

AL-75-55-HD+G

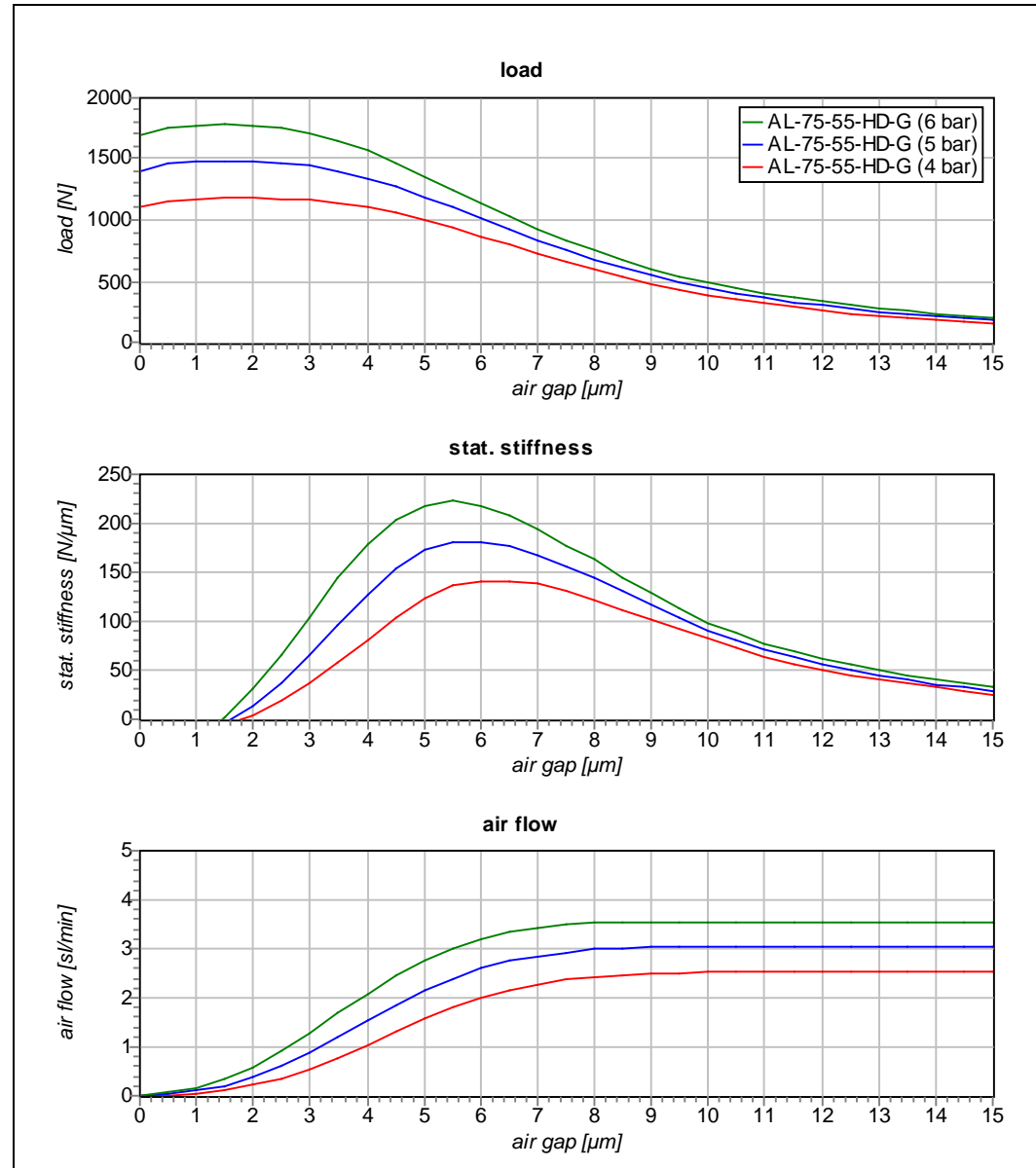


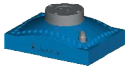
Air bearing data at	4 bar	5 bar	6 bar
recommended max. load	→ 900	1200	1500
recommended preload	→ 500	600	750
gap ¹	→ 9 μm	8.5 μm	8 μm
static stiffness ¹	→ 100 N/μm	130 N/μm	170 N/μm
max. static stiffness	→ 140 N/μm	170 N/μm	220 N/μm
tilt stiffness ^{1,2}	→ 0.7 N/μm	0.9 N/μm	1.1 N/μm
unrestricted airflow	→ 2.4 sl/min	3 sl/min	3.6 sl/min

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

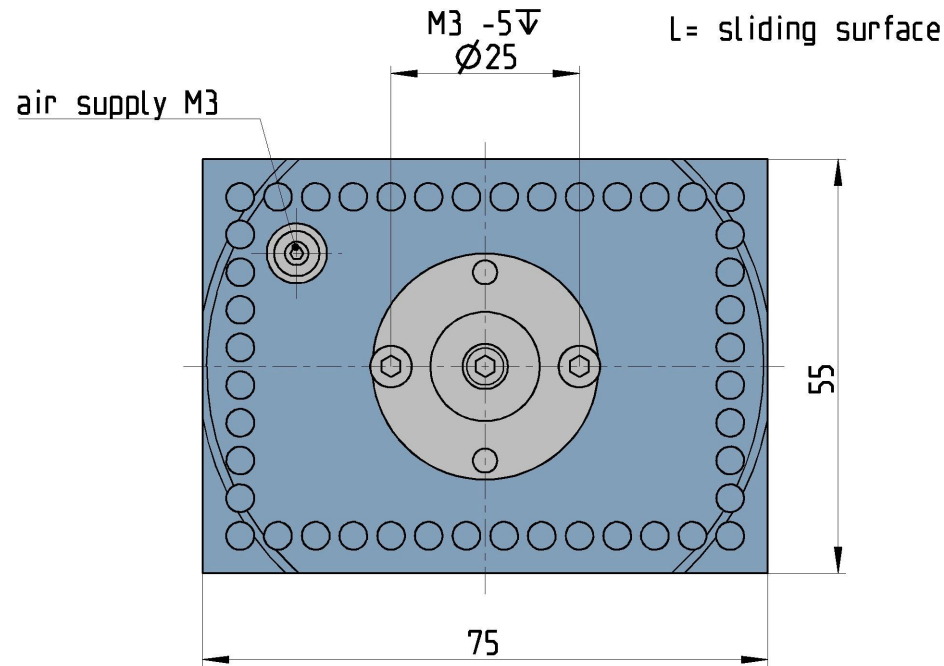
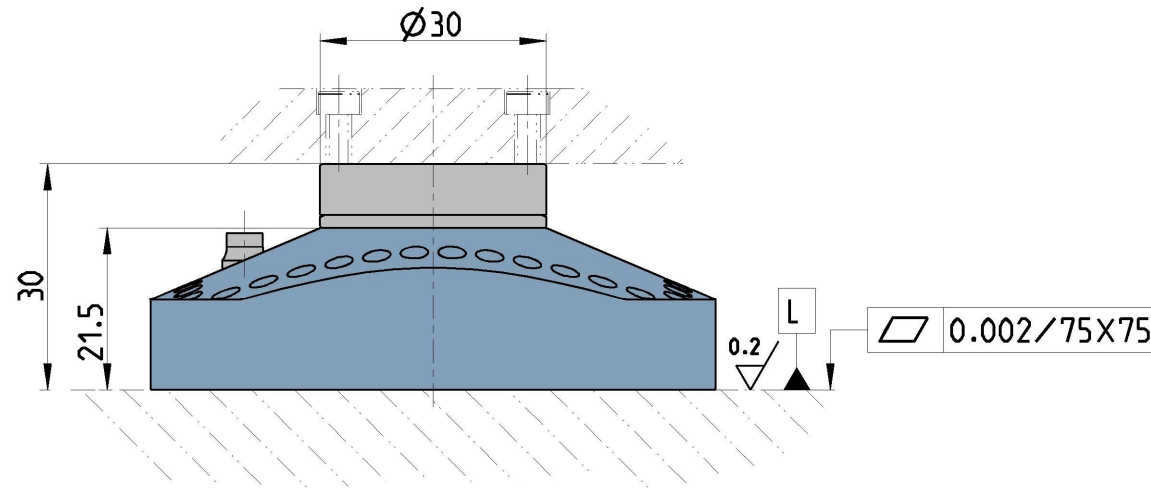
¹ at recommended load
² measured at the edge of the bearing

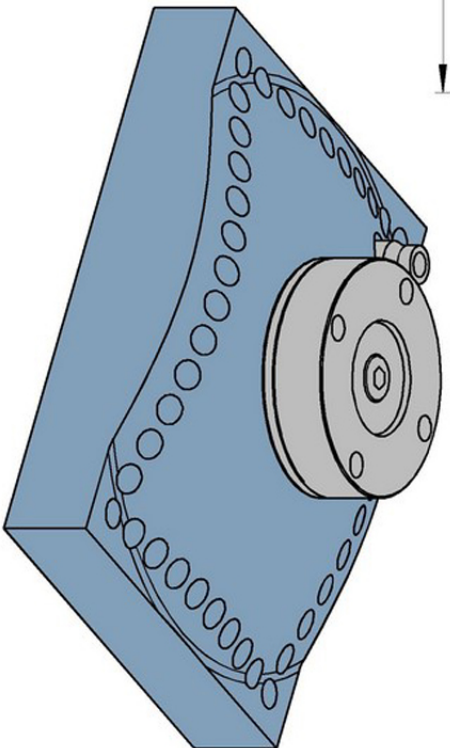
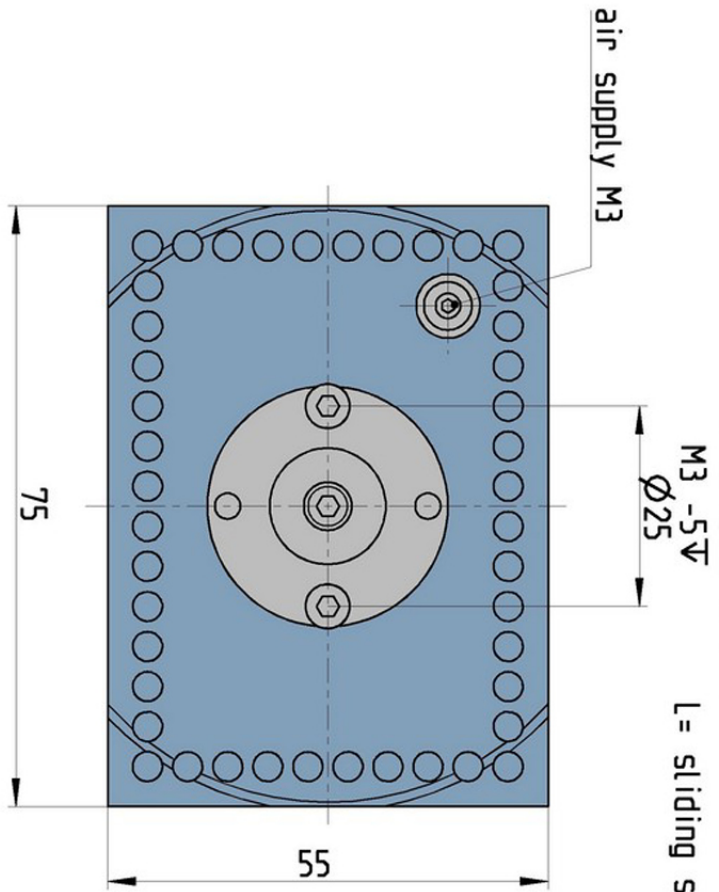
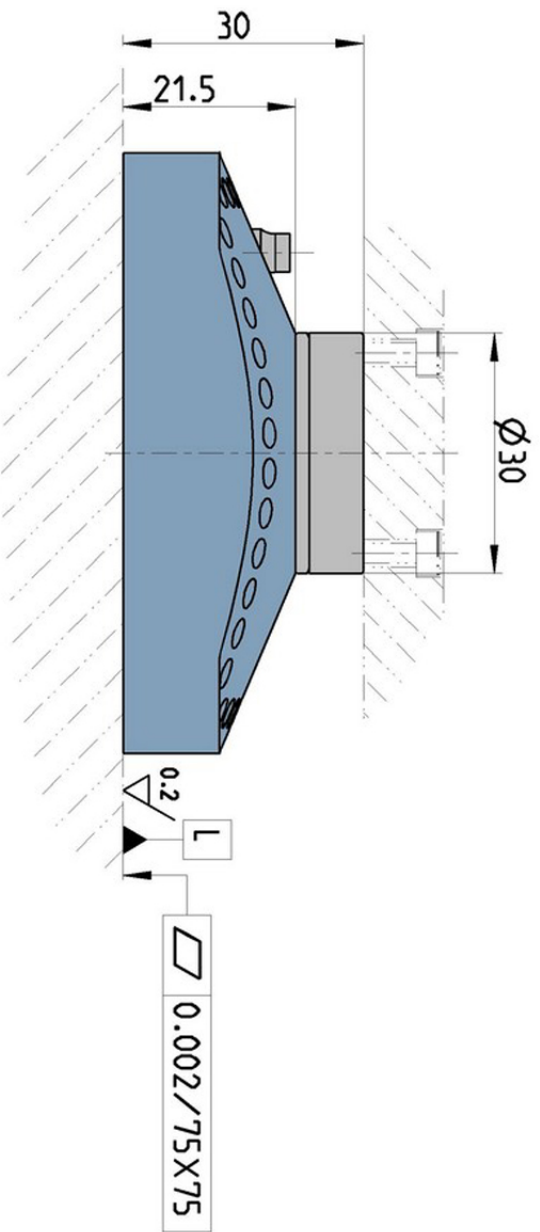
application
 high dynamic





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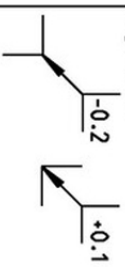


Fertigungsfreigabe released	
Datum Date	23.07.2008
Name Name	J.Wagner
Original	

Oberfläche DIN ISO 1302
surface finish

Werkstückkonten DIN 6784
edge radii

Toleranzen
tolerances



± 0.1	± 0.1
± 0.20	± 0.1
\perp	0.1
\parallel	0.1
∇	0.1

Name: J.Wagner



Aerolas

Maßstab/scale 1:1 (A4)

Werkstoff / material

Oberflächenbehandlung / surface treatment

Benennung / item name

AL-75-55-HD+G

Zeichnungsnummer / drawing no.

XP-400-140-BG

Blatt
sheet

1/2

Bemerkung / notice