

AL-98-79-HD



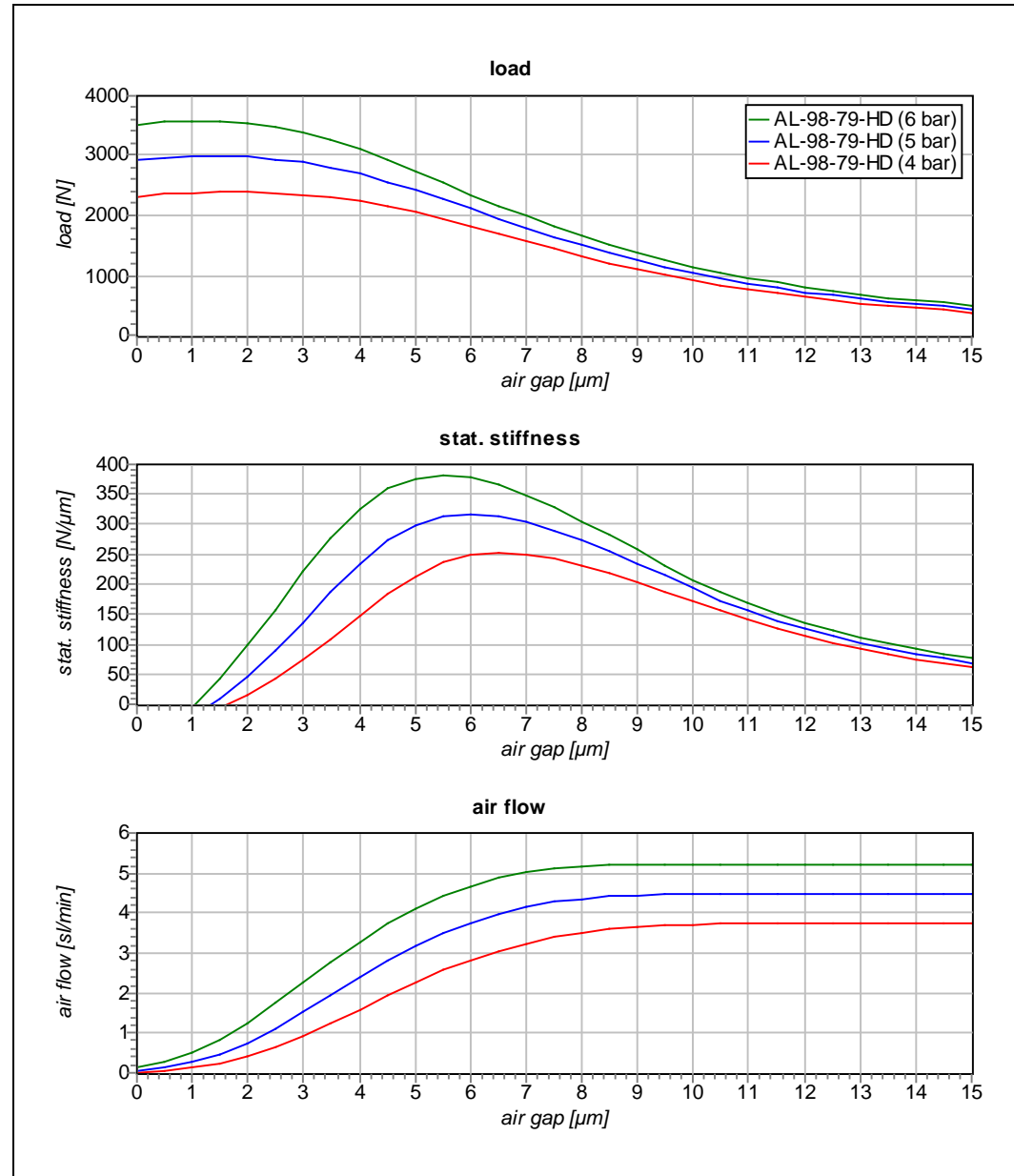
air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 1900 N	2400 N	2800 N
recommended preload	→ 900 N	1150 N	1400 N
gap ¹	→ 10 μm	9.5 μm	9 μm
static stiffness ¹	→ 170 N/μm	220 N/μm	260 N/μm
max. static stiffness	→ 250 N/μm	310 N/μm	380 N/μm
tilt stiffness ^{1,2}	→ 1.6 Nm/μm	2,0 Nm/μm	2.5 Nm/μm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

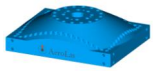
specification

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

¹ at recommended load
² measured at the edge of the bearing

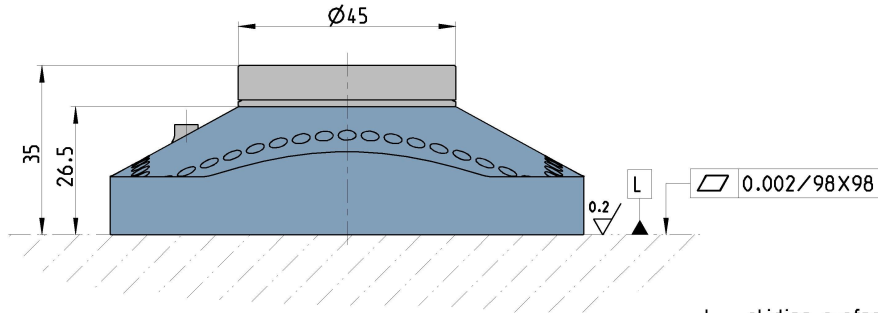
application
high dynamic



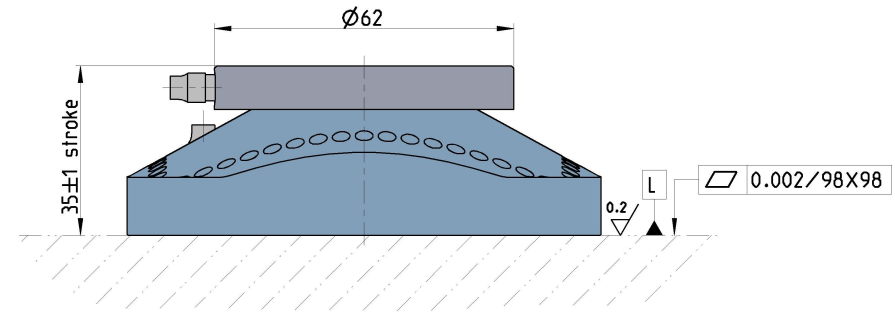


AL-98-79-HD

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



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



L = sliding surface

