



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

- 2100-1 = load ratings to 5 lbs./mount max.
- 2100-2 = load ratings to 10 lbs./mount max.
- 2100-3 = load ratings to 15 lbs./mount max.
- 2100-4 = load ratings to 20 lbs./mount max.

Shock & Vibe

- Attenuates a 10g, 11 millisecond half-sine shock to 2 g's
- Survives a 40g, 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 0 = 2.58 oz.

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.
2100-1SA	0	5	2-4	.83	Hi-Damp Silicone	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	4:1
2100-2SA	0	10	4-7	.83	Hi-Damp Silicone	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	4:1
2100-3SA	0	15	7-10	.83	Hi-Damp Silicone	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	4:1
2100-4SA	0	20	10-14	.83	Hi-Damp Silicone	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	4:1
2100-1SB	0	5	1-7	.83	Hi-Damp Silicone	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	4:1
2100-2SB	0	10	3-9	.83	Hi-Damp Silicone	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	4:1
2100-3SB	0	15	5-11	.83	Hi-Damp Silicone	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	4:1
2100-4SB	0	20	8-14	.83	Hi-Damp Silicone	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	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.
2100-1NA	0	5	2-4	.83	Neoprene	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-2NA	0	10	4-7	.83	Neoprene	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-3NA	0	15	7-10	.83	Neoprene	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-4NA	0	20	10-14	.83	Neoprene	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-1NB	0	5	1-7	.83	Neoprene	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	10:1
2100-2NB	0	10	3-9	.83	Neoprene	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	10:1
2100-3NB	0	15	5-11	.83	Neoprene	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	10:1
2100-4NB	0	20	8-14	.83	Neoprene	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	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.
2100-1NRA	0	5	2-4	.83	Natural Rubber	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-2NRA	0	10	4-7	.83	Natural Rubber	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-3NRA	0	15	7-10	.83	Natural Rubber	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-4NRA	0	20	10-14	.83	Natural Rubber	Zinc Plated Steel	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-1NRB	0	5	1-7	.83	Natural Rubber	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	10:1
2100-2NRB	0	10	3-9	.83	Natural Rubber	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	10:1
2100-3NRB	0	15	5-11	.83	Natural Rubber	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	10:1
2100-4NRB	0	20	8-14	.83	Natural Rubber	Zinc Plated Steel	Thru Hole	Ø.172	Ø.141	10:1

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.
2100-1SAZB	0	5	2-4	.83	Hi-Damp Silicone	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	4:1
2100-2SAZB	0	10	4-7	.83	Hi-Damp Silicone	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	4:1
2100-3SAZB	0	15	7-10	.83	Hi-Damp Silicone	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	4:1
2100-4SAZB	0	20	10-14	.83	Hi-Damp Silicone	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	4:1
2100-1SBZB	0	5	1-7	.83	Hi-Damp Silicone	Black Zinc	Thru Hole	Ø.172	Ø.141	4:1
2100-2SBZB	0	10	3-9	.83	Hi-Damp Silicone	Black Zinc	Thru Hole	Ø.172	Ø.141	4:1
2100-3SBZB	0	15	5-11	.83	Hi-Damp Silicone	Black Zinc	Thru Hole	Ø.172	Ø.141	4:1
2100-4SBZB	0	20	8-14	.83	Hi-Damp Silicone	Black Zinc	Thru Hole	Ø.172	Ø.141	4:1

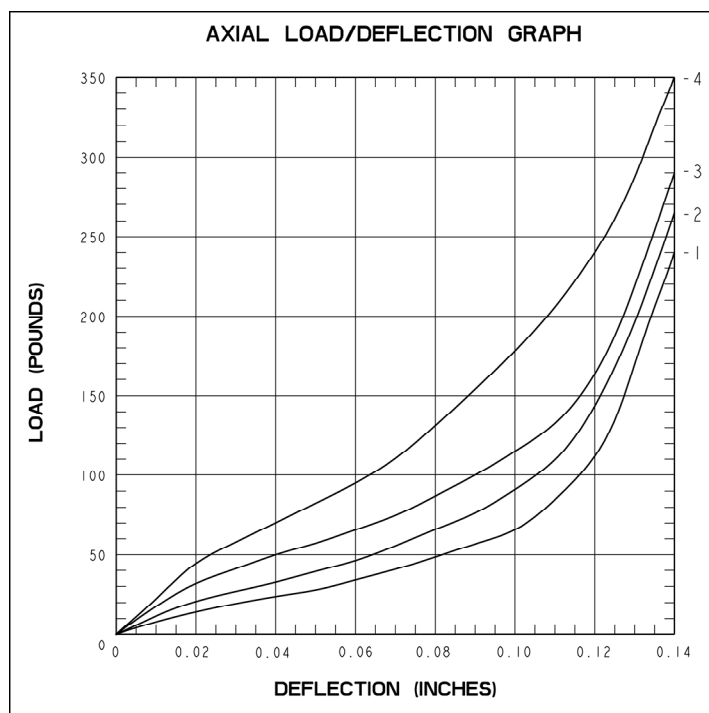
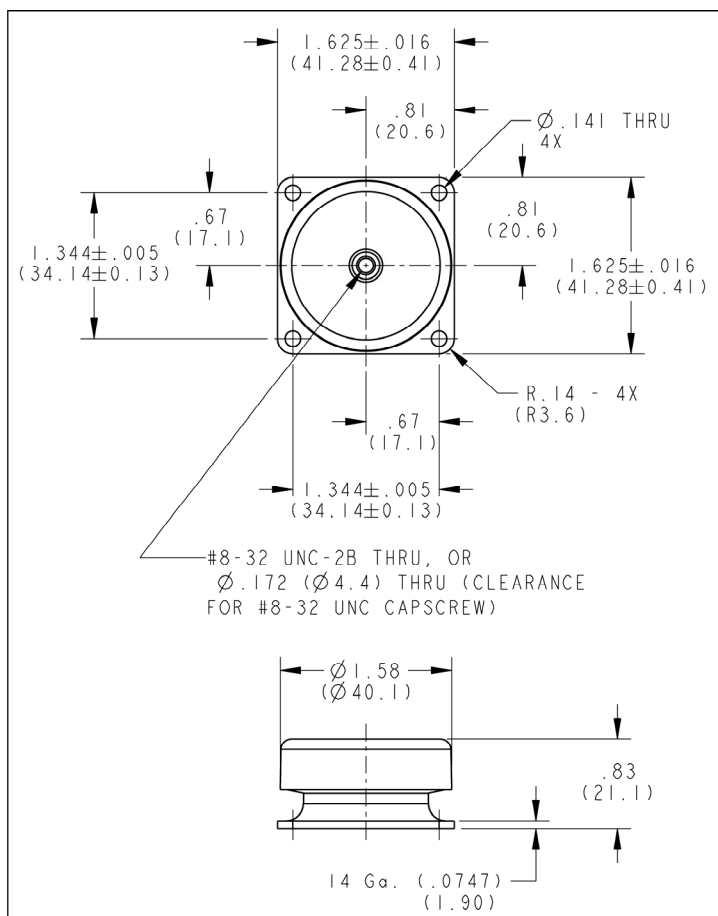
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Part #	Size	Maximum Load (lbs.)	Load Range Shock lbs.	Free Height	Resilient Material	Structural Material	Core Style	Center Hole	Flange Holes	Transmissibility at Resonance Max.
2100-1NAZB	0	5	2-4	.83	Neoprene	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-2NAZB	0	10	4-7	.83	Neoprene	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-3NAZB	0	15	7-10	.83	Neoprene	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-4NAZB	0	20	10-14	.83	Neoprene	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-1NBZB	0	5	1-7	.83	Neoprene	Black Zinc	Thru Hole	Ø.172	Ø.141	10:1
2100-2NBZB	0	10	3-9	.83	Neoprene	Black Zinc	Thru Hole	Ø.172	Ø.141	10:1
2100-3NBZB	0	15	5-11	.83	Neoprene	Black Zinc	Thru Hole	Ø.172	Ø.141	10:1
2100-4NBZB	0	20	8-14	.83	Neoprene	Black Zinc	Thru Hole	Ø.172	Ø.141	10:1

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.
2100-1NRAZB	0	5	2-4	.83	Natural Rubber	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-2NRAZB	0	10	4-7	.83	Natural Rubber	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-3NRAZB	0	15	7-10	.83	Natural Rubber	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-4NRAZB	0	20	10-14	.83	Natural Rubber	Black Zinc	Threaded	8-32 UNC-2B	Ø.141	10:1
2100-1NRBZB	0	5	1-7	.83	Natural Rubber	Black Zinc	Thru Hole	Ø.172	Ø.141	10:1
2100-2NRBZB	0	10	3-9	.83	Natural Rubber	Black Zinc	Thru Hole	Ø.172	Ø.141	10:1
2100-3NRBZB	0	15	5-11	.83	Natural Rubber	Black Zinc	Thru Hole	Ø.172	Ø.141	10:1
2100-4NRBZB	0	20	8-14	.83	Natural Rubber	Black Zinc	Thru Hole	Ø.172	Ø.141	10:1

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