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

<table>
<thead>
<tr>
<th>Load Rating (lb)</th>
<th>Part No. Neoprene</th>
<th>Part No. Silicone</th>
<th>Axial Natural Frequency</th>
<th>Dynamic Axial Spring Rate</th>
<th>Dynamic Radial Spring Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Hz</td>
<td>lb/in</td>
<td>N/mm</td>
</tr>
<tr>
<td>7.0</td>
<td>VIB2801-1</td>
<td>VIB3801-1</td>
<td>15</td>
<td>160</td>
<td>29</td>
</tr>
<tr>
<td>10.0</td>
<td>VIB2801-2</td>
<td>VIB3801-2</td>
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<td>230</td>
<td>41</td>
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<td>15.0</td>
<td>VIB2801-3</td>
<td>VIB3801-3</td>
<td></td>
<td>344</td>
<td>62</td>
</tr>
</tbody>
</table>

*Fn at max rated load and .036 inch DA input
To correct for loads lower than rated load use:
F_n = F_{nn} \times 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

Typical Load vs. Deflection