VIB803 HIGH DEFLECTION MOUNT

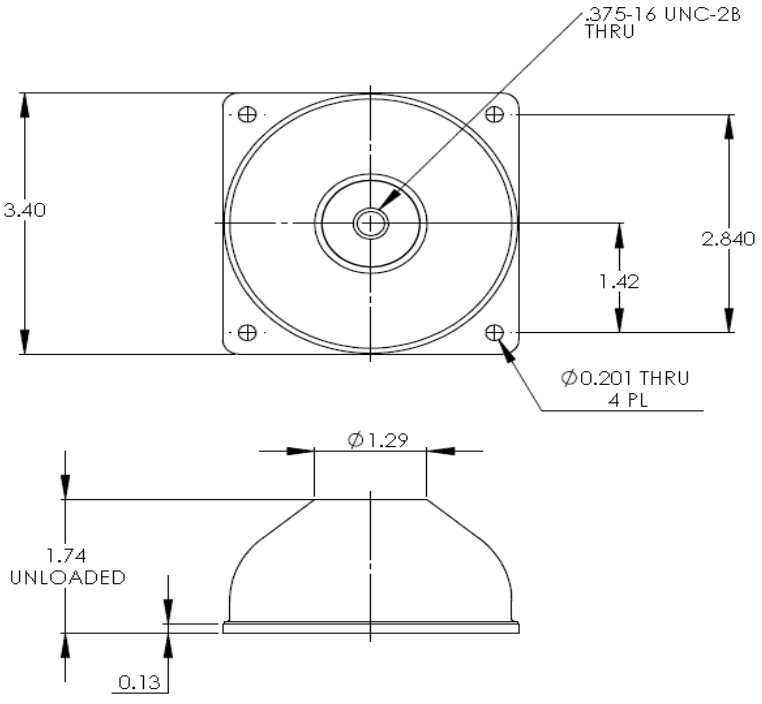
PRODUCT SPECIFICATIONS

Operating Temperature: -67 to +300 F (Silicone)
-20 to +180 F (Neoprene)
Maximum Transmissibility at Resonance: 4.0 (Silicone)
10.0 (Neoprene)
Load Capacity: 12 – 30 lb
Axial-Radial Stiffness Ratio: 2.3:1
Part Weight: 6.5 oz.
Materials:
Core and Base Plate: Aluminum alloy 6061-T6, chem. Film per MIL-C-5541 Class 1A

Performance Characteristics

Load Rating (lb)	Part No. Neoprene	Material	Axial Natural Frequency	Dynamic Axial Spring Rate		Dynamic Radial Spring Rate	
			Hz	lb/in	N/mm	lb/in	N/mm
8—12	VIB2803-1	Neoprene	20	494	87	213	38
15—20	VIB2803-2			809	142	352	62
20—30	VIB2803-3			1235	217	537	94
7—10	VIB3803-1	Silicone	22	494	87	215	38
12—18	VIB3803-2			809	142	352	62
18—25	VIB3803-3			1235	217	537	94

*Fn at max rated load and .036 inch DA input
To correct for loads lower than rated load use:
$F_n = F_{nn} * \sqrt{P_r/P_a}$
Where:
F_n: Natural Frequency at actual load (Hz)
F_{nn}: Nominal Natural Frequency (Hz)
P_r: Rated load
P_a: Actual load



Transmissibility vs Frequency