ACREFINE FIXING & SEISMIC

Acrefine Seismic Isolator

Restrained Spring Isolator with Stud

ASI-V

Patent # D777,015

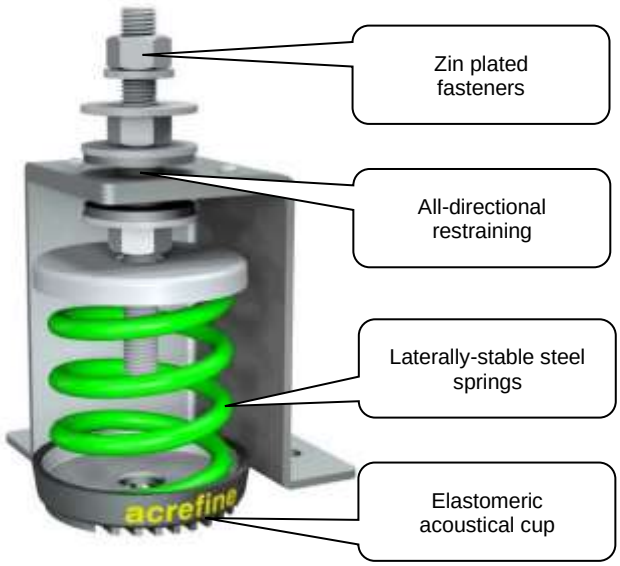
DESCRIPTION

Acrefine ASI-V type seismic vibration isolator is designed to restrain lateral and vertical equipment movement caused by external forces such as high winds or seismic events. The isolator housing is fabricated from high quality steel. Equipment motion is limited to 6 mm (1/4") which also ensures out-of-contact operation under normal conditions. The operational height of the isolator is fixed, and any adjustment can be made via the adjustment nut located under the equipment bracket.

Vibration isolation is achieved by free-standing laterally-stable steel springs. All springs are assembled into elastomeric acoustical cups to eliminate internal noise. Springs are designed with 50% overload capacity and the lateral spring stiffness is greater than the vertical stiffness to assure seismic stability.

KEY FEATURES

- ✓ Can be bolted or welded in place
- ✓ Constant free and operational height
- ✓ All-directional restraint, limiting equipment motion to 6 mm (1/4")
- ✓ Colour coded springs
- ✓ Powder coated housings and springs for superior corrosion protection, zinc plated fasteners
- ✓ Standard spring deflection of 25 mm (1") or 50 mm (2")
- ✓ Load capacity up to 1,280 kg (2,822 lb)



APPLICATIONS

Acrefine ASI-V seismic vibration isolator is designed for floor mounted equipment. This isolator is ideally suited for applications where seismic or high wind forces are likely. Spring deflections of 50 mm (2") provide excellent noise and vibration control.

ASI-V isolators are available with 25 mm (1") and 50 mm (2") deflection springs as standard. The load range is from 7 kg (15 lb) to 1,280 kg (2,822 lb). Higher deflection rates and load capacities are available upon request.