

# AL-98-79-HD

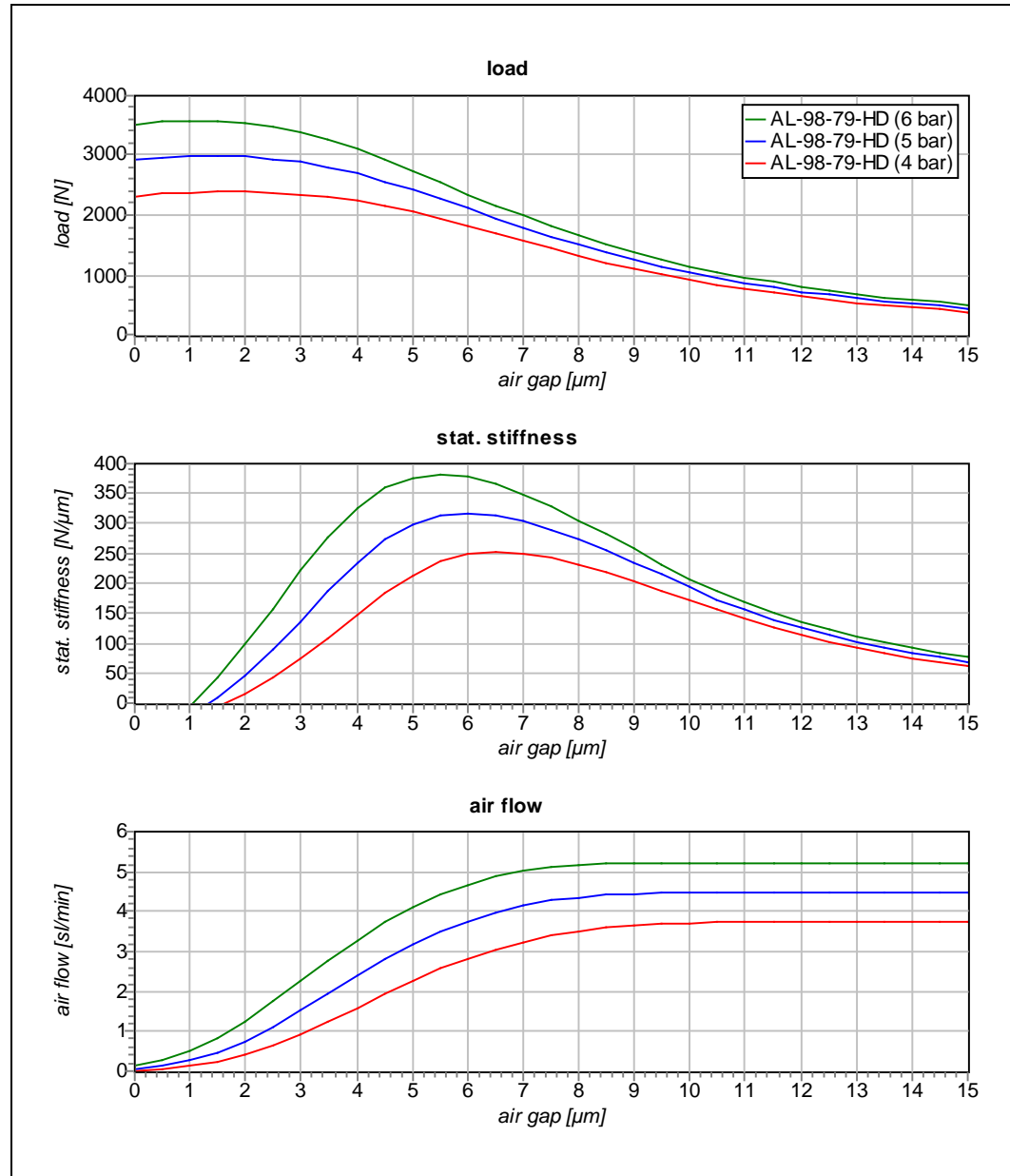


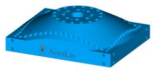
air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 1900 N	2400 N	2800 N
recommended preload	→ 900 N	1150 N	1400 N
gap <sup>1</sup>	→ 10 μm	9.5 μm	9 μm
static stiffness <sup>1</sup>	→ 170 N/μm	220 N/μm	260 N/μm
max. static stiffness	→ 250 N/μm	310 N/μm	380 N/μm
tilt stiffness <sup>1,2</sup>	→ 1.6 Nm/μm	2,0 Nm/μm	2.5 Nm/μm
unrestricted airflow	→ 3.8 sl/min	4.5 sl/min	5.2 sl/min

specification	
weight	→ 360 g
guiding surface	→ Ra 0.2
air quality	→ attachment
air pressure	→ max. 9 bar
accessories	→ joint AL-98-79-HD+G piston AL-98-79-HD+K

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

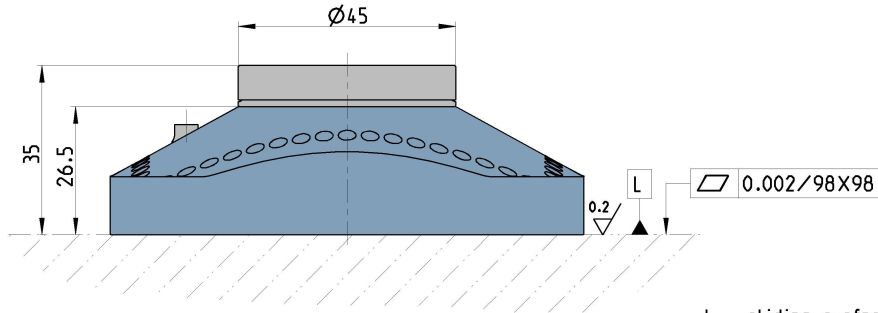
**application**  
high dynamic



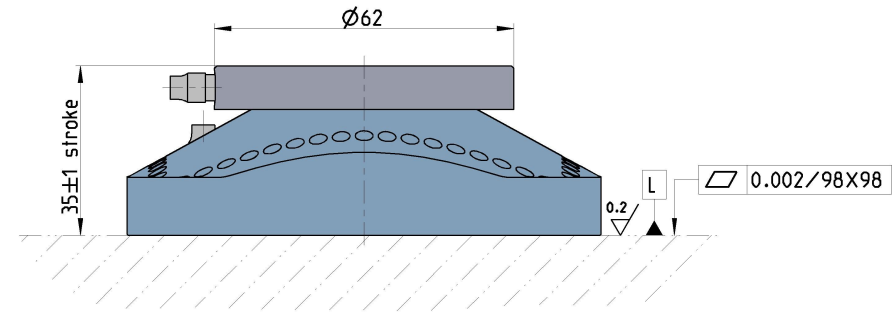


# AL-98-79-HD

air bearing with joint  
AL-98-79-HD+G



air bearing with piston  
AL-98-79-HD+K



L = sliding surface

