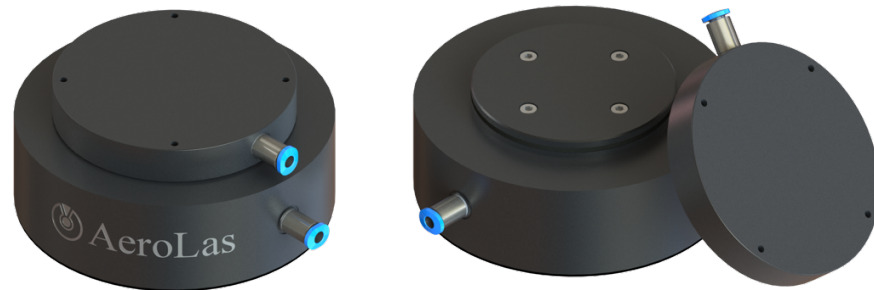
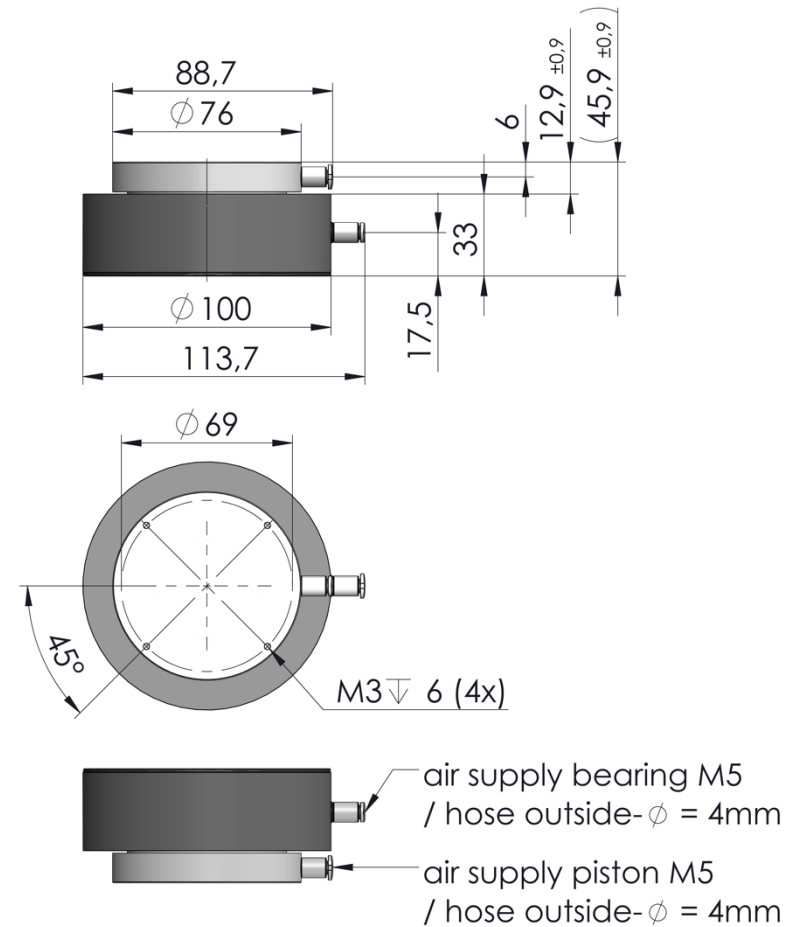


K100 Flat Round Air Bearing with piston preload

Technical Details Piston Bearing:

Diameter	100 mm
Air Gap	9.0 μm
Stroke Piston	± 0.9 mm
Air Flow ¹	4.8 sl/min
Weight (with piston)	818 g
Preload Force (@ $p_{\text{Piston}} = 5.0$ bar)	1,562 N
Relative Preload Force ²	312.5 N/bar
Air Pressure Piston ¹	max. 7.6 bar
Material / Finish Air Bearing	Aluminum / Anodized
Material Face Surface	Epoxy Glide Coating
Order No.:	K100-5 / 125



¹ Specifications at an operating pressure of the air bearing of 5.0 bar.

² The pressure of the piston and consequently the preload can be adjusted independently of the supply pressure of the air bearing.