

## SPECIFICATIONS: 65mm #S106501

<b>Input Pressure</b>	.41 MPa (60psi)
<b>Ideal Load N (lbs)</b>	666 (150)
<b>Stiffness</b> N/micron (lbs/u in) <sup>1</sup>	87 (0.50)
<b>Flow</b> NLPM (SCFH) <sup>1</sup>	1.4 (2.9)
<b>Fly Height<sup>1</sup></b>	5 microns
<b>Bearing Size</b>	65mm
<b>Bearing Height</b> mm (in)	20 (0.79)
<b>Bearing Weight</b> grams (oz.)	151 (5.3)
<b>Housing Material/Finish</b>	Aluminum/Anodized
<b>Porous Media Material</b>	Carbon
<b>Bearing Face Surface Size - Carbon</b> mm (in)	63 (2.48) $\phi$
<b>Flatness</b> mm (in)	0.0005 (0.00002)
<b>Ball Socket Size</b>	13mm
<b>Pressure Port Thread</b>	M5 X 0.8
<b>Viable Pressure Range</b>	.414-.552MPa (60psi - 80psi)
<b>Maximum Allowable Pressure Supply</b>	.689 MPa (100psi)
<b>Resolution<sup>3</sup></b>	Infinite
<b>Maximum Speed<sup>4</sup></b>	50m/sec
<b>Common Guide Surfaces</b>	Granite, hard-coated aluminum, ceramics, glass, stainless steel, plated steel
<b>Suggested Guide Surface Finish<sup>5</sup></b>	16 RMS