



Attributes

- Steel construction
- Buckling design
- Axial to radial stiffness ratio 2:1
- Designed to carry static loads in the axial direction but can accommodate dynamic inputs in the radial direction
- Attenuates 18" freefall drop input to 12g's

Applications

- Shipboard equipment
- Transit cases
- Vehicle electronics
- Missile transportation
- Lab equipment

Load Range

- 1975-1 = load ratings to 45 lbs.
- 1975-2 = load ratings to 70 lbs.
- 1975-3 = load ratings to 100 lbs.
- 1975-4 = load ratings to 145 lbs.

Specifications

- Natural Frequency— 12-20 Hertz
- Transmissibility at resonance—10:1 max. for Neoprene, 5.1 max. for Polybutadiene
- Resilient Element— Neoprene
- Standard materials—Steel (Grounding Strap Beryllium Copper)
- Weight = 4 lbs.

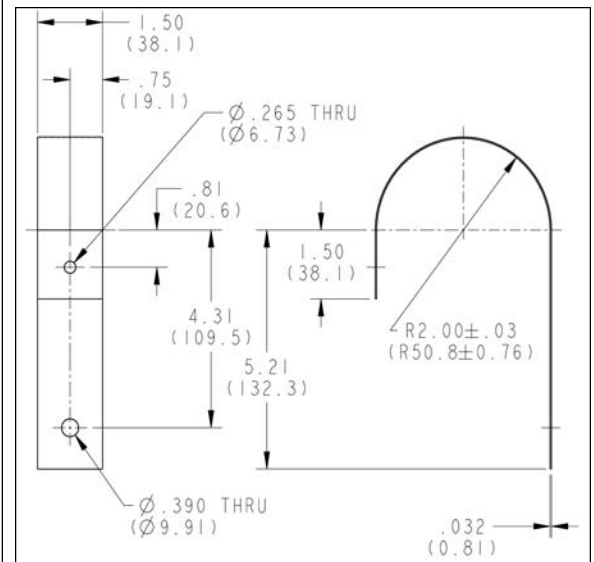
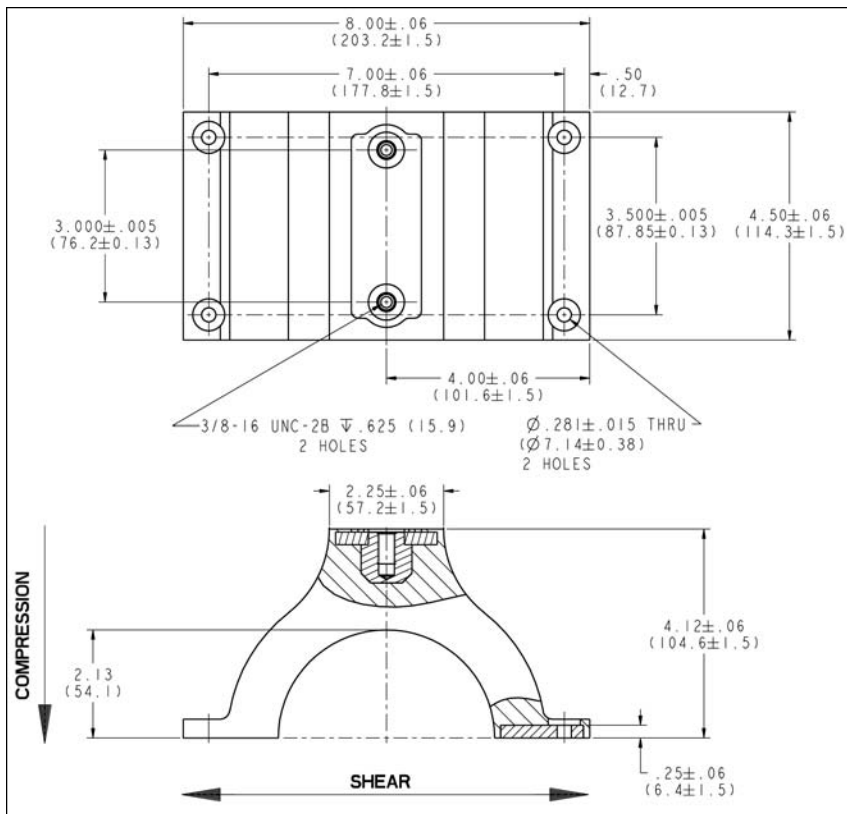
Elastomeric Data

- Neoprene has an operating temperature range of -40°F to 200°F (-40°C to $+93^{\circ}\text{C}$) and is resistant to fungus and ozone
- Polybutadiene (low temperature) compound has an operating temperature range of -60°F to $+180^{\circ}\text{F}$ (-50°C to 82°C) and resists oil and ozone

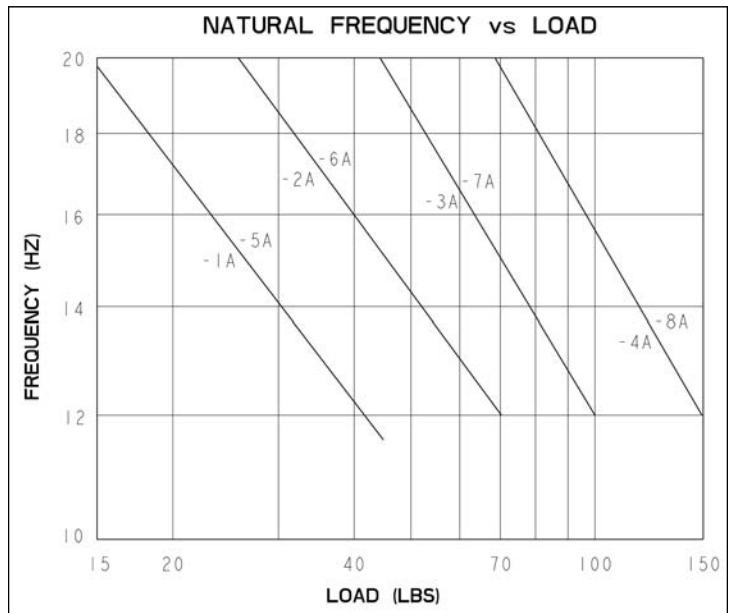
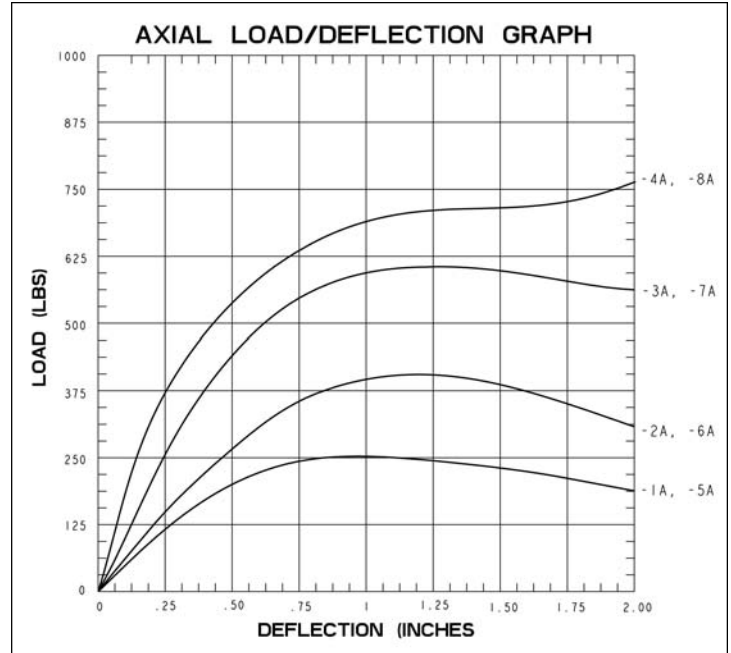
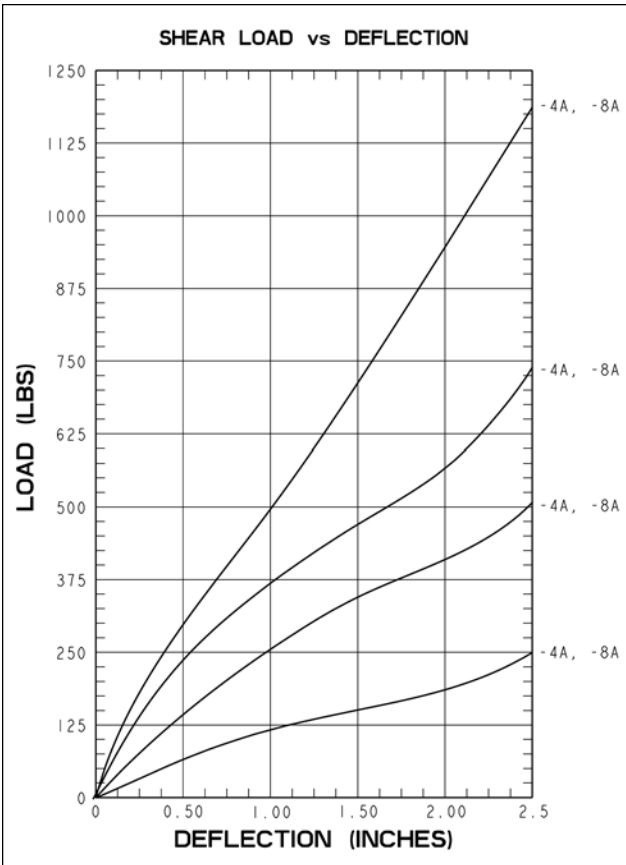
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Part #		Maximum Axial Load Ratings (lbs.)
Neoprene	Polybutadiene	
1975-1A	1975-5A	45
1975-2A	1975-6A	70
1975-3A	1975-7A	100
1975-4A	1975-8A	145



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