

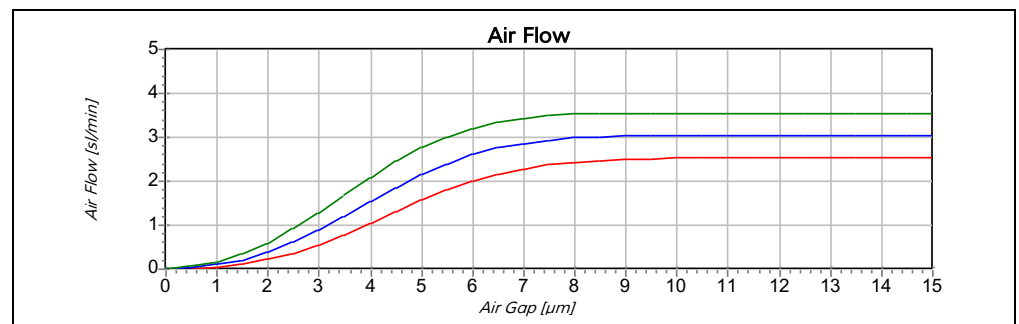
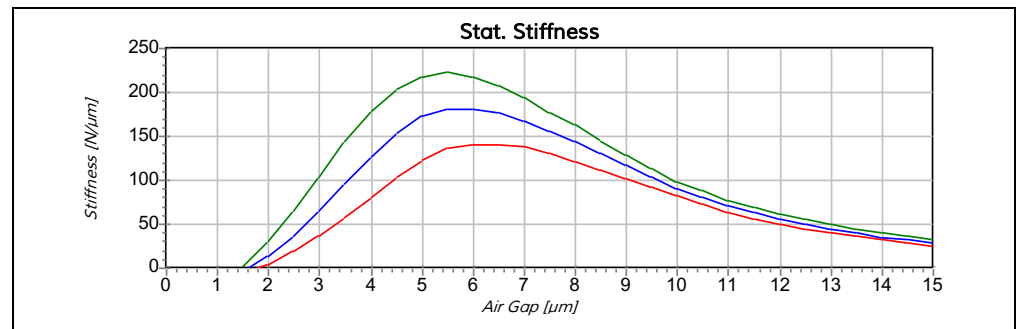
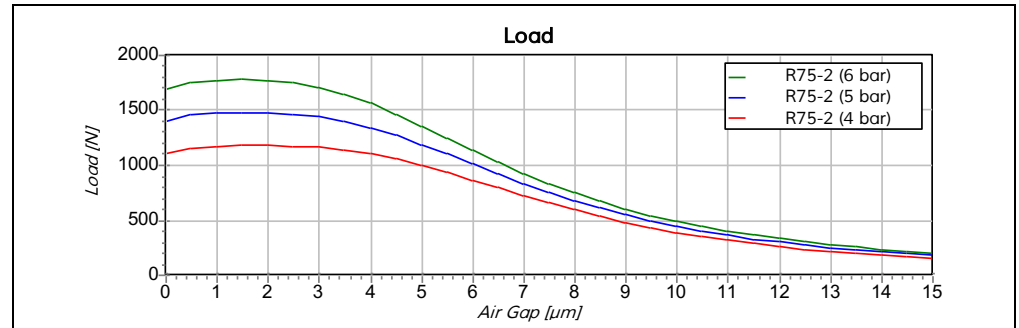
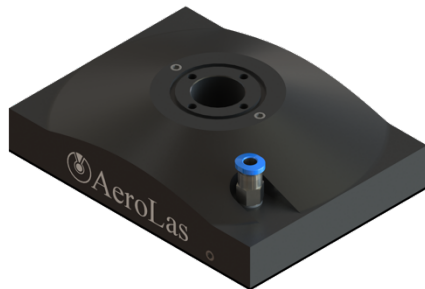
R75 Flat, Rectangular Air Bearing – high dynamic

Technical Details:

| | |
|---------------------------------------|---------------------------------|
| Length Bearing Surface | 75 mm |
| Width Bearing Surface | 55 mm |
| Weight (without joint) | 160 g |
| Required Surface Finish (counterface) | Ra 0.2 |
| Required Flatness (counterface) | 2 μm 75 mm x 55 mm |
| Air pressure | max. 9 bar |

| Air Bearing properties at: | 4 bar | 5 bar | 6 bar |
|---|-------|-------|-------|
| Ideal Load [N] | 500 | 600 | 750 |
| Maximum Load [N] | 900 | 1.200 | 1.500 |
| Static Stiffness [N/ μm] ¹ | 100 | 130 | 170 |
| Air Gap [μm] ¹ | 9.0 | 8.5 | 8.0 |
| Max. Air Flow | 2.4 | 3.0 | 3.6 |

¹ For ideal load



Connection Specific Details:

| | |
|-----------------------|-------------------|
| Connection | Stiff Joint - Fix |
| Weight (total) | 200 g |
| Material (connection) | Stainless Steel |

Configurational Details:

| | |
|-------------------------------|---------------------|
| Material / Finish Air Bearing | Aluminum / Anodized |
| Material Face Surface | Epoxy Glide Coating |
| Order No.: | R75-2 / 120 |

