

SPECIFICATIONS: 75mm x 150mm #S127501

Input Pressure	.41 MPa (60psi)
Ideal Load N (lbs)	2580 (580)
Stiffness N/micron (lbs/u in)¹	324 (1.85)
Flow NLPM (SCFH)¹	1.6 (3.5)
Fly Height¹	5 microns
Bearing Size	75mm x 150mm
Bearing Height mm (in)	50 (1.97)
Bearing Weight grams (oz.)	1411 (49.8)
Housing Material/Finish	Aluminum/Anodized
Porous Media Material	Carbon
Bearing Face Surface Size - Carbon mm (in)	71.70 x 146.71 (2.82 x 5.78)
Flatness mm (in)	0.0005 (0.00002)
Ball Socket Size	25mm
Pressure Port Thread	M5 x 0.8
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