



# AL-110-55-HD+B



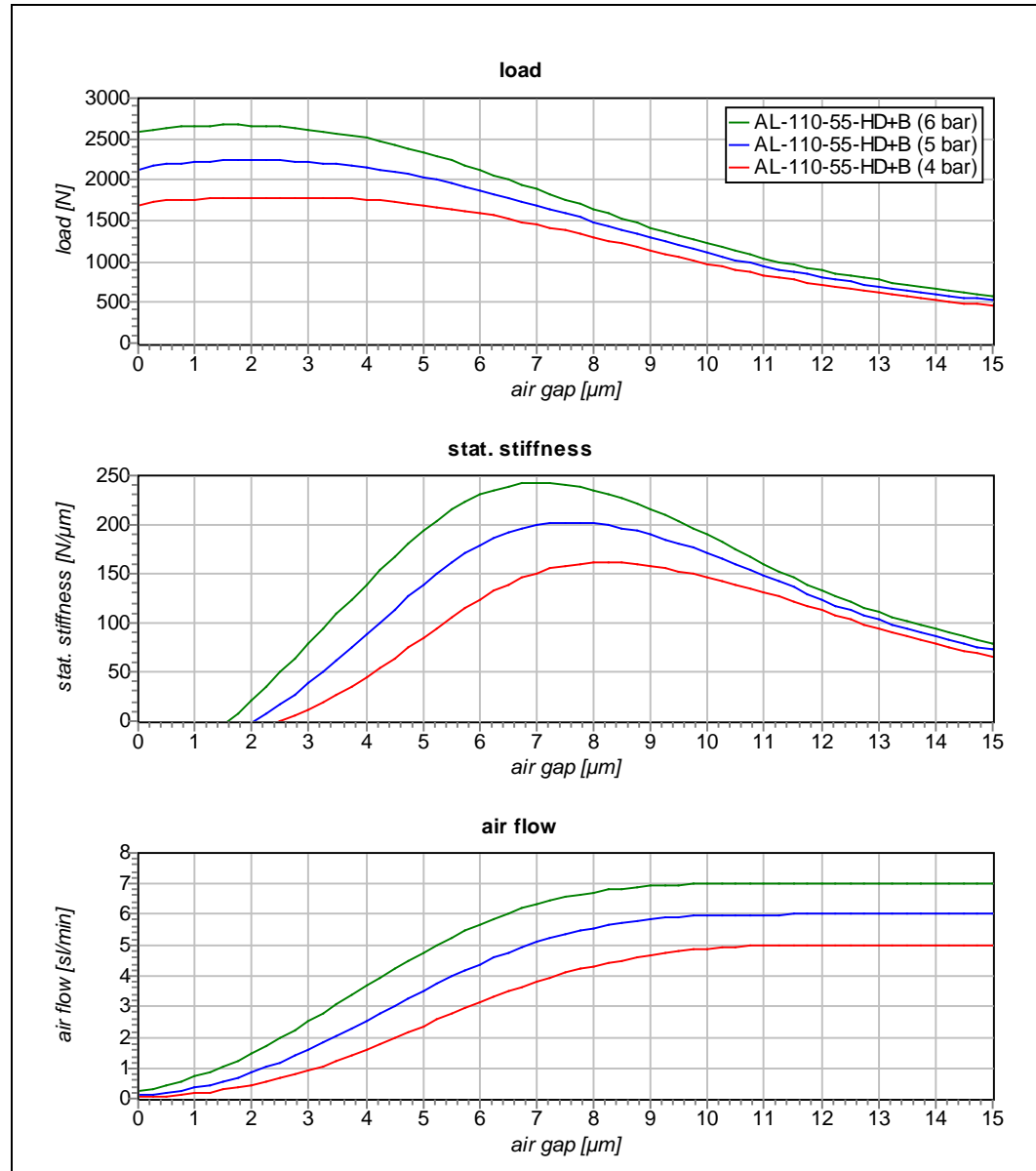
air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 1400 N	1750 N	2100 N
recommended preload	→ 1000 N	1300 N	1600 N
gap <sup>1</sup>	→ 10 μm	9 μm	8 μm
static stiffness <sup>1</sup>	→ 145 N/μm	185 N/μm	225 N/μm
max. static stiffness	→ 160 N/μm	200 N/μm	240 N/μm
tilt stiffness <sup>1,2</sup>	→ 2.5 Nm/μm	3.4 Nm/μm	4.1 Nm/μm
unrestricted airflow	→ 5 sl/min	6 sl/min	7 sl/min

## specification

weight	→ 500 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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