



Attributes

- Fail-safe
- All-attitude design
- Compact, low profile design
- Easy to install
- High damped Silicone, Neoprene or Natural Rubber
- Zinc plated steel construction
- Can be used in tandem for higher deflection capability

Applications

- Shipboard equipment
- Mobile platforms
- Avionics
- Rack mounted systems
- Military radios
- Weapons system

Load Range

- 1873-1 = load ratings to 250 lbs./mount max.
- 1873-2 = load ratings to 400 lbs./mount max.
- 1873-3 = load ratings to 650 lbs./mount max.
- 1873-4 = load ratings to 900 lbs./mount max.

Shock & Vibe

- Attenuates a 10g, 11 millisecond half-sine shock to 2 g's
- Survives a 30g, 11 millisecond half-sine
- Passes MIL-STD-167 vibration

Specifications

- Natural Frequency—20-45 Hertz
- Transmissibility at resonance—4 max. (Hi-damp silicone), 10 max. (Neoprene), 10 max. (Natural rubber)
- Resilient Element—Hi-damp silicone, Natural rubber, Neoprene
- Standard materials—Zinc plated steel
- Weight—Size 4 = 4 lbs.

Elastomeric Data

- High-Damp Silicone has an operating temperature of -67°F to +300°F (-55°C to +150°C) and is resistant to ozone, fungus and most solvents.
- Other elastomeric formulations are available in BUNA-N, Butyl, Polybutadiene and Neoprene.
- Neoprene has an operating range of -40°F to 200°F (-40°C to +93°C) and is used where oil immersion is present.
- Natural Rubber has an operating range of -25°F to +160°F (-37°C to +70°C) and is used in high dynamic amplitude environments.

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Part #	Size	Maximum Load (lbs.)	Load Range Shock lbs.	Free Height	Resilient Material	Structural Material	Core Style	Center Hole	Flange Holes	Transmissibility at Resonance Max.
1873-1SA	4	250	65-100	2.63	Hi-Damp Silicone	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	4:1
1873-2SA	4	400	100-155	2.63	Hi-Damp Silicone	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	4:1
1873-3SA	4	650	155-200	2.63	Hi-Damp Silicone	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	4:1
1873-4SA	4	900	200-285	2.63	Hi-Damp Silicone	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	4:1
1873-1SB	4	250	65-100	2.63	Hi-Damp Silicone	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	4:1
1873-2SB	4	400	100-155	2.63	Hi-Damp Silicone	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	4:1
1873-3SB	4	650	155-200	2.63	Hi-Damp Silicone	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	4:1
1873-4SB	4	900	200-285	2.63	Hi-Damp Silicone	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	4:1

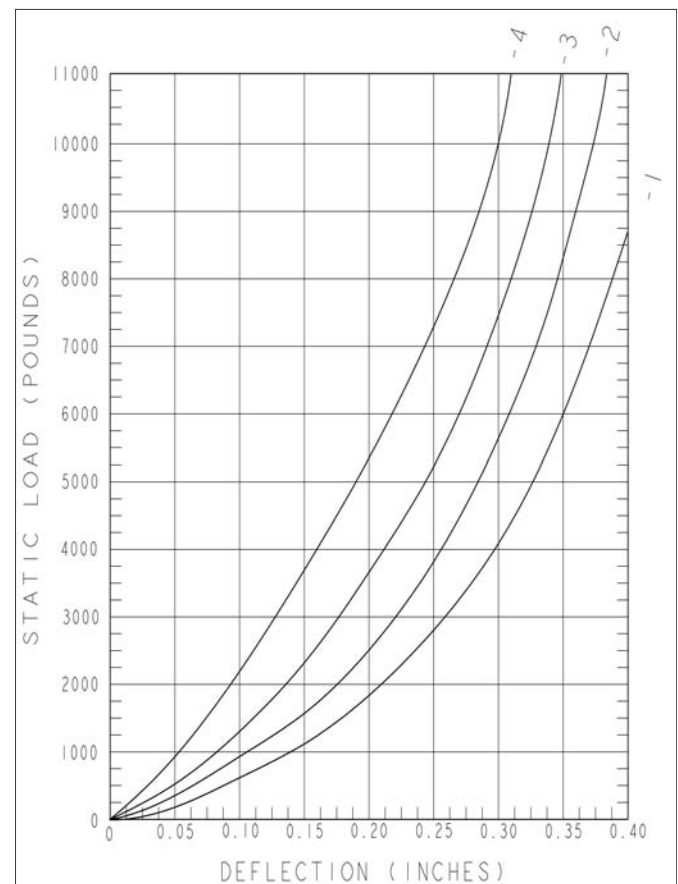
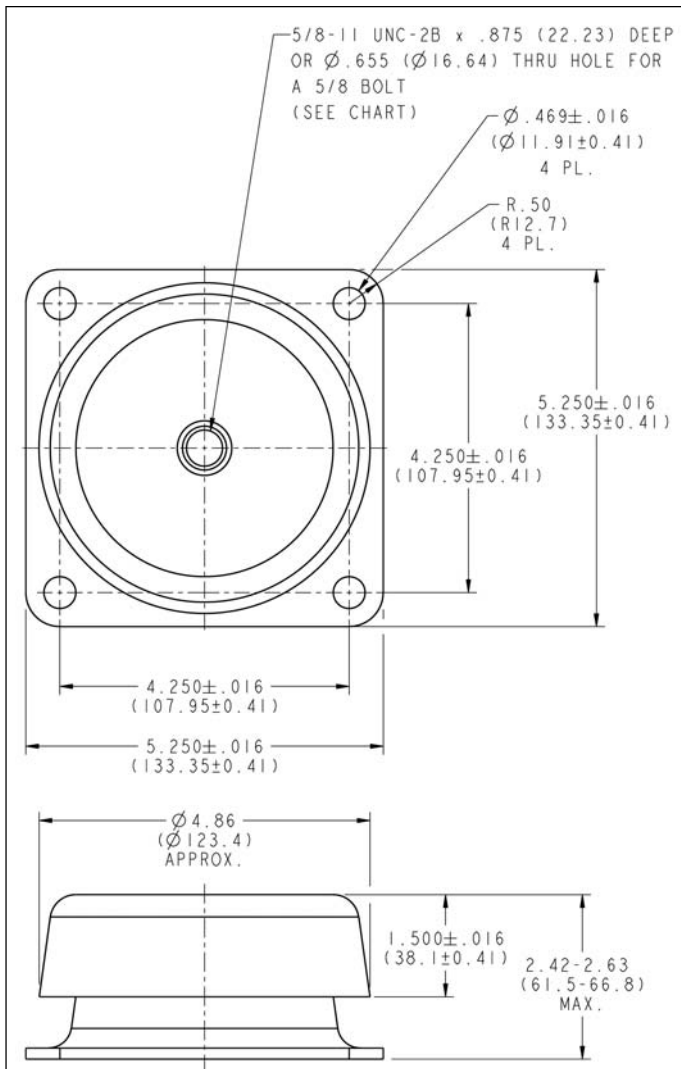
Part #	Size	Maximum Load (lbs.)	Load Range Shock lbs.	Free Height	Resilient Material	Structural Material	Core Style	Center Hole	Flange Holes	Transmissibility at Resonance Max.
1873-1NA	4	250	65-100	2.63	Neoprene	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	10:1
1873-2NA	4	400	100-155	2.63	Neoprene	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	10:1
1873-3NA	4	650	155-200	2.63	Neoprene	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	10:1
1873-4NA	4	900	200-285	2.63	Neoprene	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	10:1
1873-1NB	4	250	65-100	2.63	Neoprene	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	10:1
1873-2NB	4	400	100-155	2.63	Neoprene	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	10:1
1873-3NB	4	650	155-200	2.63	Neoprene	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	10:1
1873-4NB	4	900	200-285	2.63	Neoprene	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	10:1

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Part #	Size	Maximum Load (lbs.)	Load Range Shock lbs.	Free Height	Resilient Material	Structural Material	Core Style	Center Hole	Flange Holes	Transmissibility at Resonance Max.
1873-1NRA	4	250	65-100	2.63	Natural Rubber	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	10:1
1873-2NRA	4	400	100-155	2.63	Natural Rubber	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	10:1
1873-3NRA	4	650	155-200	2.63	Natural Rubber	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	10:1
1873-4NRA	4	900	200-285	2.63	Natural Rubber	Zinc Plated Steel	Threaded	5/8-11 UNC -2B	Ø.469	10:1
1873-1NRB	4	250	65-100	2.63	Natural Rubber	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	10:1
1873-2NRB	4	400	100-155	2.63	Natural Rubber	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	10:1
1873-3NRB	4	650	155-200	2.63	Natural Rubber	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	10:1
1873-4NRB	4	900	200-285	2.63	Natural Rubber	Zinc Plated Steel	Thru Hole	Ø.655	Ø.469	10:1

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