

AL-100-HD

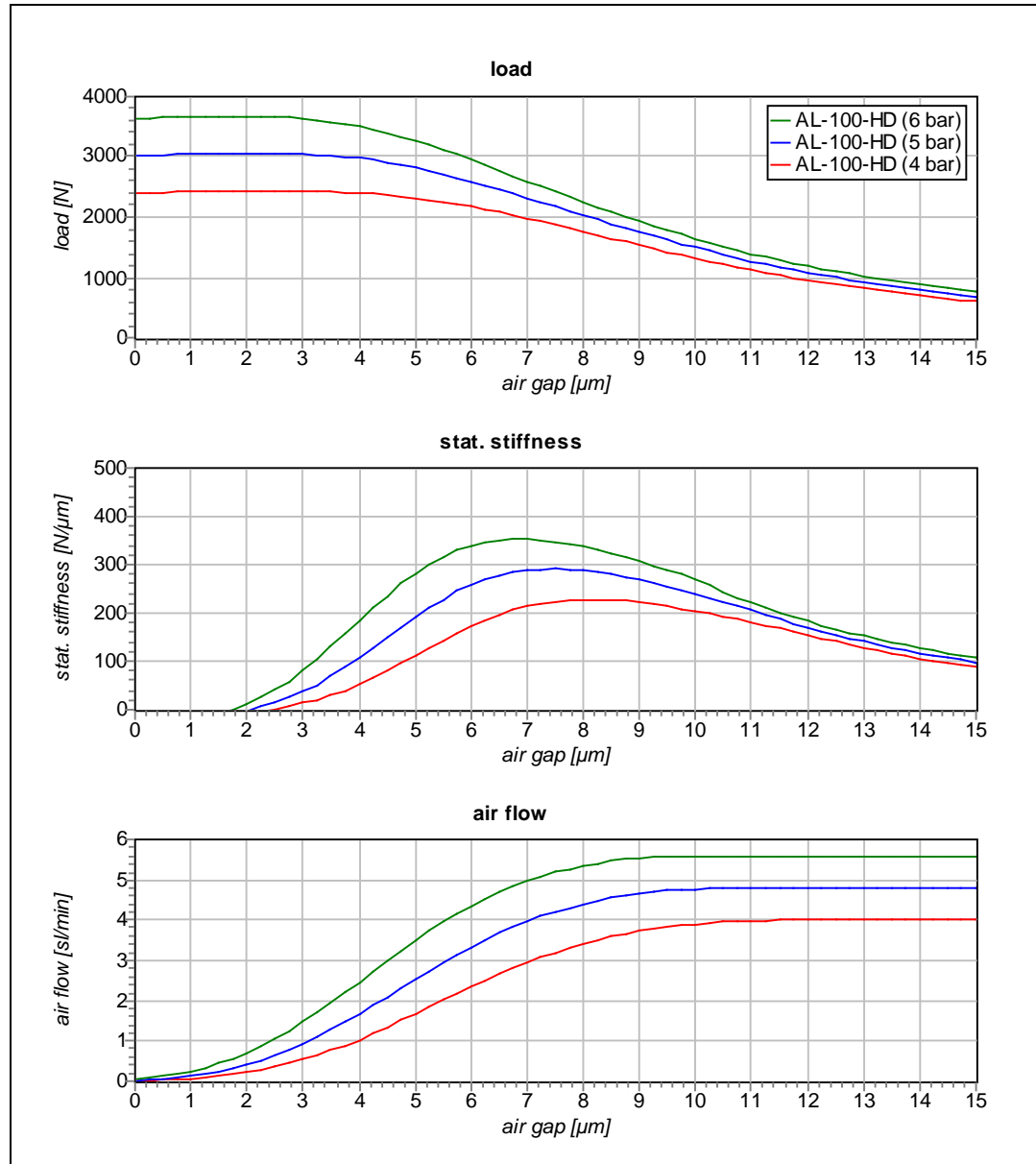


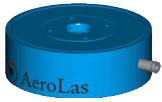
air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 1900 N	2400 N	2900 N
recommended preload	→ 1300 N	1750 N	2200 N
gap ¹	→ 10 μm	9 μm	8 μm
static stiffness ¹	→ 200 N/μm	260 N/μm	320 N/μm
max. static stiffness	→ 230 N/μm	290 N/μm	350 N/μm
tilt stiffness ^{1,2}	→ 1.7 Nm/μm	2.35 Nm/μm	3.0 Nm/μm
unrestricted airflow	→ 4 sl/min	4.8 sl/min	5.6 sl/min

specification	
weight	→ 590 g
guiding surface	→ Ra 0.2
air quality	→ attachment
air pressure	→ max. 9 bar
accessories	→ bolt AL-100+B joint AL-100+G piston AL-100+K

¹ at recommended load
² measured at the edge of the bearing

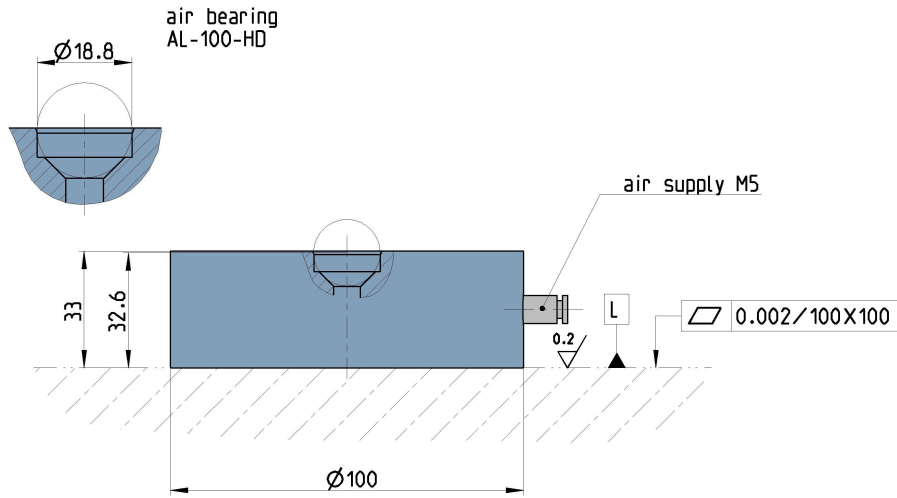
application
high dynamic





AL-100-HD

options



L= sliding surface

