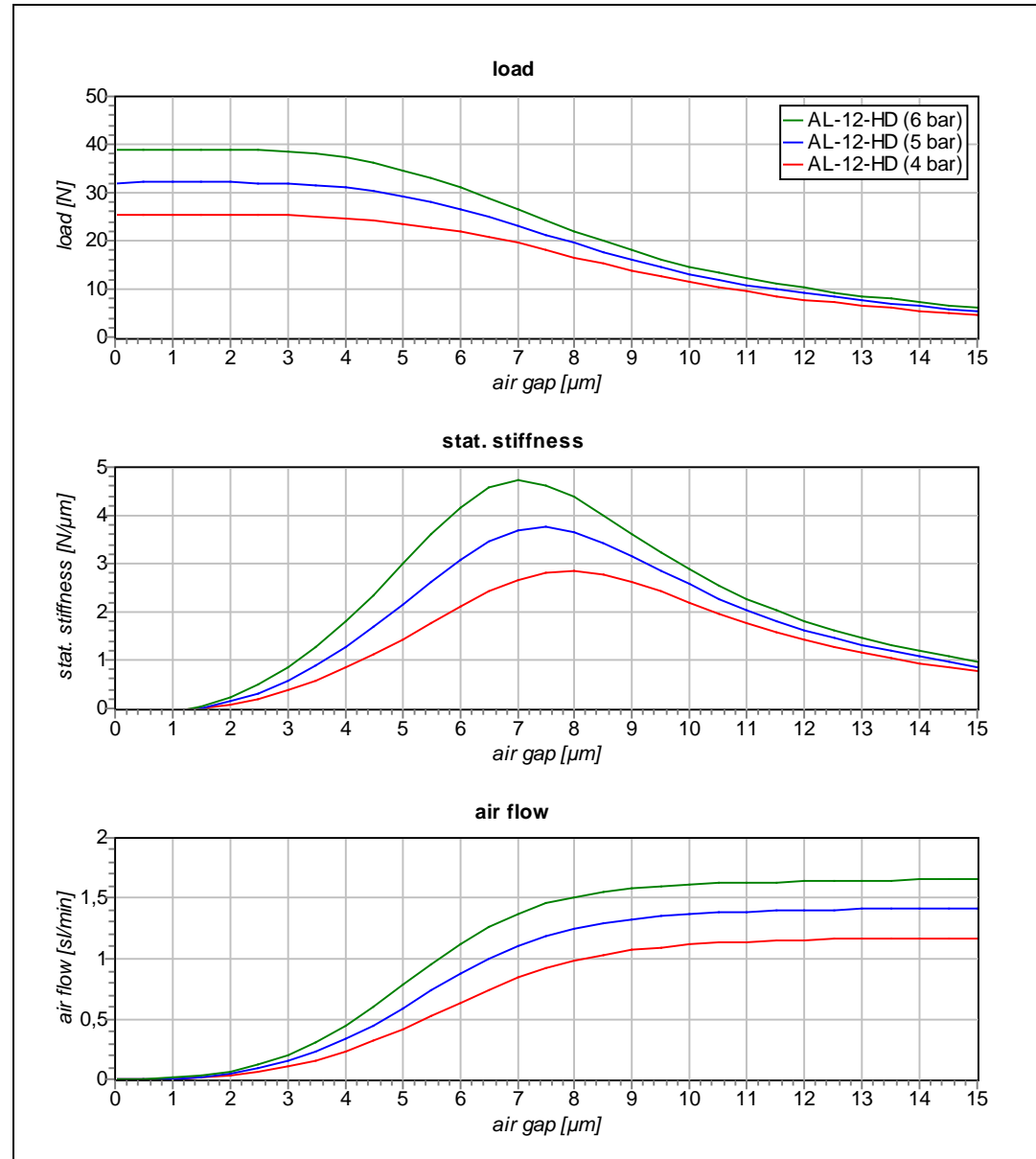




AL-12-HD



air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 20 N	25 N	30 N
recommended preload	→ 14 N	17 N	22 N
gap ¹	→ 9 μm	8.5 μm	8 μm
static stiffness ¹	→ 2.5 N/μm	3.5 N/μm	4.2 N/μm
max. static stiffness	→ 2.9 N/μm	3.8 N/μm	4.6 N/μm
tilt stiffness ^{1,2}	→ 2 Nmm/μm	3.5 Nmm/μm	5 Nmm/μm
unrestricted airflow	→ 1.2 sl/min	1.4 sl/min	1.7 sl/min
specification			
weight	→ 1 g		
guiding surface	→ Ra 0.2		
air quality	→ attachment		
air pressure	→ max. 9 bar		
accessories	→		
¹ at recommended load ² measured at the edge of the bearing			
application			
high dynamic			





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