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## SPRING FLOOR MOUNTED SEISMIC **AMSR ISOLATORS**

AMSR Series Isolators are unitized, adjustable open-spring isolators with a welded steel housing designed to resist seismic forces in all directions. Restraint surfaces which engage under seismic motion are cushioned with a resilient elastomer to protect equipment. The AMSR Series is available with an optional shipping block when installed internally to OEM equipment for protection during shipping. The AMSR Series is available in deflections up to 4 inches.

### **FEATURES & BENEFITS**

- Rugged steel housing serves as blocking during equipment erection

- Housing offers no difference in elevation between installed and operating height
- Installation spacer ensures accurate installation height and adjustment
- Top plate may be welded or bolted to equipment – allowing flexible design options
- Housings are identical in height within each series
- Easily accessible bolt holes permit simplified installation
- Elastomeric acoustical cup eliminates high frequency vibrations
- Color-coded springs permit ease of identification of load capacity

## **APPLICATIONS**

- HVAC equipment (internal isolation)
- Fans
- Chillers
- Engine gensets
- Air handling units
- Pumps (inertia bases)
- Condensing units

## **DOWNLOADS**

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### **Spec Sheets**

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

### **Submittal Drawings**

#### **1" Deflection**

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

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

[Model AMSR-1E 195-3250 lbs. Seismic isolators 1 inch deflection.pdf](#)

## **2" Deflection**

[Model AMSR-2D 75-1640 lbs. Seismic Isolators 2 inch deflection.pdf](#)

[Model AMSR-2E 80-2700 lbs. Seismic isolators 2 inch deflection.pdf](#)

## **3" Deflection**

[Model AMSR-3C 75-1165 lbs. Seismic isolators 3 inch deflection.pdf](#)

[Model AMSR-3D 800-2035 lbs. Seismic isolators 3 inch deflection.pdf](#)

[Model AMSR-3E 1600-3500 lbs. Seismic isolators 3 inch deflection.pdf](#)

## **4" Deflection**

[Model AMSR-4D 1765-5210 lbs. Seismic Isolators 4 inch deflection.pdf](#)

[Model AMSR-4C 65-1460 lbs. Seismic isolators 4 inch deflection.pdf](#)

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## **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.](#)

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## **RELATED PRODUCTS**