

SPECIFICATIONS: 65mm #S106501

Input Pressure	.41 MPa (60psi)
Ideal Load N (lbs)	666 (150)
Stiffness N/micron (lbs/u in)¹	87 (0.50)
Flow NLPM (SCFH)¹	1.4 (2.9)
Fly Height¹	5 microns
Bearing Size	65mm
Bearing Height mm (in)	20 (0.79)
Bearing Weight grams (oz.)	151 (5.3)
Housing Material/Finish	Aluminum/Anodized
Porous Media Material	Carbon
Bearing Face Surface Size - Carbon mm (in)	63 (2.48) ϕ
Flatness mm (in)	0.0005 (0.00002)
Ball Socket Size	13mm
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