

# VIB801 HIGH DEFLECTION MOUNT

## PRODUCT SPECIFICATIONS

Operating Temperature: -67 to +300 F (Silicone)  
-20 to +180 F (Neoprene)

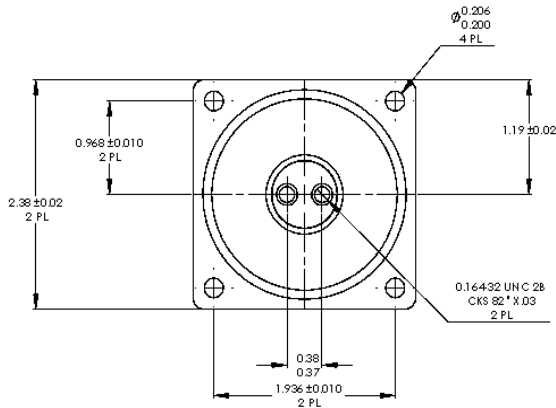
Maximum Transmissibility at Resonance: 4.0 (Silicone)  
10.0 (Neoprene)

Load Capacity: 7 – 15 lb

Axial-Radial Stiffness Ratio: 1:1

Part Weight: 2.0 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	Part No. Silicone	Axial Natural Frequency (Hz)	Dynamic Axial Spring Rate		Dynamic Radial Spring Rate	
				lb/in	N/mm	lb/in	N/mm
7.0	VIB2801-1	VIB3801-1	15	160	29	160	29
10.0	VIB2801-2	VIB3801-2		230	41	230	41
15.0	VIB2801-3	VIB3801-3		344	62	344	62

\*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:

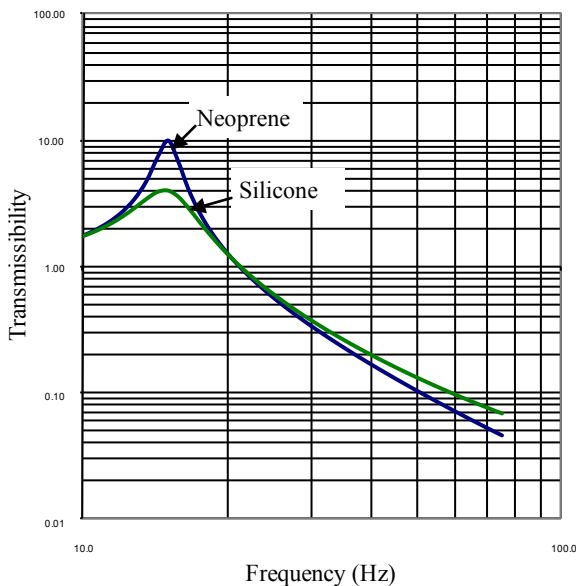
F<sub>n</sub>: Natural Frequency at actual load (Hz)

F<sub>nn</sub>: Nominal Natural Frequency (Hz)

P<sub>r</sub>: Rated load

P<sub>a</sub>: Actual load

## Transmissibility vs Frequency



## Typical Load vs. Deflection

