

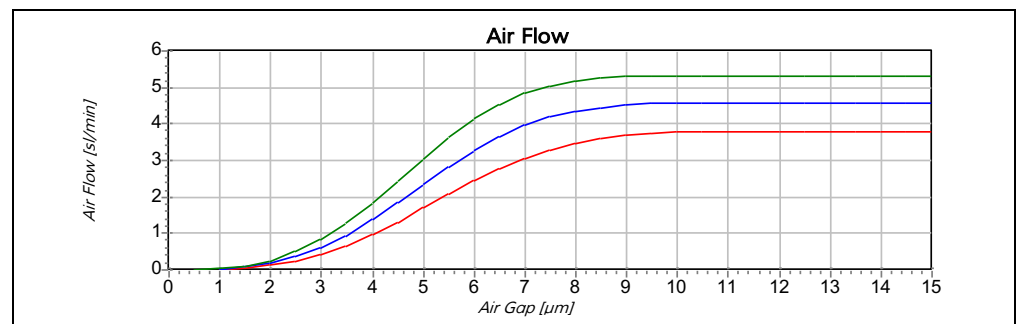
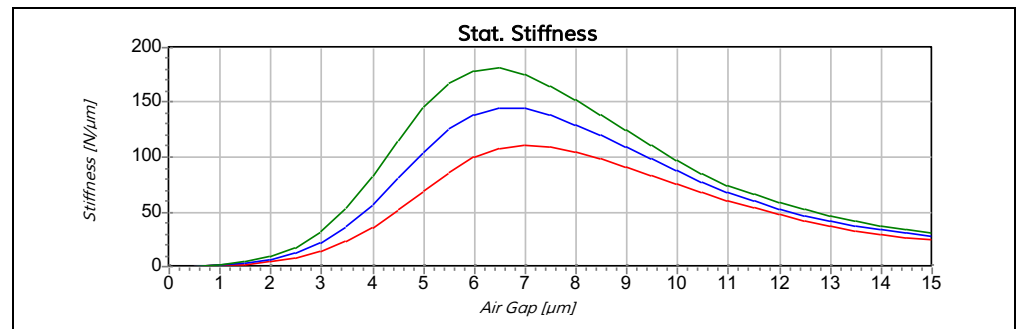
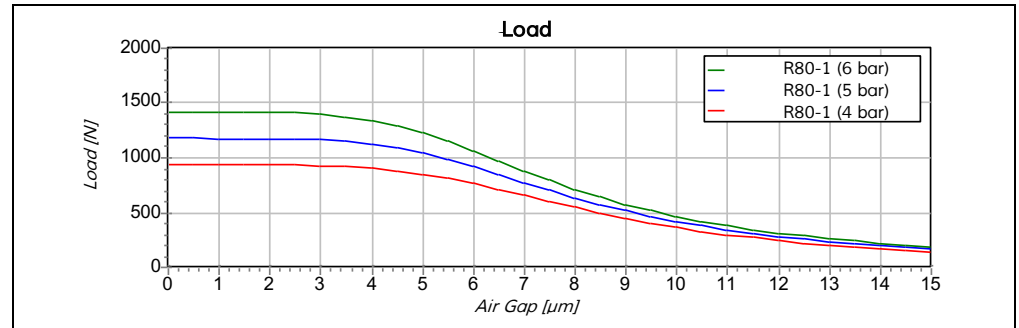
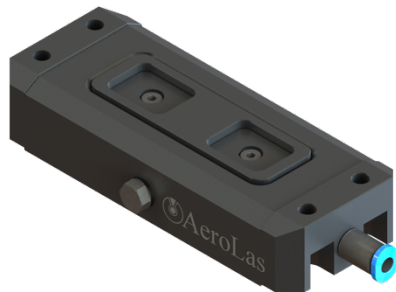
R80 Flat, Rectangular Air Bearing – high dynamic

Technical Details:

Length Bearing Surface	80 mm
Width Bearing Surface	40 mm
Weight (without joint)	160 g
Required Surface Finish (counterface)	Ra 0.2
Required Flatness (counterface)	2 μm 80 mm x 40 mm
Air pressure	max. 9 bar

Air Bearing properties at:	4 bar	5 bar	6 bar
Ideal Load [N]	490	620	750
Maximum Load [N]	750	960	1,160
Static Stiffness [N/ μm] ¹	90	120	150
Air Gap [μm] ¹	9.0	8.5	8.0
Max. Air Flow	3.9	4.6	5.4

¹ For ideal load



Connection Specific Details:

Connection	Fix
Weight (total)	160 g
Material (connection)	–

Configurational Details:

Material / Finish Air Bearing	Aluminum / Hard Anodized
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Order No.:	R80-1
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