

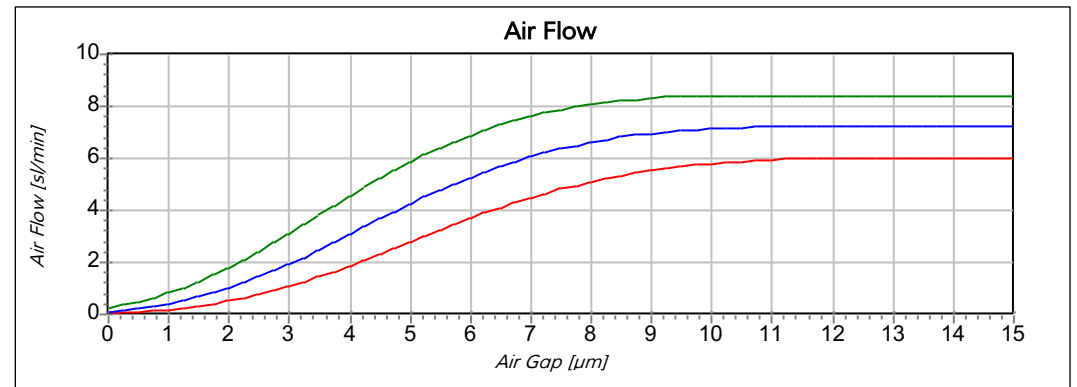
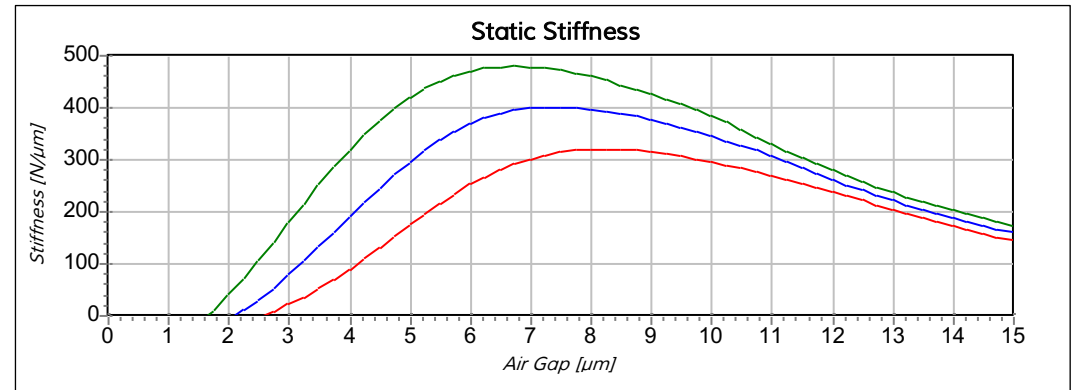
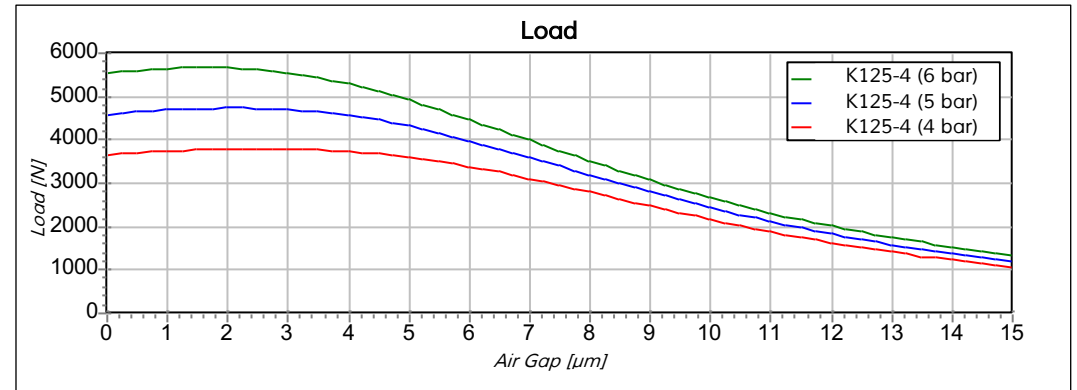
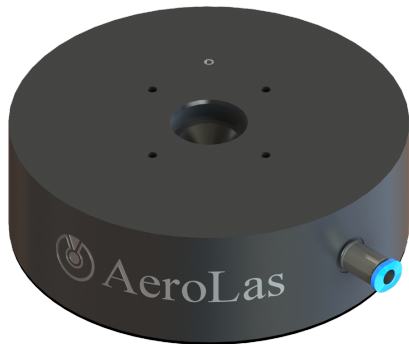
K125 Flat Round Air Bearing – high dynamic

Technical Details:

Diameter	125 mm
Weight (bearing body)	1,322 g
Required Surface Finish (counterface)	Ra 0.2
Required Flatness (counterface)	2 μm 125 mm x 125 mm
Air Pressure	max. 9 bar

Air Bearing properties at:	4 bar	5 bar	6 bar
Ideal Load [N]	2,100	2,800	3,500
Maximum Load [N]	3,000	3,750	4,500
Static Stiffness [N/ μm] ¹	290	370	450
Air Gap [μm] ¹	10.0	9.0	8.0
Max. Air Flow [sl/min]	6.0	7.2	8.4

¹For Ideal Load



Connection Specific Details:

Connection	Stiff Joint
Weight (total)	1,432 g
Material (connection)	Stainless Steel

Configurational Details:

Material / Finish Air Bearing	Aluminium / Anodized
Material Face Surface	Epoxy Glide Coating
<u>Order No.:</u>	K125-4 / 156

