LD Series Elastomer Mounts

Features/Benefits

At maximum rated load, the LD mounts attenuate a 15g, 11 millisecond shock to 10 g's and a 30g, 11 millisecond shock to 16 g's. Axial to radial stiffness is approximately 2.3:1. Transmissibility at resonance is approximately 5 to 1 for silicone and 7 to 1 for neoprene.

Applications

The LD Series mount is a mid-frequency isolator with a large deflection capability to give both shock and vibration protection. The standard neoprene version is for applications where extreme high or low temperatures are not a concern. The alternate Polybutadiene version is for applications with operating temperatures to -65°F. Both units are applicable where high amplitude vibration inputs are expected or large shock deflections are needed.

Environmental Data

LD isolators in neoprene operate over a temperature range of -20°F to +180°F and the mount is resistant to oil and ozone. For lower temperatures, LD2 mounts are available in Polybutadiene.

Installation Data

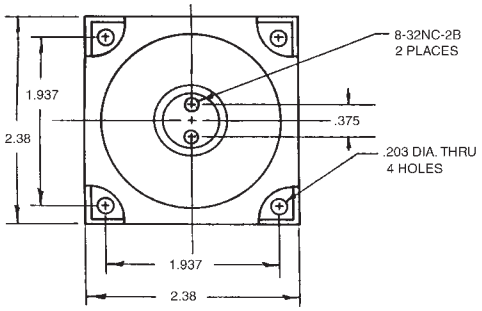
No special tools are required for installation. The central core is tapped to accept common screws. This mount is not inherently fail-safe. A suitable means of restraining the isolated sytem is required.

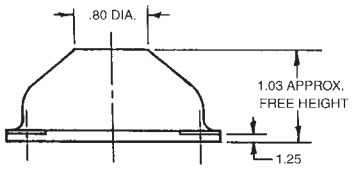
LD1

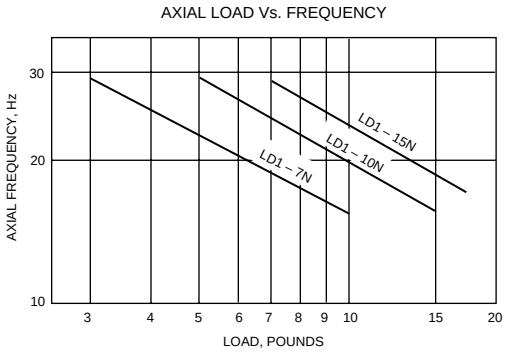
LD2

LD1 Series

Part Number	Axial Static Load Max, (pounds)
LD1-7N	7
LD1-10N	10
LD1-15N	15



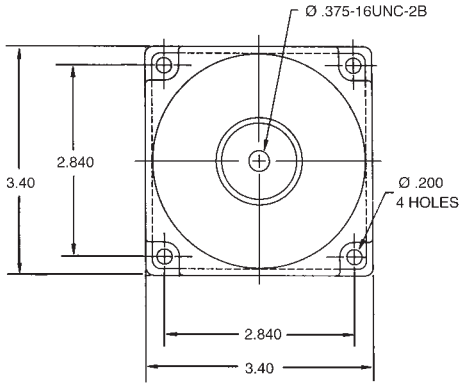


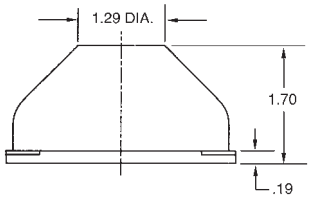


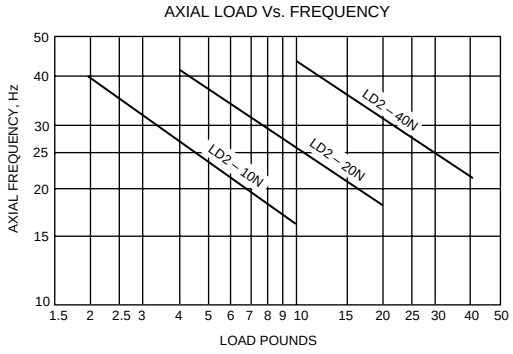
Tested with .036 in. D.A. input

LD2 Series

Part Number	Axial Static Load Max, (pounds)
LD2-10N	10
LD2-20N	20
LD2-40N	40







Tested with .036 in. D.A. input