

# AL-110-55-HD+F



| air bearing data at           | 4 bar        | 5 bar      | 6 bar      |
|-------------------------------|--------------|------------|------------|
| recommended max. load         | → 1450 N     | 1820 N     | 2200 N     |
| recommended preload           | → 990 N      | 1260 N     | 1560 N     |
| gap <sup>1</sup>              | → 9.5 μm     | 9 μm       | 8.5 μm     |
| static stiffness <sup>1</sup> | → 190 N/μm   | 250 N/μm   | 315 N/μm   |
| max. static stiffness         | → 220 N/μm   | 285 N/μm   | 350 N/μm   |
| tilt stiffness <sup>1,2</sup> | → -          | -          | -          |
| unrestricted airflow          | → 4.1 sl/min | 5.0 sl/min | 5.8 sl/min |

## specification

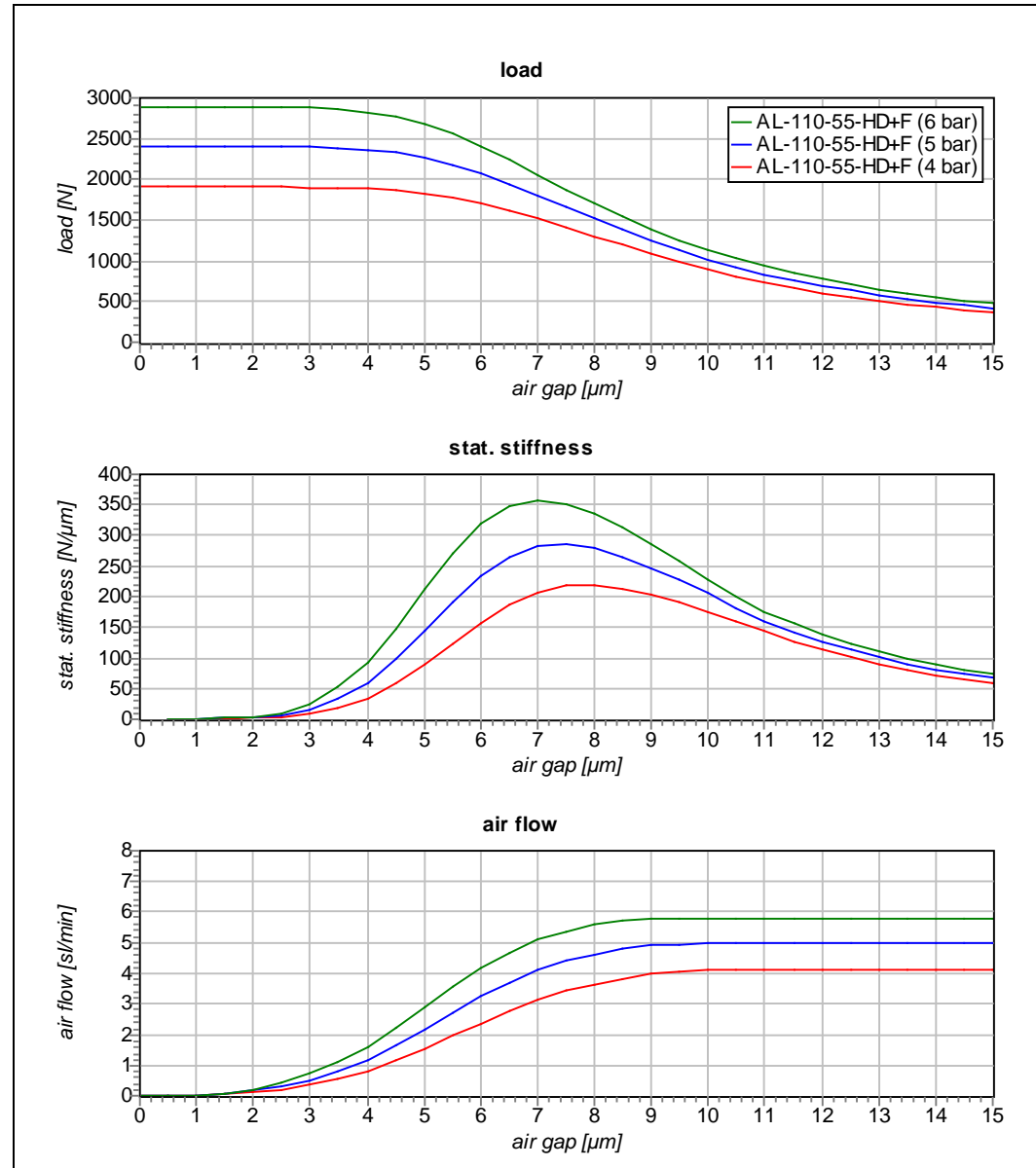
|                 |              |
|-----------------|--------------|
| weight          | → 310 g      |
| guiding surface | → Ra 0.2     |
| air quality     | → attachment |
| air pressure    | → max. 9 bar |
| accessories     | →            |

<sup>1</sup> at recommended load

<sup>2</sup> measured at the edge of the bearing

## application

high dynamic





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