



Materials:

- Metal Parts: Base Plate: Aluminum Alloy Chromate Per MIL-C-5541 Cl. 1A
- Resilient Element:
 - VHDS Silicone
 - Silicone
 - Fluorosilicone

Operating Temperature:

- VHDS Silicone & Silicone: -60°F to 300°F
- Fluorosilicone: -40°F to 300°F

Natural Frequency:

- 20+ Hz

Transmissibility:

- VHDS Silicone: 3.5 Max
- Silicone: 4.0 to 8.0

Maximum Input at Resonance:

- 0.036 in D.A.

Weight:

- 0.82 oz

Maximum Rated Load:

- 10.0 lbs

| Part Number | Max Static Load (lbs.) | Max Transmissibility | Axial Natural Frequency (Hz.) | Dynamic Axial Spring Rate | Dynamic Radial Spring Rate |
|-------------|------------------------|----------------------|-------------------------------|---------------------------|----------------------------|
| LP06-S09 | 10 | 3.5 | 24 | 407 | 384 |
| LP06-S10 | 10 | 3.5 | 24 | 494 | 450 |
| LP06-S11 | 10 | 3.5 | 24 | 581 | 528 |
| LP06-S12 | 10 | 3.5 | 26 | 681 | 619 |
| LP06-S13 | 10 | 3.5 | 28 | 798 | 725 |
| LP06-S14 | 10 | 3.5 | 30 | 932 | 847 |
| LP06-S15 | 10 | 3.5 | 32 | 1065 | 968 |
| LP06-S16 | 10 | 3.5 | 35 | 1221 | 1110 |
| LP06-S17 | 10 | 3.5 | 37 | 1405 | 1277 |
| LP06-S18 | 10 | 3.5 | 40 | 1611 | 1465 |
| LP06-S19 | 10 | 3.5 | 43 | 1844 | 1676 |
| LP06-H11 | 10 | 8.0 | 23 | 550 | 500 |
| LP06-H12 | 10 | 8.0 | 27 | 719 | 654 |
| LP06-H13 | 10 | 8.0 | 30 | 938 | 853 |
| LP06-H14 | 10 | 8.0 | 34 | 1169 | 1063 |
| LP06-H15 | 10 | 8.0 | 39 | 1563 | 1421 |

Table 1: Performance Characteristics