

KINETICS

Isolation Hangers Model RH-AD

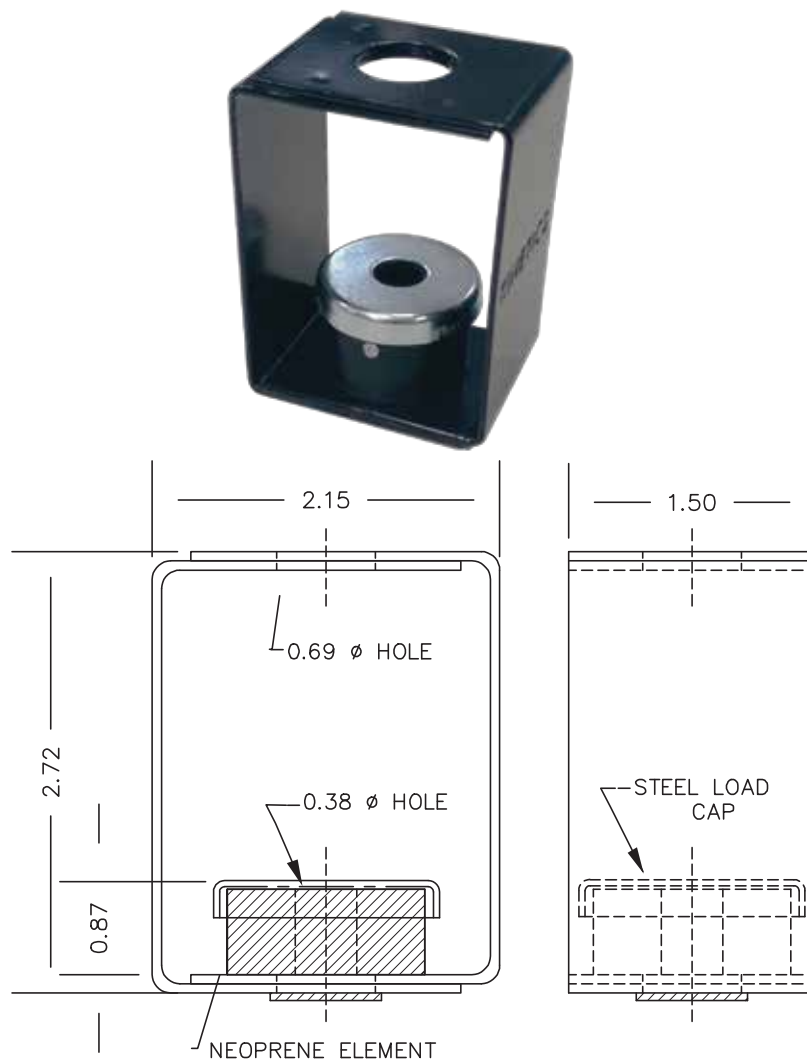
Description Kinetics Model RH-AD Vibration Isolation Hangers are designed to reduce the transmission of vibration and noise produced by suspended light mechanical equipment piping, and ductwork. RH-AD Hangers incorporate a color-coded elastomer-in-shear insert with a load cap, assembled into a stamped or welded hanger bracket. Model RH-AD hangers are a unique utilization of elastomer, loading the material in shear, rather than compression, increasing allowable strain without accelerating deterioration. RH-AD Hangers may be selected where first cost must be minimized.

Application Kinetics Model RH-AD hangers are used to isolate suspended sources of audible frequency vibration, or isolation of noise in piping and ductwork systems.

Specifications Vibration isolators with maximum static deflection requirements under operating load conditions not exceeding 0.50" (10mm) shall be hangers consisting of an elastomer-in-shear insert encased in a welded steel bracket and provided with a stamped load-transfer cap.

The elastomer insert shall be molded from oil resistant compounds, shall be color coded to indicate load capacity and selected to operate within its published load range.

The hanger bracket shall be designed to carry a 500% overload without failure and to allow support rod misalignment through a 30° arc without metal-to-metal contact or other short circuit.



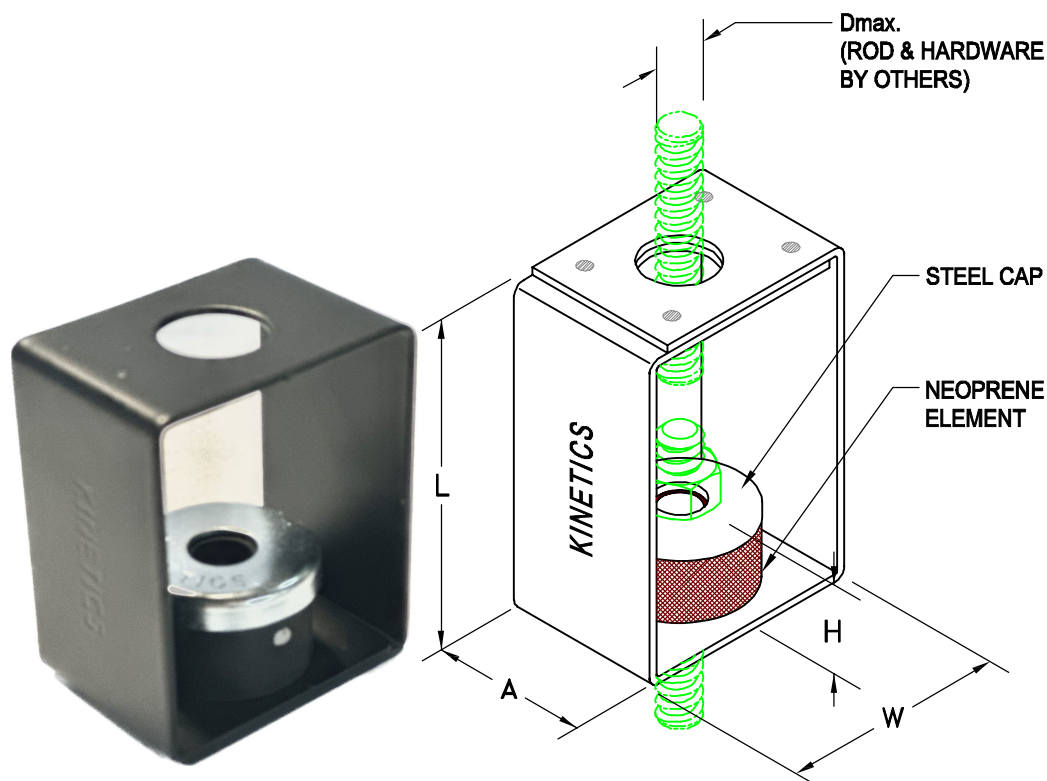
HANGER MODEL	RATED LOAD POUNDS	ELASTOMER COLOR CODE	RATED DEFL. INCHES
RH - 30AD	30	SILVER	0.30
RH - 45AD	45	RED	0.30
RH - 75AD	75	GREEN	0.30
RH - 125AD	125	WHITE	0.30

RH-A HANGERS

IP UNITS (INCHES AND POUNDS)

TYPE	L	W	A	Dmax	H
RH-30AD-125AD	2.72	2.15	1.50	0.38	0.87

STANDARD RATINGS				COLOR CODE
TYPE	SIZE	RATED		
		LOAD	DEFL.	
RH	30AD	30	0.30	SILVER
RH	45AD	45	0.30	RED
RH	75AD	75	0.30	GREEN
RH	125AD	125	0.30	WHITE



SPECIFICATIONS:

- HANGER BRACKETS ARE POWDER COATED (OPTIONAL ZINC ELECTROPLATED)
- RATED LOADS ARE MAXIMUM CONTINUOUS OPERATING LOADS.
- HANGER BRACKET WILL CARRY (5) TIMES OVERLOAD WITHOUT FAILURE.
- HANGER BRACKET WILL ALLOW 30° ROD MISALIGNMENT WITHOUT SHORT CIRCUITING.
- ISOLATION NEOPRENE ELEMENT HAVE A TYPICAL OVERLOAD CAPACITY OF 50%