

## AIR BUSHING—METRIC

13mm Inside Diameter

SPECIFICATIONS: 13mm #S301301	
Input Pressure	.41 MPa (60psi)
Radial Load Max n (lbs)	44 (10)
Radial Stiffness n/μm (lbs/μ in)	11 (0.06)
Pitch Moment Max n-m (lbs-in)	0.8 (7.5)
Pitch Stiffness n-m/mil rad (lbs-in/mil rad)	2.1 (19.0)
Flowrate on Shaft NLPM (SCFH)	2.2 - 3.1 (4.75 - 6.60)
Air Gap (at recommended load)	4 microns
Bushing Inside Diameter - ID mm	13
Bushing Outside Diameter - OD mm (in)	24 (0.9)
Bushing Length mm (in)	50 (2.0)
Bushing Weight grams (oz.)	33 (1.1)
Housing Material/Finish	Aluminum/Anodized
Porous Media Material	Carbon
Recommended Shaft Outside Diameter - OD mm	13.0000
Recommended Shaft Tolerance	+0.0000mm -0.0076mm
Pressure Port Threads	M3 x 0.5
Viable Pressure Range	.414-.552MPa (60psi - 80psi)
Maximum Allowable Pressure Supply	.689 MPa (100psi)
Resolution	Infinite
Maximum Speed	50m/sec
Common Shaft Materials	Anodized aluminum, stainless steel, nickel plated steel, ceramics, glass