

BM Series

Low Frequency Elastomer Shock & Vibration Isolation Mounts

Features/Benefits

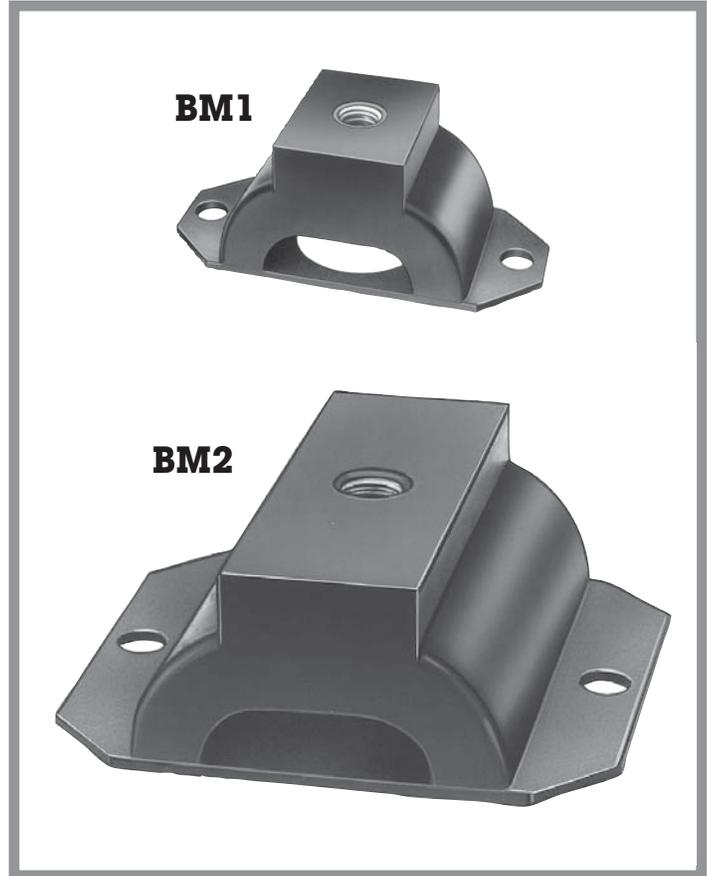
- Static Load Range 30 – 260 lbs.
- Normally Recommended for vertically applied loads
- Low natural frequency (approx. 8 Hz at max. rated load)
- Provides high deflection shock isolation
- Structureborne noise attenuation

Construction/Material Data

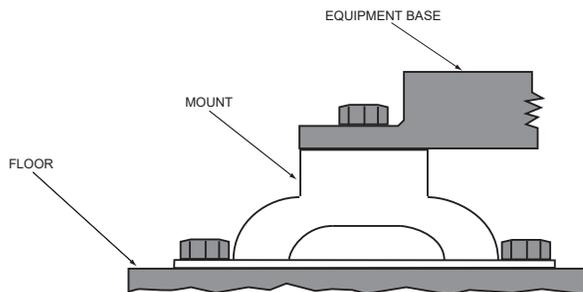
- Structural sections - carbon steel
- Rust resistant coating on metal surfaces
- Neoprene elastomer
 - Resists oils, ozone and most solvents
 - Operating temperature range (-20°F to +180°F)
 - Damping ratio $C/C_C = .01$ (transmissibility approx. 5:1 at resonance)

Applications

- Motor Generators and Compressors
- Electric Motors
- HVAC Equipment
- Mobile Equipment and Machinery
- Centrifuges and Pumps
- In-Plant Machinery



Typical Installation

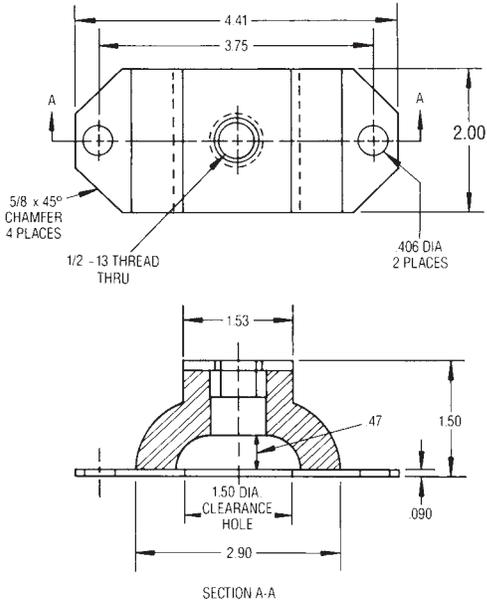


CAUTION: Mount is not inherently "fail safe", and therefore should not be used in mobile applications without some external means of restraint.



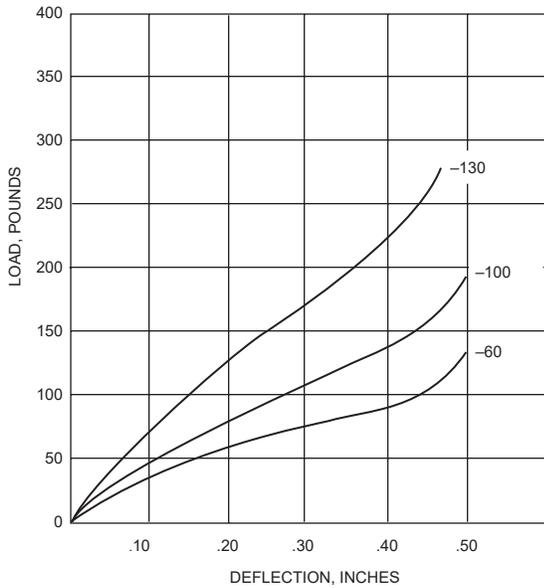
BM1

Part No.	Axial Static Load Range (pounds)
BM1-60	30 – 60
BM1-100	50 – 100
BM1-130	65 – 130



WEIGHT - .47 lbs.

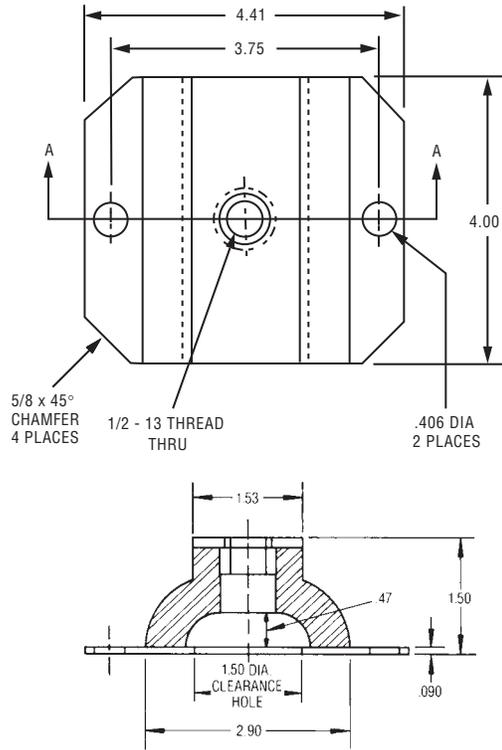
AXIAL LOAD Vs. DEFLECTION



(Axial to Radial Stiffness Ratio Approx. 2:1)

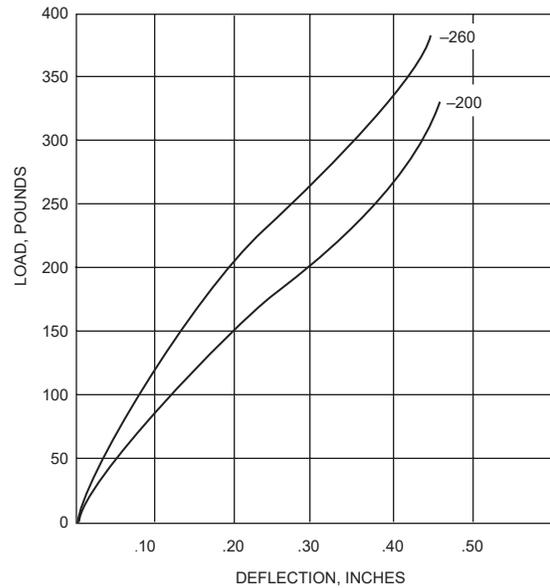
BM2

Part No.	Axial Static Load Range (pounds)
BM2-200	100 – 200
BM2-260	130 – 260



WEIGHT - 1.00 lbs.

AXIAL LOAD Vs. DEFLECTION



(Axial to Radial Stiffness Ratio Approx. 2:1)



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