

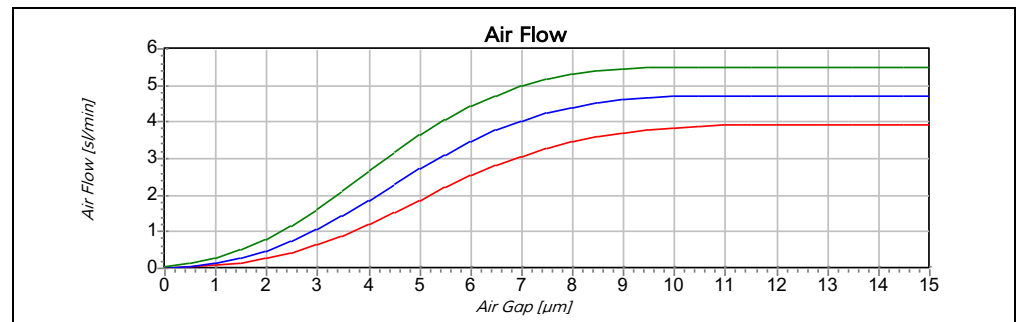
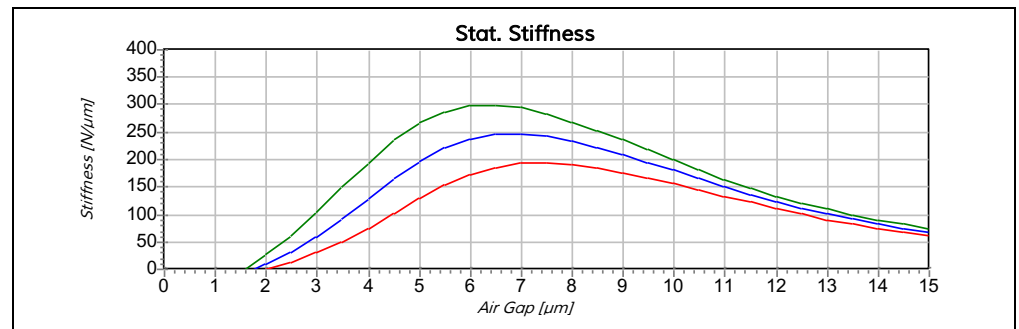
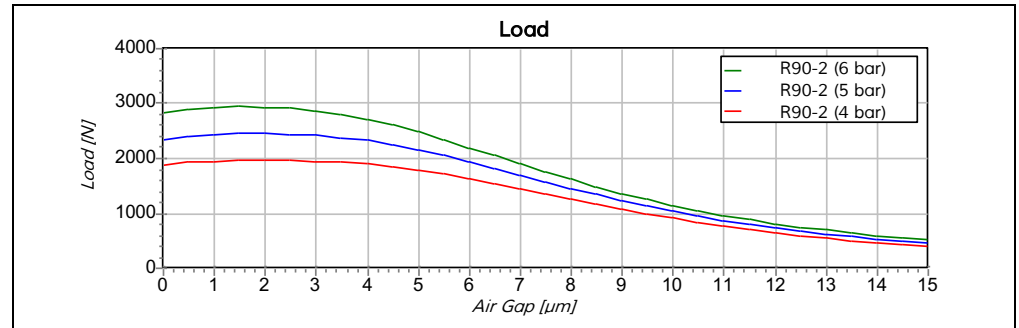
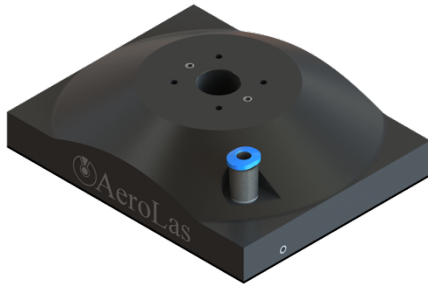
R90 Flat, Rectangular Air Bearing – high dynamic

Tecnical Details:

Length Bearing Surface	90 mm
Width Bearing Surface	71 mm
Weight (without joint)	325 g
Required Surface Finish (counterface)	Ra 0.2
Required Flatness (counterface)	2 μm 90 mm x 71 mm
Air pressure	max. 9 bar

Air Bearing properties at:	4 bar	5 bar	6 bar
Ideal Load [N]	900	1,100	1,300
Maximum Load [N]	1,600	2,000	2,400
Static Stiffness [N/ μm] ¹	150	180	230
Air Gap [μm] ¹	10.0	9.5	9.0
Max. Air Flow	4.0	4.8	5.6

¹ For ideal load



Connection Specific Details:

Connection	Stiff Joint - Fix
Weight (total)	365 g
Material (connection)	Stainless Steel

Configurational Details:

Material / Finish Air Bearing	Aluminum / Anodized
Material Face Surface	Epoxy Glide Coating
Order No.:	R90-2 / 149

