



# AL-24-HD



air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 100 N	120 N	150 N
recommended preload	→ 60 N	80 N	100 N
gap <sup>1</sup>	→ 9 μm	8.5 μm	8 μm
static stiffness <sup>1</sup>	→ 12 N/μm	16 N/μm	20 N/μm
max. static stiffness	→ 14 N/μm	18 N/μm	23 N/μm
tilt stiffness <sup>1,2</sup>	→ 0.01 Nm/μm	0.,016 Nm/μm	0.,023 Nm/μm
unrestricted airflow	→ 2 sl/min	2.35 sl/min	2.75 sl/min

specification	
weight	→ 10 g
guiding surface	→ Ra 0,2
air quality	→ attachment
air pressure	→ max. 9 bar
accessories	→ Bolt AL-24-HD+B

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

**application**  
 high dynamic



