

AL-125-HD

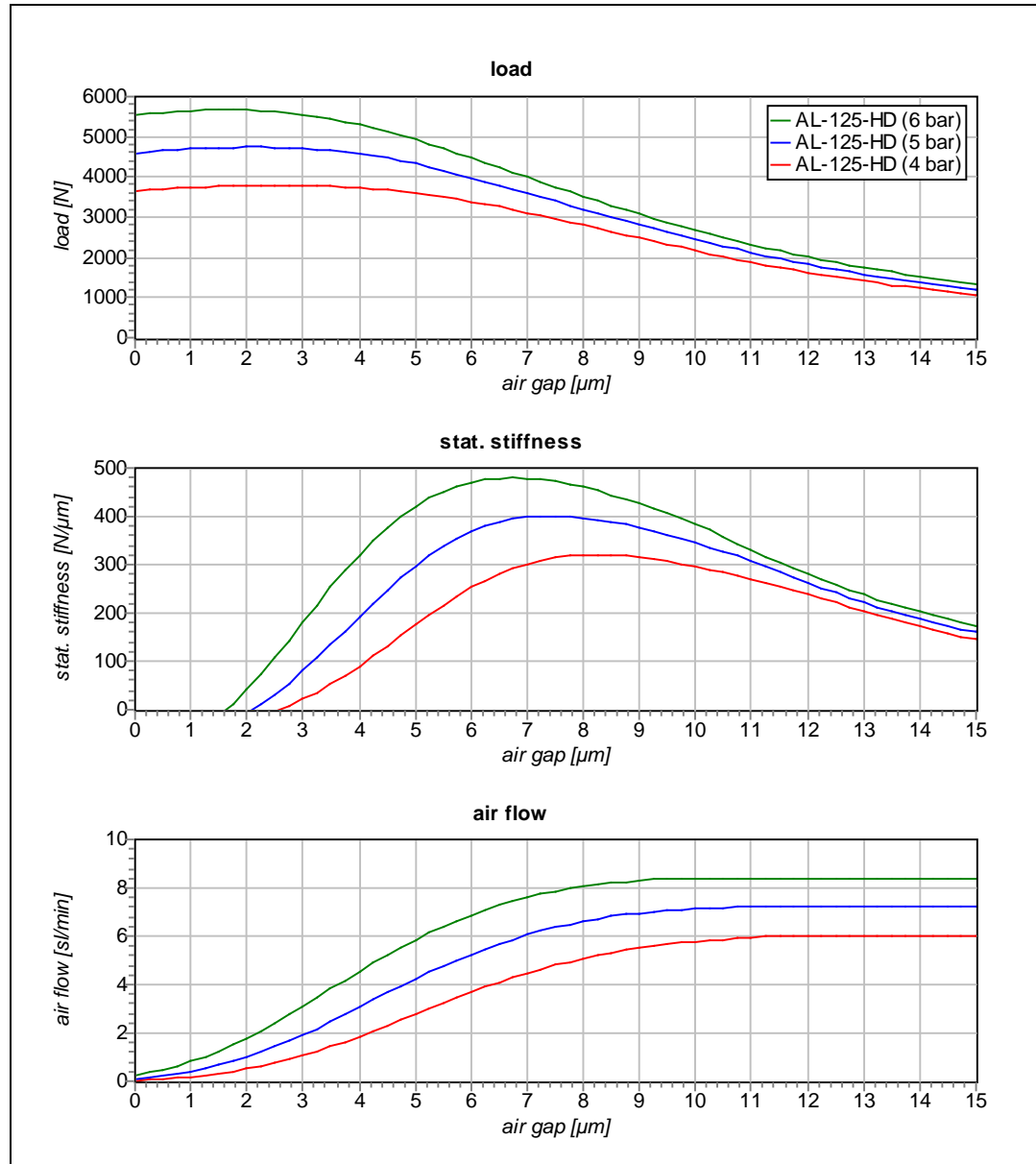


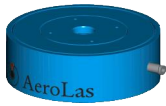
air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 3000 N	3750 N	4500 N
recommended preload	→ 2100 N	2800 N	3500 N
gap ¹	→ 10 μm	9 μm	8 μm
static stiffness ¹	→ 290 N/μm	370 N/μm	450 N/μm
max. static stiffness	→ 320 N/μm	400 N/μm	480 N/μm
tilt stiffness ^{1,2}	→ 3.3 Nm/μm	4.6 Nm/μm	5.9 Nm/μm
unrestricted airflow	→ 6.0 sl/min	7.2 sl/min	8.4 sl/min

specification	
weight	→ 1200 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

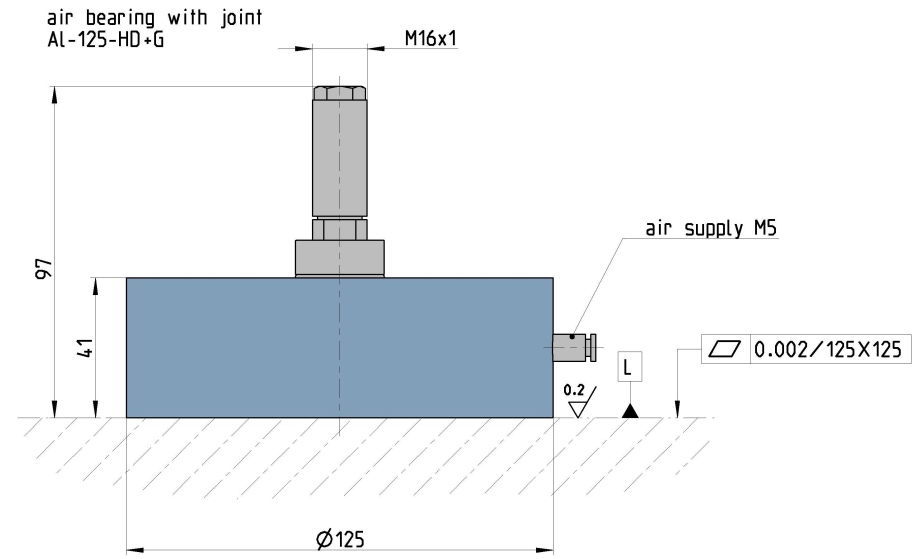
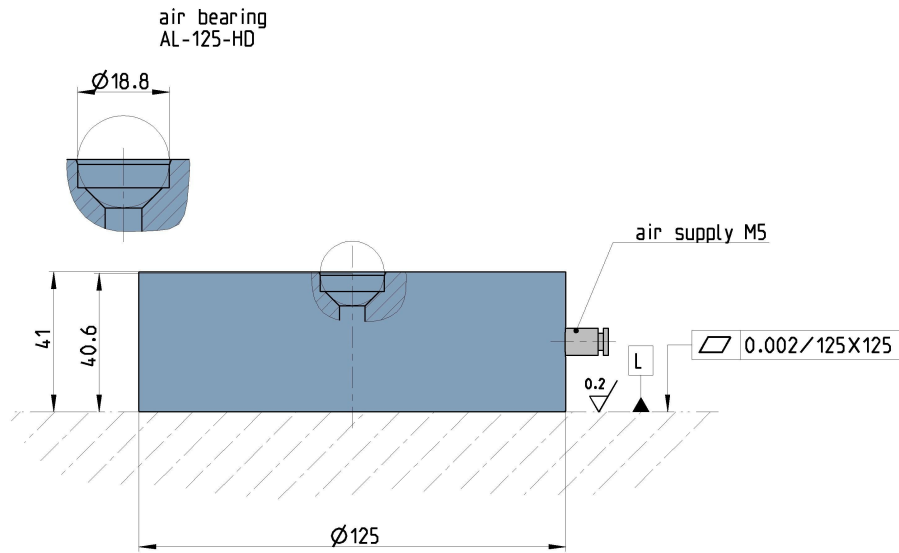
¹ at recommended load
² measured at the edge of the bearing

application
high dynamic





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L= sliding surface

