

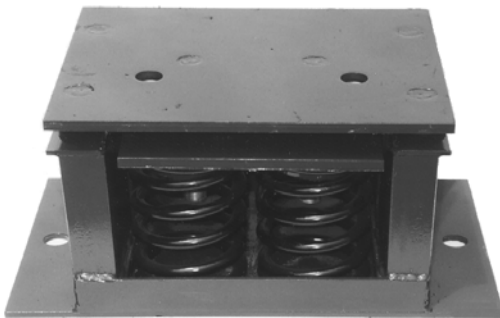


CATALOG NO. 98A-1197-C

Series 810-3

3" High Deflection SPRING ISOLATORS

with Vertical Limit Stop



Type 814-3

Material Specifications

Housings: A-36 Steel

Threaded Parts: A-325

Springs: ASTM 229

Oil tempered wire

Elastomer: Neoprene

Seismic Rating: Zone 2

Superior Isolation Efficiency: Series "810-3" spring isolators consist of welded housings and 3 inch deflection spring elements to provide excellent isolation of vibration over a wide frequency range.

Lateral Stability: Free-standing springs are laterally stable and designed to provide 50% overload capacity.

Vertical Limit Stops: Adjustable vertical limit stops control vertical and lateral movement of isolated equipment due to load change, and lateral seismic load.

Easy To Install: Built-in leveling bolt eliminates shimming during installations. Base can be designed for bolting or welding to the foundation.

Effective Noise Reduction: The neoprene base pad effectively interrupts structure-borne noise transmission paths to prevent noise amplification caused by sounding-board effect. Up to 3/4" thick is available.

Applications: The high deflection spring isolators are ideal for roof top, upper floor, hospital and low speed machineries installations where vibration and noise must be kept at a very low level.

Modifications: Many options are available to meet various installation requirements.

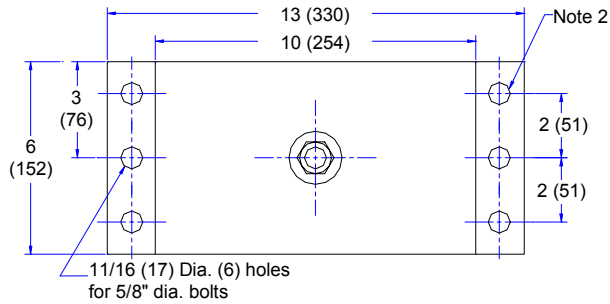
ACE MOUNTINGS CO., INC.

11 Cross Avenue
South Amboy, NJ 08879
Tel: (732)721-6200 Fax: (732)721-5005
Email: acemount@worldnet.att.net
Website: www.acemount.com

DIMENSIONS & LOAD CAPACITIES

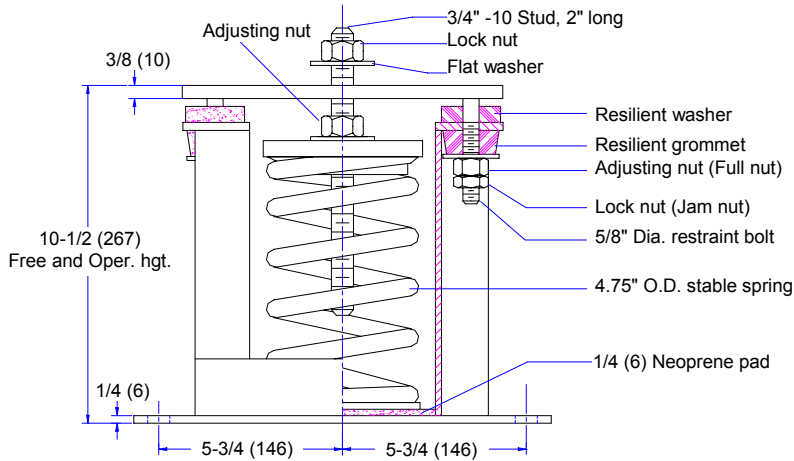
98A-1197-2-C

Type 811-3

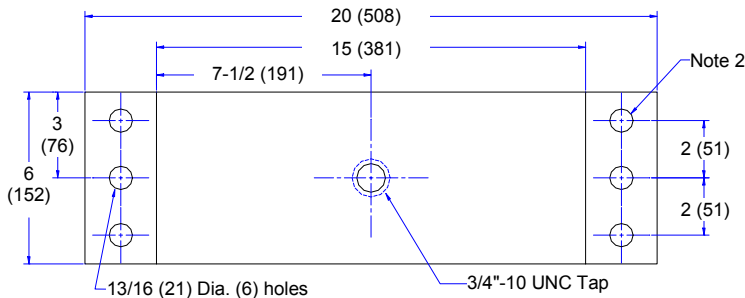


Size	Color of Spring	Rate in lbs/in	Max. Load @ 3" Defl. In lbs.
H	Black	525	1575
K	Blk & *Yel	650	1950

*Inner spring

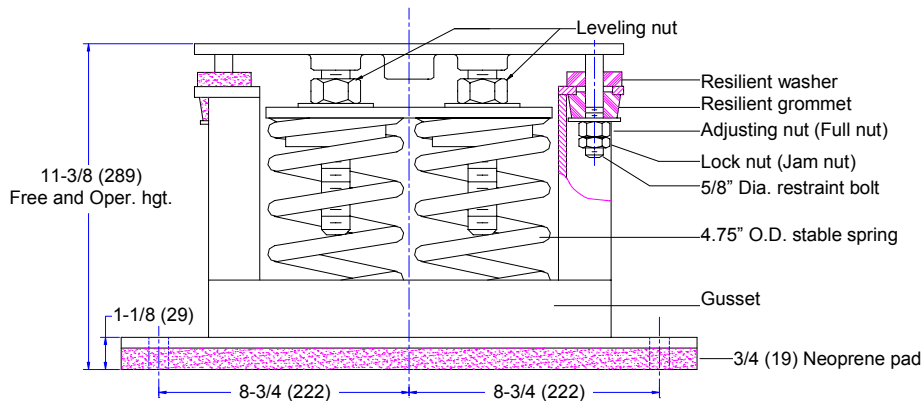


Type 812-3



Size	Color of Spring	Rate in lbs/in	Max. Load @ 3" Defl. In lbs.
G	Brown	660	1980
H	Black	1050	3150
J	Brn & *Yel	910	2730
K	Blk & *Yel	1300	3900

*Inner spring



2. For use with "W" shape support.
Note: 1. All dimensions are in inches (mm).

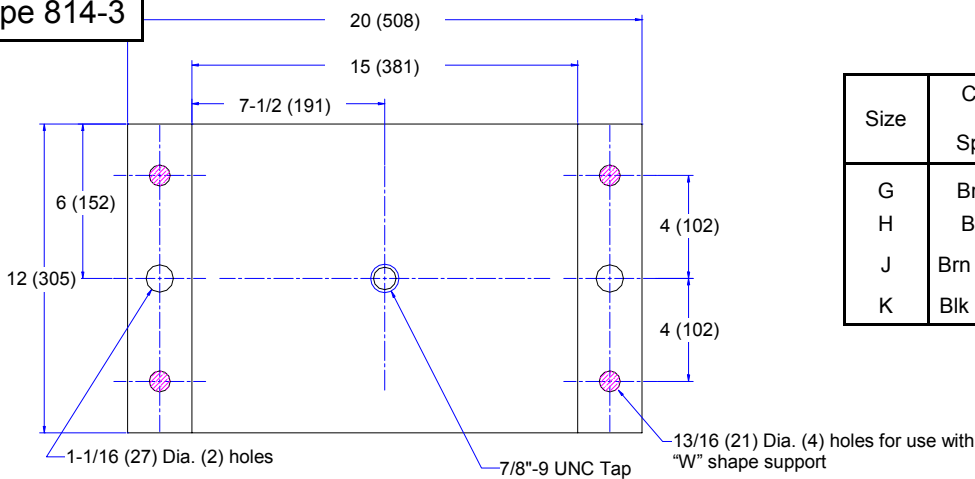
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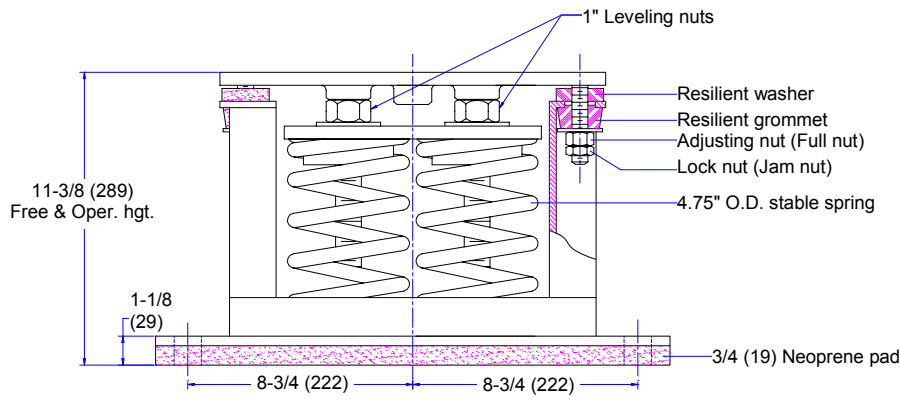
98A-1197-3-C

Type 814-3



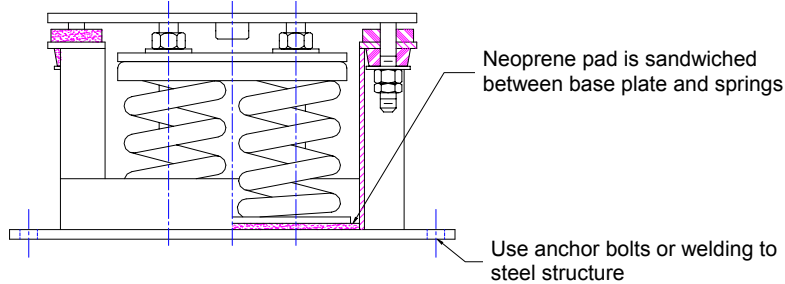
Size	Color of Spring	Rate in lbs/in	Max. Load @ 3" Defl. In lbs.
G	Brown	1320	3960
H	Black	2100	6300
J	Brn & *Yel	1820	5460
K	Blk & *Yel	2600	7800

*Inner spring

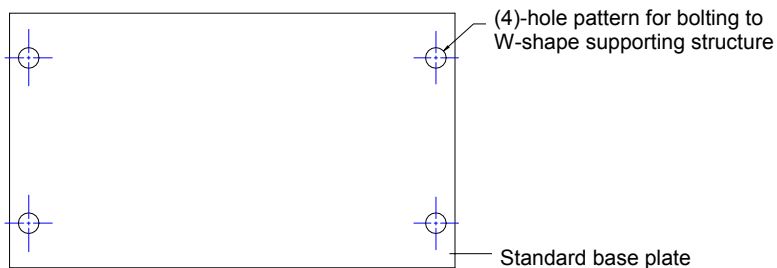


OPTIONS

Seismic Applications:



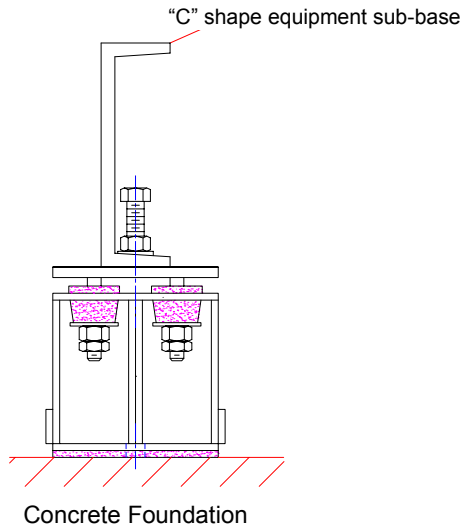
2. W-shape Foundation:



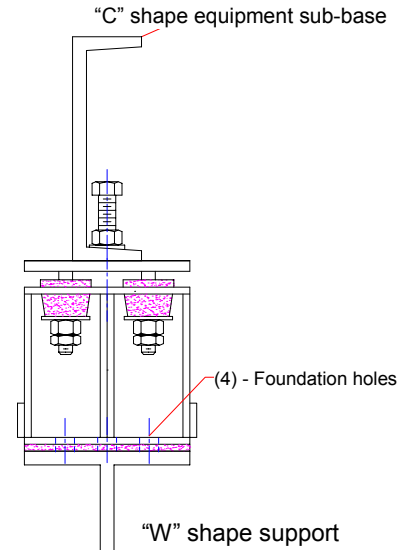
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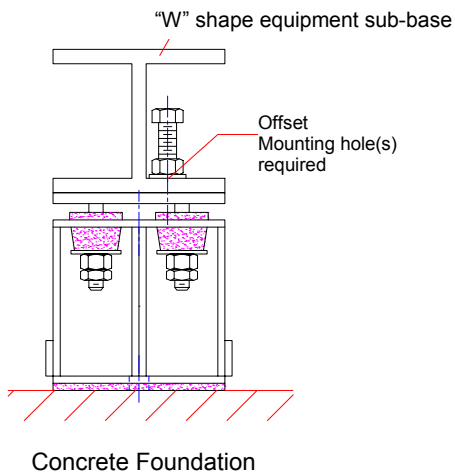
(A)



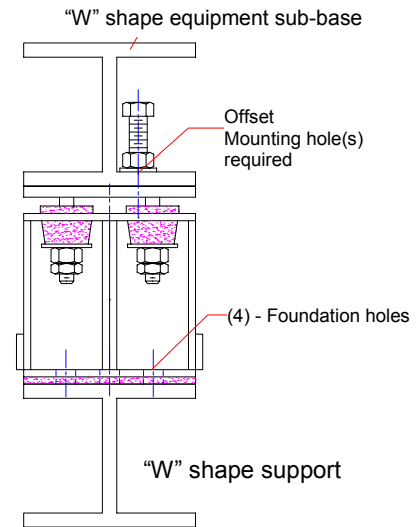
(B)



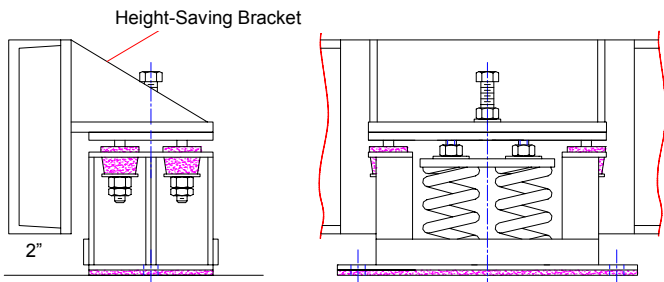
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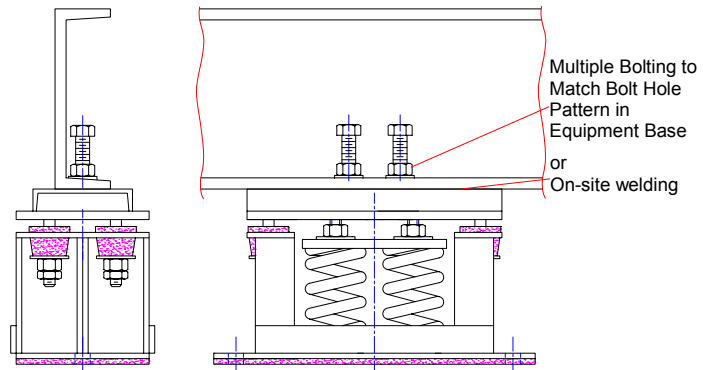
(D)



(E) Height-Saving Bracket



(F) Custom Mounting Arrangement



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