

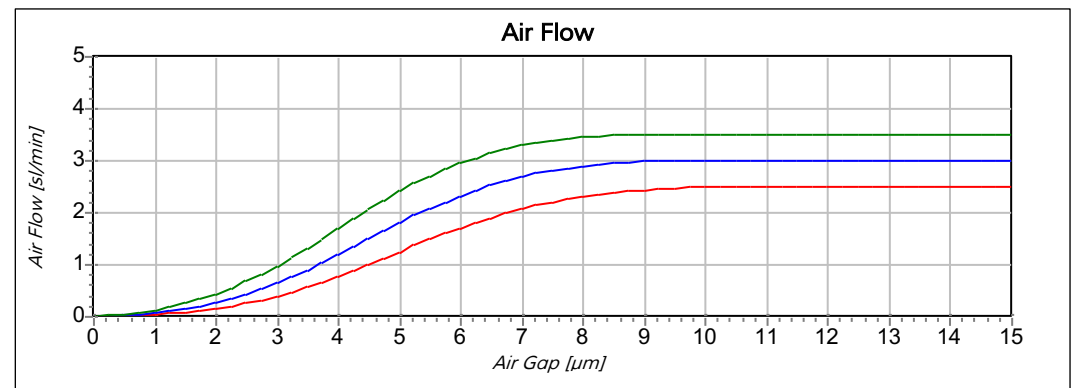
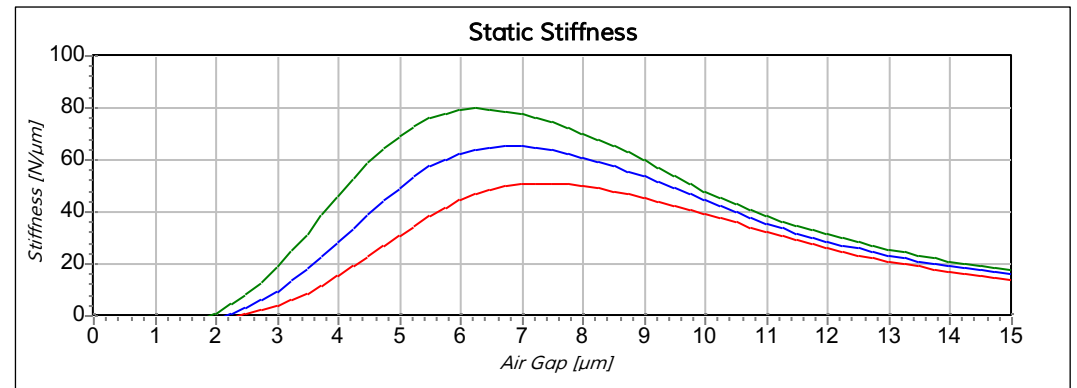
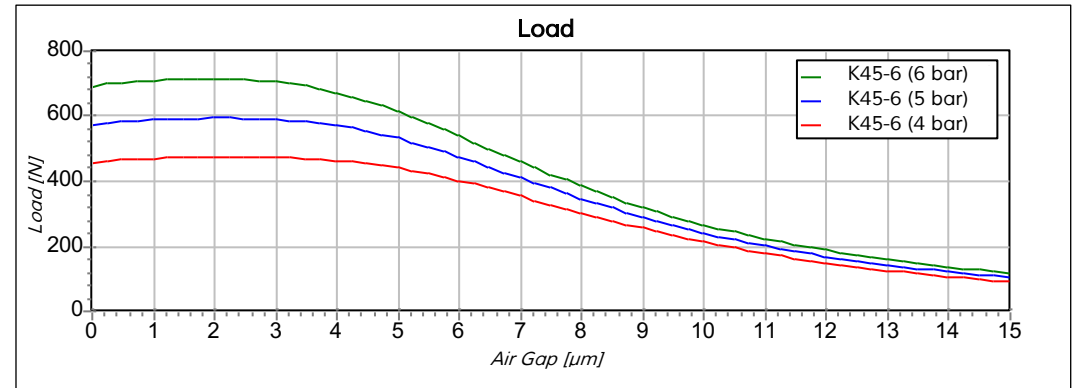
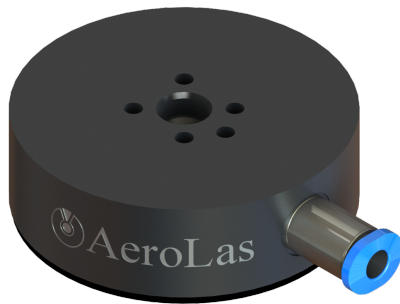
K45 Flat Round Air Bearing – high dynamic

Technical Details:

Diameter	45 mm
Weight (bearing body)	59 g
Required Surface Finish (counterface)	Ra 0,2
Required Flatness (counterface)	2 μm 45 mm x 45 mm
Air Pressure	max. 9 bar

Air Bearing properties at:	4 bar	5 bar	6 bar
Ideal Load [N]	210	290	380
Maximum Load [N]	370	470	570
Static Stiffness [N/ μm] ¹	40	55	70
Air Gap [μm] ¹	10,0	9,0	8,0
Max. Air Flow [sl/min]	2,5	3,0	3,5

¹For Ideal Load



Connection Specific Details:

Connection	Stiff Joint
Weight (total)	89 g
Material (connection)	Stainless Steel

Configurational Details:

Material / Finish Air Bearing	Aluminium / Anodized
Material Face Surface	Epoxy Glide Coating
<u>Order No.:</u>	K45-6 / 126

