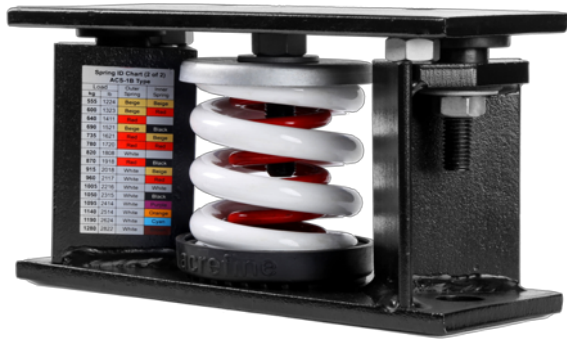


Acrefine Seismic Spring Isolator

Steel Housed Spring Isolator with Top Plate

ASI-T

DESCRIPTION



Acrefine ASI-T 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 welded steel. This design incorporates restraining points that limit vertical and lateral movement of the equipment. The operational height of the isolator is fixed, and any adjustment can be made via the adjustment nut located on top of the spring plate. Fixing holes are provided on the top plate for easy installation of equipment.

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")
- ✓ Field interchangeable, colour coded springs
- ✓ E-coated housings, powder coated springs and Geomet[®] coated fasteners for superior corrosion protection
- ✓ Designed for loads up to 18,660 kg (41,148 lb) with deflections up to 100 mm (4") as standard



APPLICATIONS

Acrefine ASI-T type seismic vibration isolator is designed for floor mounted equipment such as cooling towers, chillers, boilers, etc. 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-T isolators are available up to 100 mm (4") deflection as a standard. The load range is from 7 kg (15 lb) to 18,660 kg (41,148 lb). Higher deflection rates and load capacities are available upon request.

