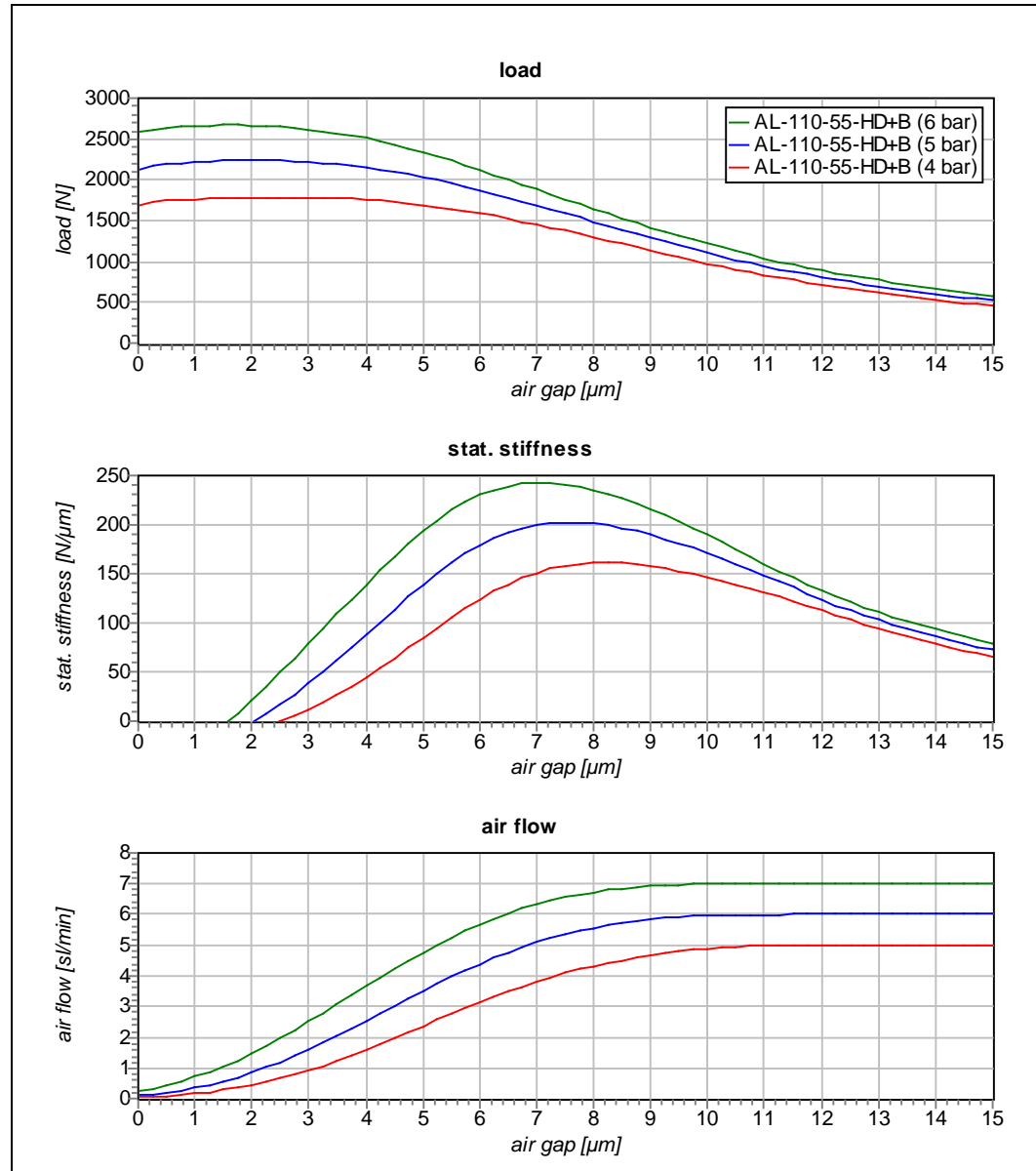




AL-110-55-HD+B



| 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 ¹ | → 10 μm | 9 μm | 8 μm |
| static stiffness ¹ | → 145 N/μm | 185 N/μm | 225 N/μm |
| max. static stiffness | → 160 N/μm | 200 N/μm | 240 N/μm |
| tilt stiffness ^{1,2} | → 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 | → | | |
| ¹ at recommended load ² measured at the edge of the bearing | | | |
| application | | | |
| high dynamic | | | |





AL-110-55-HD+B

