

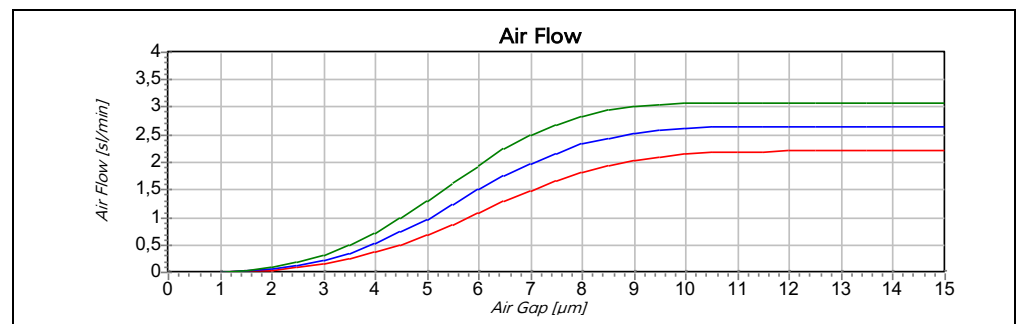
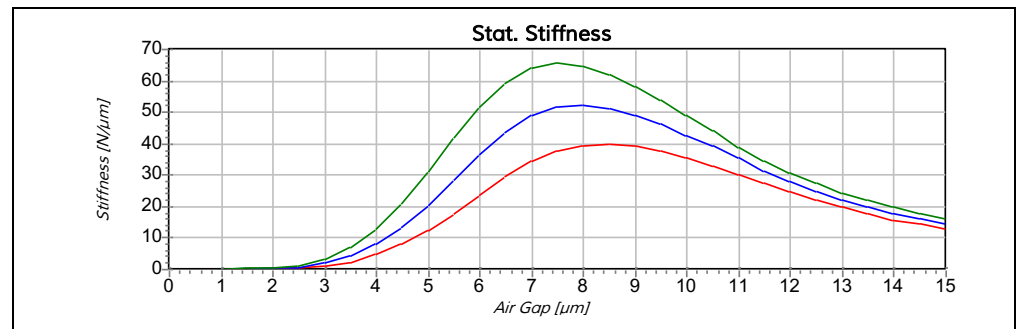
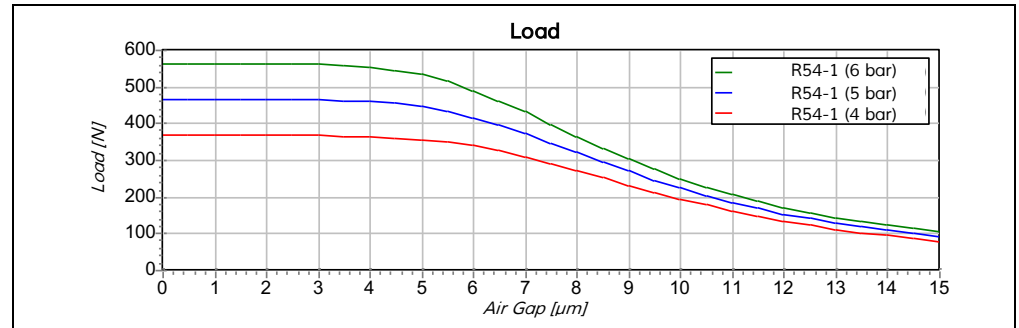
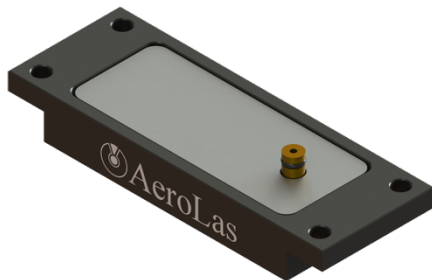
R54 Flat, Rectangular Air Bearing – high dynamic

Technical Details:

Length Bearing Surface	54 mm
Width Bearing Surface	25 mm
Weight (without joint)	33 g
Required Surface Finish (counterface)	Ra 0.2
Required Flatness (counterface)	2 μm 54 mm x 25 mm
Air pressure	max. 9 bar

Air Bearing properties at:	4 bar	5 bar	6 bar
Ideal Load [N]	210	270	330
Maximum Load [N]	340	430	530
Static Stiffness [N/ μm] ¹	37	50	62
Air Gap [μm] ¹	9.5	9.0	8.5
Max. Air Flow	2.2	2.6	3.1

¹ For ideal load



Connection Specific Details:

Connection	–
Weight (total)	33 g
Material (connection)	–

Configurational Details:

Material / Finish Air Bearing	Aluminum / Hard Anodized
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Order No.:	R54-1
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