auxiliary engines.

Note

The cushions can be ordered separately, see data sheets for VT 1502-1506.

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