



AL-54-25-HD+F

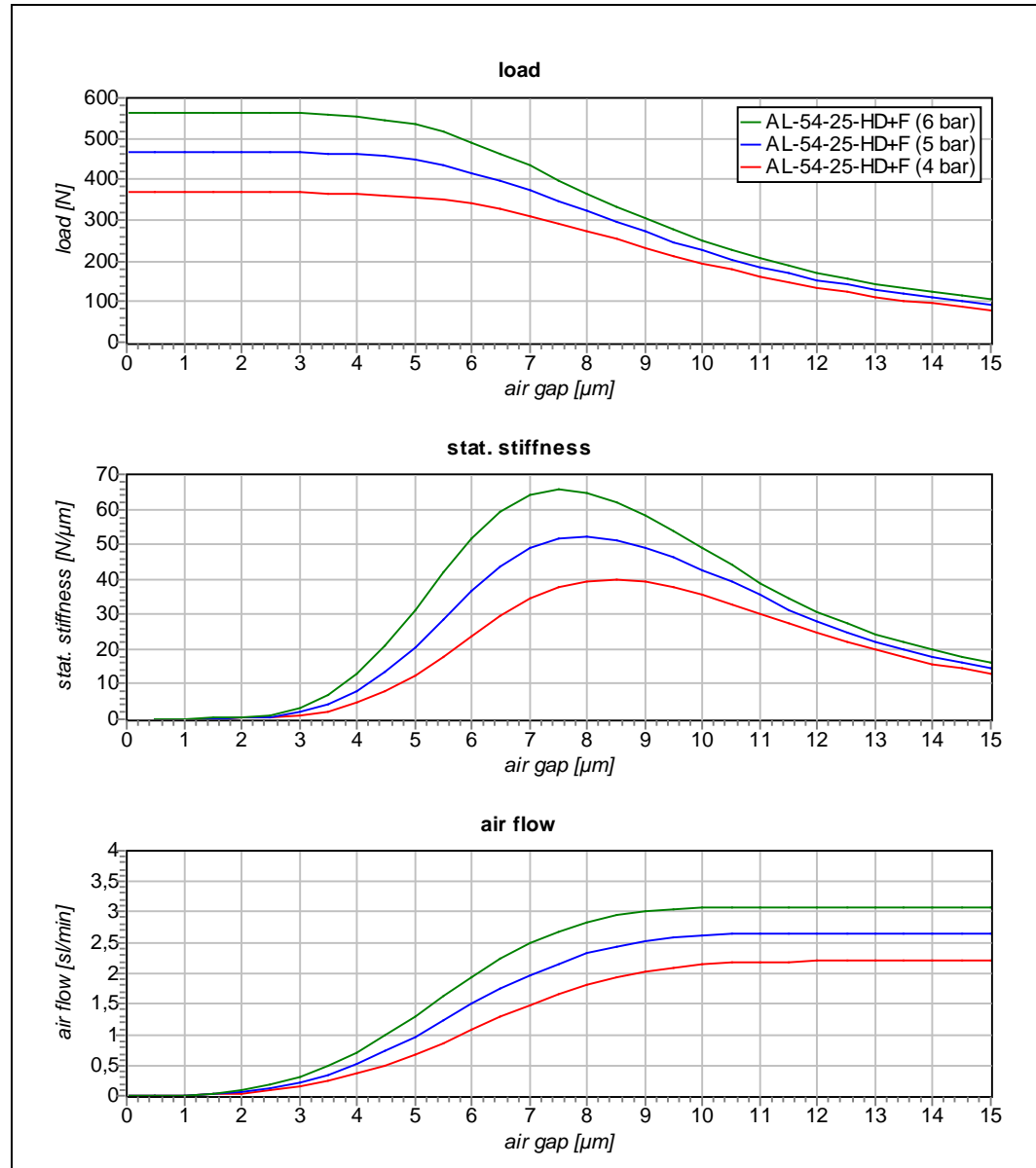


air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 340 N	430 N	530 N
recommended preload	→ 210 N	270 N	330 N
gap ¹	→ 9,5 μm	9,0 μm	8,5 μm
static stiffness ¹	→ 37 N/μm	50 N/μm	62 N/μm
max. static stiffness	→ 40 N/μm	52 N/μm	66 N/μm
tilt stiffness ^{1,2}	→		
unrestricted airflow	→ 2.2 sl/min	2.6 sl/min	3.1 sl/min

specification	
weight	→ 31 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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