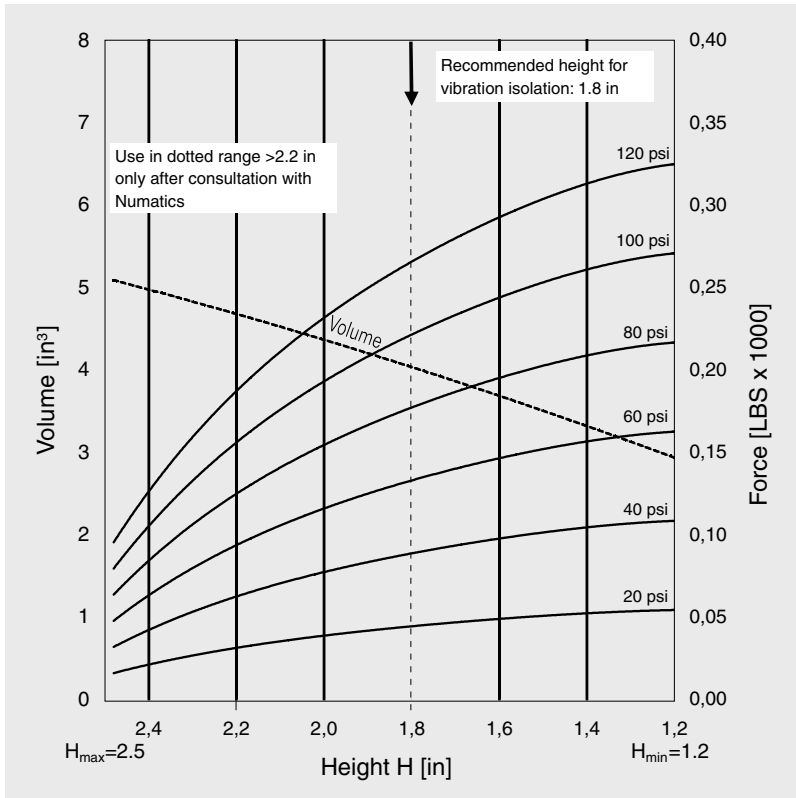


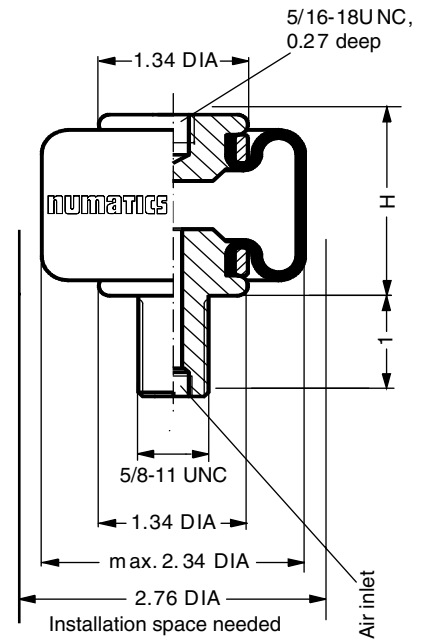


Numatics Sleeve Type Air Spring

ASNC2-1-1



Force-Height Diagram



TECHNICAL DATA

| | |
|------------------------------------|---------|
| Min. Pressure | 0 PSI |
| Return Force to Min. Height | ≤ 5 lbs |
| Overall Weight with Clamped Plates | 0.5 lbs |

Vibration Isolation – Dynamic Characteristic Values

| | | | | | | | |
|---|-----|-----|-----|-----|-----|------------------------|--|
| Design Height H: Recommended 1.8 Inch, Minimum 1.4 inch | | | | | | | |
| Pressure p (psi) | 40 | 60 | 80 | 100 | 120 | Vol (in ³) | |
| Force (Load) (lbs) | 88 | 132 | 176 | 220 | 264 | | |
| Spring Rate (lbs/in) | 110 | 154 | 195 | 231 | 272 | 4.0 | |
| Natural Frequency (Hz) | 3.5 | 3.4 | 3.3 | 3.2 | 3.2 | | |

Pneumatic Application – Static Characteristic Values

| | | | | | | | |
|------------------|-----|----|-----|-----|-----|-----|------------------------|
| Force F (lbs) | | | | | | | |
| Pressure p (psi) | 20 | 40 | 60 | 80 | 100 | 120 | Vol (in ³) |
| Height H (in) | 2.2 | 31 | 62 | 92 | 123 | 154 | 185 |
| | 1.8 | 44 | 88 | 132 | 176 | 220 | 264 |
| | 1.4 | 52 | 104 | 156 | 208 | 260 | 312 |
| | | | | | | | 3.3 |

ORDER DATA

| Type | Model Number |
|-------------------------|--------------|
| With 1/8 NPTF Air Inlet | ASNC2-1-1 |

Additional types on request.

Installation Instruction –
 5/16-18 UNC = 2-4 LBxFT
 5/8-11 UNC = 8-10 LBxFT
 1/8 NPTF = Handtight plus one turn.