



# AL-110-55-HD+F



air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 1450 N	1820 N	2200 N
recommended preload	→ 990 N	1260 N	1560 N
gap <sup>1</sup>	→ 9.5 μm	9 μm	8.5 μm
static stiffness <sup>1</sup>	→ 190 N/μm	250 N/μm	315 N/μm
max. static stiffness	→ 220 N/μm	285 N/μm	350 N/μm
tilt stiffness <sup>1,2</sup>	→ -	-	-
unrestricted airflow	→ 4.1 sl/min	5.0 sl/min	5.8 sl/min

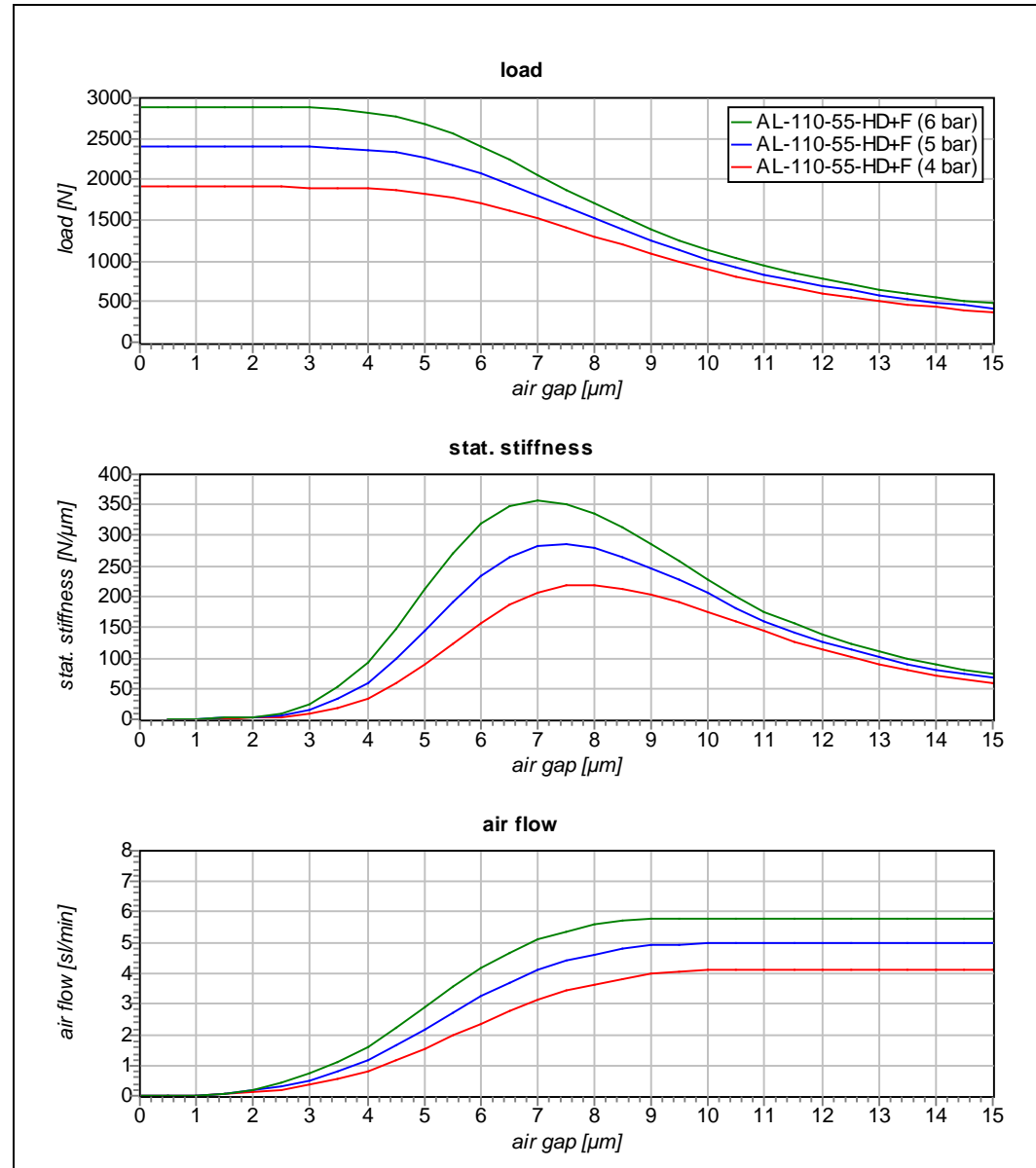
## specification

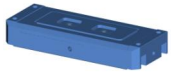
weight	→ 310 g
guiding surface	→ Ra 0.2
air quality	→ attachment
air pressure	→ max. 9 bar
accessories	→

<sup>1</sup> at recommended load  
<sup>2</sup> measured at the edge of the bearing

## application

high dynamic





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