

SPECIFICATIONS: 100mm x 200mm #S1210001

Input Pressure	.41 MPa (60psi)
Ideal Load N (lbs)	4893 (1100)
Stiffness N/micron (lbs/u in)¹	665 (3.77)
Flow NLPM (SCFH)¹	1.8 (4.0)
Fly Height¹	5 microns
Bearing Size	100mm x 200mm
Bearing Height mm (in)	70 (2.76)
Bearing Weight grams (oz.)	3628 (128.0)
Housing Material/Finish	Aluminum/Anodized
Porous Media Material	Carbon
Bearing Face Surface Size - Carbon mm (in)	96.88 x 196.88 (3.81 x 7.76)
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