

CUPMOUNT SERIES (1000-4000)

A universal set of mounts for protection from severe shock environments, high-frequency vibration and structure borne noise.

APPLICATIONS

- Vehicular electronics
- Motors & pumps
- Shipboard equipment
- Aircraft/missile electronics
- Racking systems
- Random vibration environments
- Fans & blowers
- Transformers

FEATURES

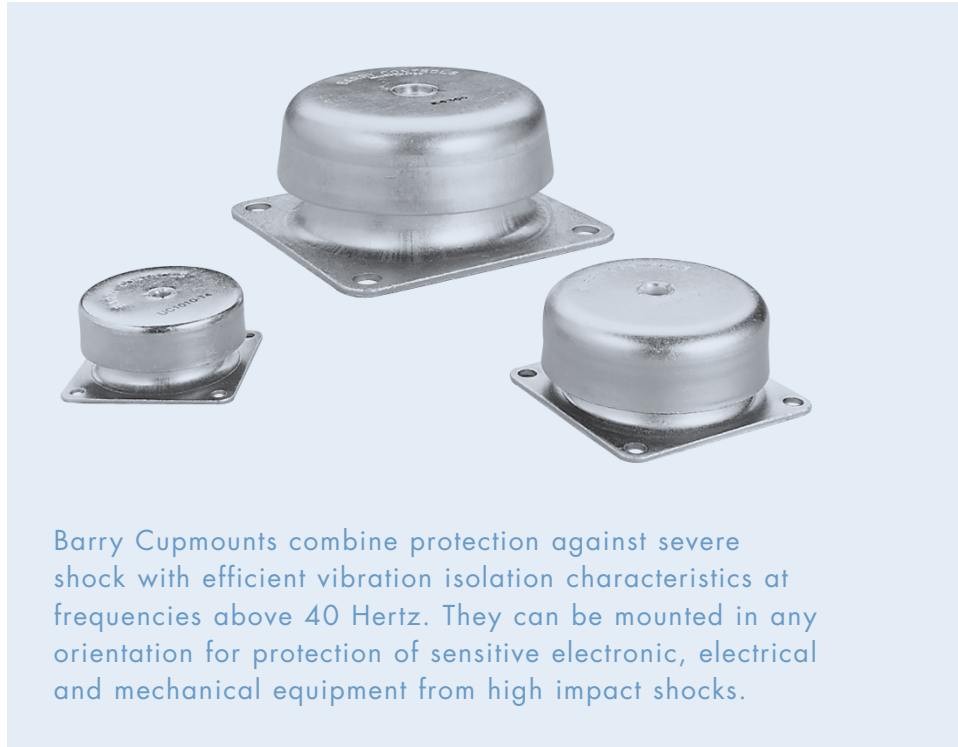
- Fail-safe, all-attitude isolators
- Gradually increasing stiffness under compression prevents bottoming out
- Zinc plated steel construction
- Provides isolation for frequencies above 40 Hz at max. load
- Compact, low-profile design

BENEFITS

- Provides protection in all directions
- Provides effective reduction of structure borne noise

LOAD RANGE

- Series 1000 = 4 load ratings to 100 lbs./mount
- Series 2000 = 4 load ratings to 250 lbs./mount
- Series 4000 = 4 load ratings to 900 lbs./mount
- Series 3000 = 4 load ratings to 1,800 lbs./mount



Barry Cupmounts combine protection against severe shock with efficient vibration isolation characteristics at frequencies above 40 Hertz. They can be mounted in any orientation for protection of sensitive electronic, electrical and mechanical equipment from high impact shocks.

Specifications

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|---------------------------------|---|
| • Natural Frequency | 20-45 Hertz |
| • Transmissibility at resonance | 4 max. (Hi-Damp Silicone) 6 max. (Universal Compound) 10 max. (Natural Rubber) |
| • Resilient Element | Hi-Damp Silicone, Universal Black Elastomer, Natural Rubber |
| • Standard Materials | Zinc plated steel |
| • Weight | Series 1000 = 6 oz. Series 2000 = 11lb. Series 3000 = 10 lbs. Series 4000 = 4 lbs. |

Environmental Data

- Barry Hi-Damp® Elastomer provides the most damping, an exceptionally high operating temperature range of -67°F to +300°F (-55°C to +150°C) and is resistant to ozone, fungus and other contaminants.
- Universal Black Elastomer is ideal when moderate damping is required and where oil immersion is encountered. Meets MIL-M-17185 (environmental) and MIL-STD-167 (vibration) specifications. The operating temperature range is -65°F to +180°F (-54°C to +85°C).
- Natural rubber provides high fatigue life. Operating range is -40°F to +180°F (-40°C to +82°C).