



AL-80-40+F

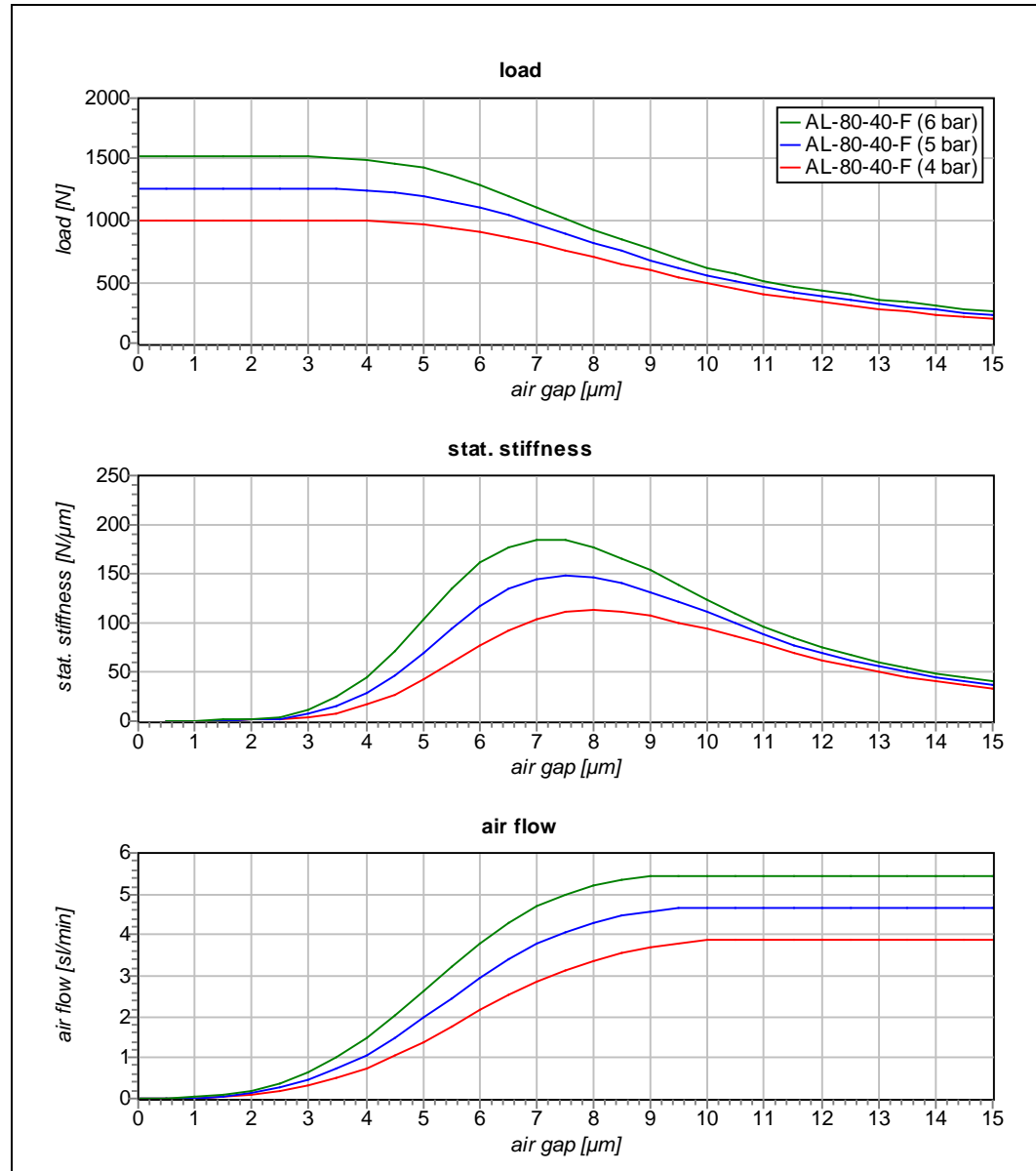
Air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 750 N	960 N	1160 N
recommended preload	→ 490 N	625 N	775 N
gap ¹	→ 9 μm	8.5 μm	8 μm
static stiffness ¹	→ 100 N/μm	130 N/μm	160 N/μm
max. static stiffness	→ 115 N/μm	150 N/μm	190 N/μm
tilt stiffness ^{1,2}	→ -	-	-
unrestricted airflow	→ 3.8 sl/min	4.5 sl/min	5.3 sl/min

specification

weight	→ 160 g
guiding surface	→ Ra 0.2
air quality	→ attachment
air pressure	→ max. 9 bar
accessories	→

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

application
 high dynamic





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