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CEILING SUSPENDED MOUNTED NON-SEISMIC

HRSP SPRING & ELASTOMERIC POSITIONING HANGERS

HRSP Spring & Elastomeric Positioning Hangers are designed to isolate low and high frequency vibrations in suspended piping and equipment - preventing transmission of vibration to the building structure through the piping systems. The products incorporate a color-coded steel spring for ease of identification in the field. Load ranges from 21 - 8,200 lbs. and up to deflections of 3". Custom sizes and deflections up to 5" available upon request.

VMC Group Spring & Elastomeric Positioning Hangers incorporate a means for supporting the suspended equipment or piping at a fixed elevation during

installation regardless of load changes as well as a means for transferring the load to the spring. This is accomplished by a bearing plate within the hanger box that keeps suspended piping at a fixed elevation during installation and startup. This plate is designed to maintain suspended equipment and piping at a fixed elevation regardless of load changes. An adjustment nut is provided to transfer the load to the spring after the piping system has been filled with water, or the equipment is installed and level.

The HRSP Series Spring & Elastomeric Positioning Hangers offer the capability to incorporate eyebolt hardware to accommodate duct strap connections and/or pencil rods, when isolating ductwork and suspended ceilings.

FEATURES & BENEFITS

- Loads from 21 - 8,200 lbs. with static deflections up to 3" provide flexibility over a wide range of applications
- Pre-compressed hangers offer quick and easy installation for a fixed elevation in even the most challenging locations
- Color-coded springs provide easy identification of spring hangers for installation and inspection
- Combined elastomeric and spring for both low and high frequency isolation in one hanger box

APPLICATIONS

- Suspended piping
- Suspended electrical services
- Suspended equipment
- Suspended ductwork

DOWNLOADS

Spec Sheets

[Spec Type 6-POS Spring and Elastomeric Hanger - Positioning](#)

Submittal Drawings

1" Deflection

[Model HRSP-1C 50-370 lbs. Elastomeric and spring positioning hangers 1 inch deflection.pdf](#)

[Model HRSP-1D 85-1380 lbs. Elastomeric and spring positioning hangers 1 inch deflection.pdf](#)

[Model HRSP-1E 195-2000 lbs. Elastomeric and spring positioning hangers 1 inch deflection.pdf](#)

[Model HRSP-1E 2575-3250 lbs. Elastomeric and spring positioning hangers 1 inch deflection.pdf](#)

[Model HRSP-1G 3600 lbs. Elastomeric and spring positioning hangers 1 inch deflection.pdf](#)

2" Deflection

[Model HRSP-2D 75-1320 lbs. Elastomeric and Spring Positioning Hangers 2 inch deflection.pdf](#)

[Model HRSP-2E 80-2700 lbs. Elastomeric and spring positioning hangers 2 inch deflection.pdf](#)

3" Deflection

[Model HRSP-3C 75-1165 lbs. Elastomeric and spring positioning hangers 3 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