

SPECIFICATIONS: 25mm x 50mm #S122501

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| Input Pressure | .41 MPa (60psi) |
| Ideal Load N (lbs) | 187 (42) |
| Stiffness N/micron (lbs/u in)¹ | 22 (0.13) |
| Flow NLPM (SCFH)¹ | 0.9 (2.0) |
| Fly Height¹ | 5 microns |
| Bearing Size | 25mm x 50mm |
| Bearing Height mm (in) | 17 (0.67) |
| Bearing Weight grams (oz.) | 48 (1.7) |
| Housing Material/Finish | Aluminum/Anodized |
| Porous Media Material | Carbon |
| Bearing Face Surface Size - Carbon mm (in) | 23.06 x 48.08 (0.91 x 1.90) |
| Flatness mm (in) | 0.0005 (0.00002) |
| Ball Socket Size | 6mm |
| Pressure Port Thread | M3 x 0.5 |
| Viable Pressure Range | .414-.552MPa (60psi - 80psi) |
| Maximum Allowable Pressure Supply | .689 MPa (100psi) |
| Resolution³ | Infinite |
| Maximum Speed⁴ | 50m/sec |
| Common Guide Surfaces | Granite, hard-coated aluminum, ceramics, glass, stainless steel, plated steel |
| Suggested Guide Surface Finish⁵ | 16 RMS |