



[HOME](#) » [COMMERCIAL CONSTRUCTION](#) » [SPRING FLOOR MOUNTED SEISMIC](#) » [ASCM ISOLATORS](#)



SPRING FLOOR MOUNTED SEISMIC

ASCM ISOLATORS

The ASCM Series Spring-Flex seismic isolators are designed for use in both seismic applications and where vertical restraint is required. The ASCM Series are ideal for use under fans, air handling units, pumps, chillers, or any type of equipment requiring vertical and horizontal restraint.

The design of the ASCM isolators incorporate a laterally stable steel spring within a steel housing. The low frequency steel spring is seated in an elastomeric acoustical cup that provides high frequency attenuation and eliminates metal-to-metal contact. All springs are color coded for ease of identification in the field.

The adjusting bolt of the isolator provides equipment-

leveling capability and passes through the steel housing which is protected by an elastomeric grommet that eliminates metal-to-metal contact, while providing a cushion during a seismic event. The leveling bolt also incorporates an adjustable upward rebound nut that limits vertical motion to 1/4".

The steel housing of the ASCM isolator provides vertical and horizontal restraint capability and keeps the equipment captive to the building structure during a seismic event. The bolt holes in the base plate of the isolator are properly sized and spaced to provide the maximum amount of restraint capability.

FEATURES & BENEFITS

- Wide choice of load ranges
- All hardware is zinc-plated and housings can be hot dip galvanized for corrosion resistance
- Color-coded springs permit proper identification of load capacity and simple isolator inspection
- Vertically adjustable snubber provides 1/4" operating clearance

APPLICATIONS

- Fans
- Air handling units
- Pumps (inertia bases)
- Compressors
- HVAC and industrial equipment

DOWNLOADS

Spec Sheets

[Spec Type 3-S Seismic Spring Isolators Floor Mounted Restrained](#)

Submittal Drawings

1" Deflection

[Model ASCM-LPT-1C 50 - 400 lbs. Low profile teen series seismic isolator 1 inch deflection.pdf](#)

[Model ASCM-1B 20-85 lbs. Seismic isolators 1 inch deflection.pdf](#)

[Model ASCM-1C 50-520 lbs. Seismic isolators 1 inch deflection.pdf](#)

[Model ASCM-1Y 60-1100 lbs. Seismic isolators 1 inch deflection.pdf](#)

RELATED SERVICES

Engineering

The engineers we employ hold the highest industry-recognized credentials in structural analysis, elastomer development and system dynamics.

Certification

We are the first ISO accredited PCA ISO-17065, third-party certification body for special seismic certification of non-structural building components and their mounting configurations by the ICC's International Accreditation Service.

Test & Measurement

We are the only ISO 17025:2005 Accredited Seismic Simulation Test Laboratory with a triaxial shake table owned and operated by California licensed Structural engineers.

Testing Services Update

DCL now offers Nuclear Qualification and Testing services.

In partnership with [Greenberry Industrial](#), we now offer testing services that meet the requirements of ASME NQA-1.

[Call for more information.](#)

RELATED PRODUCTS

