



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

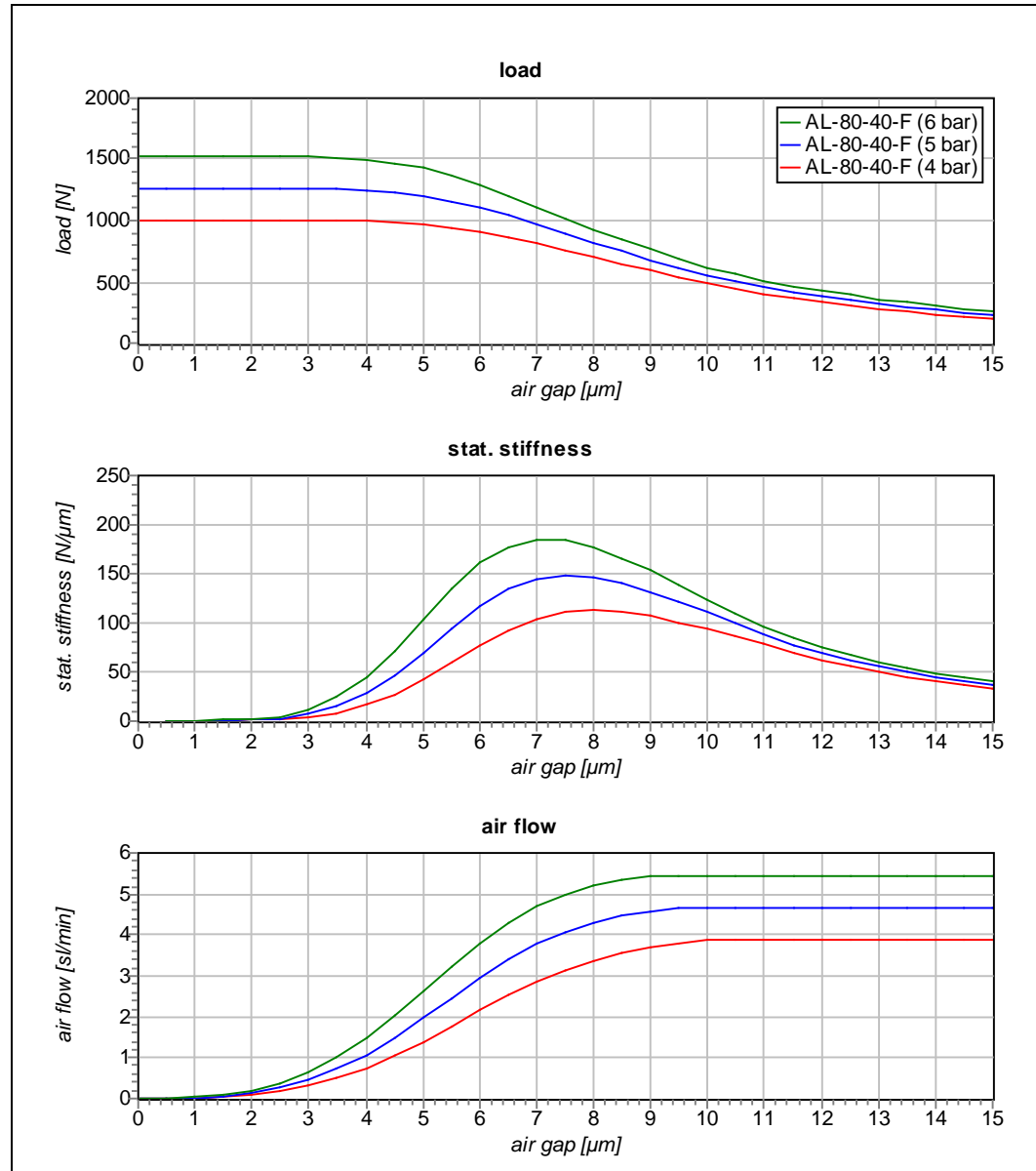
specification

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

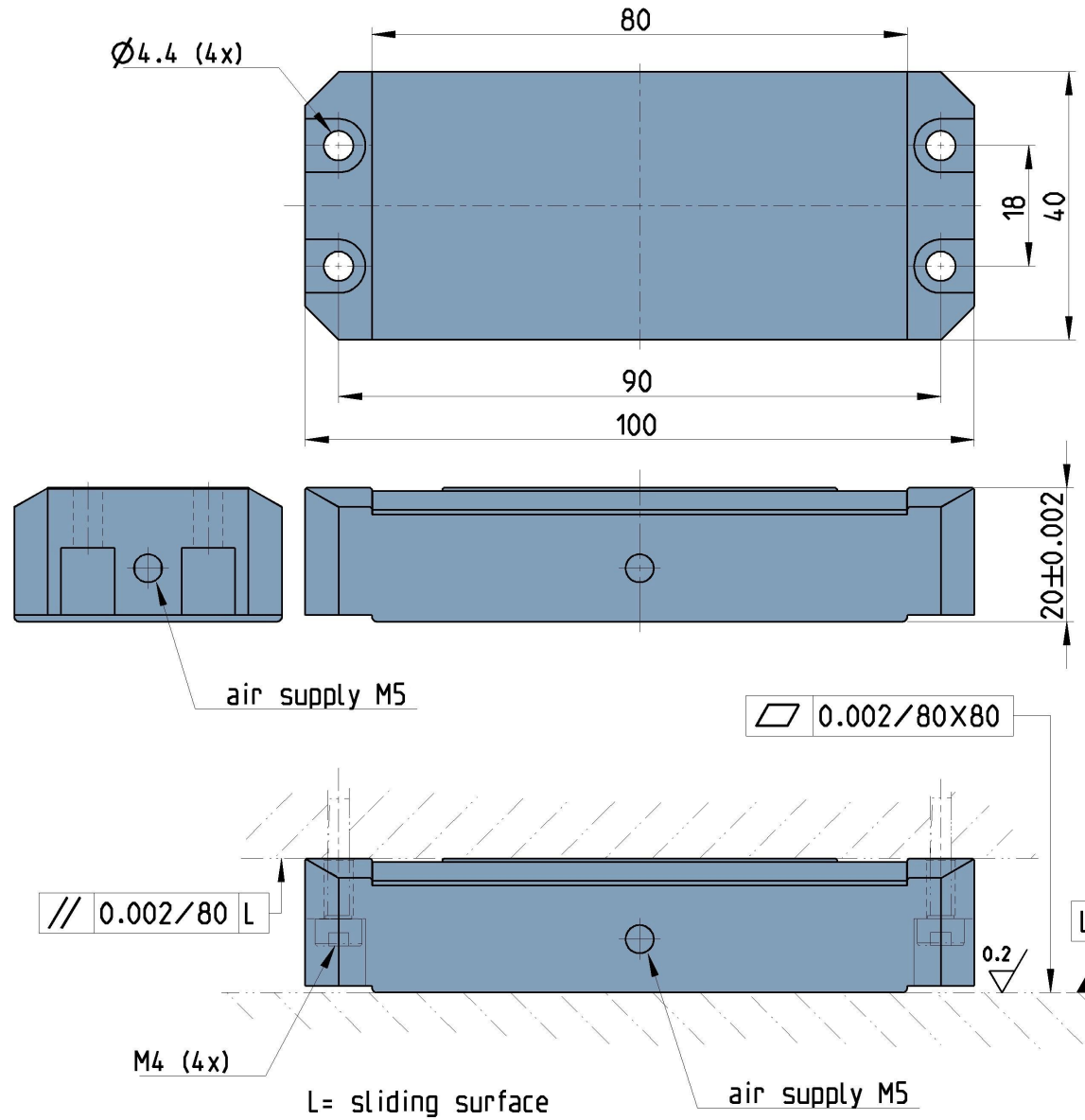
application

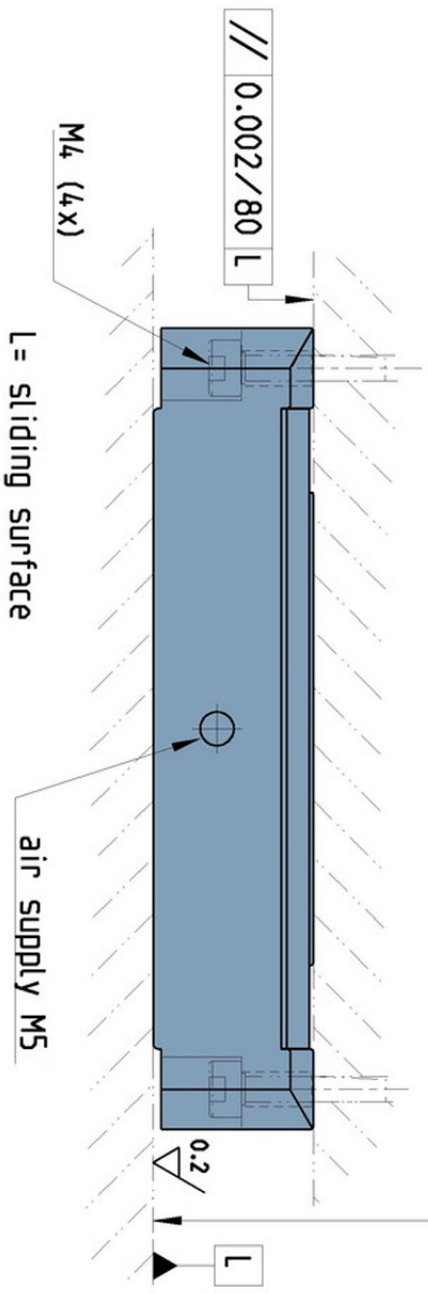
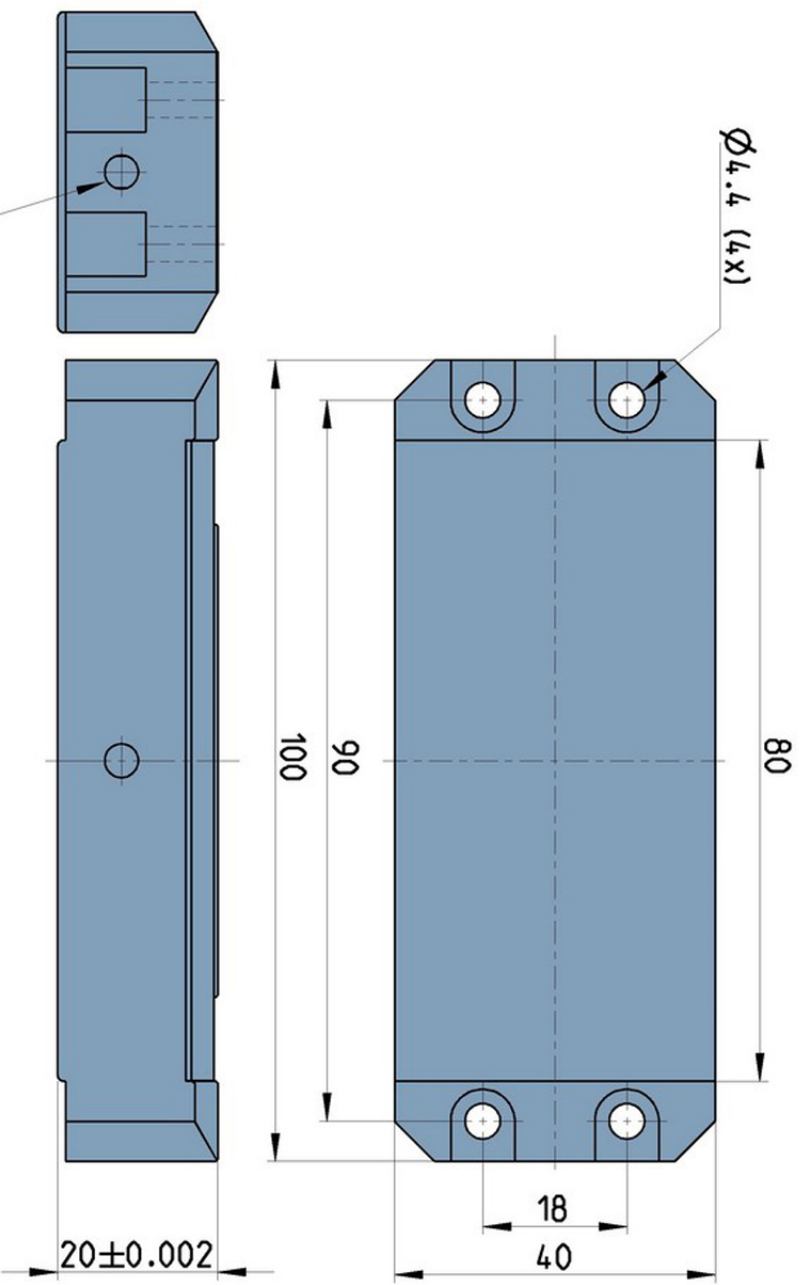
high dynamic



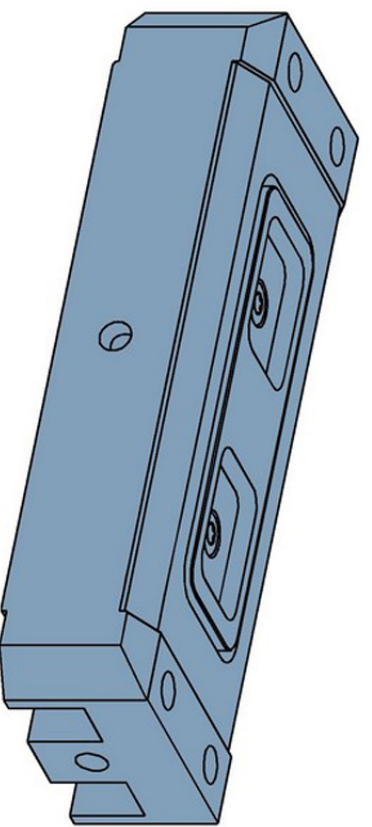


AL-80-40+F





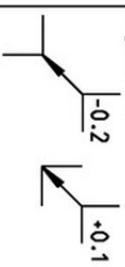
Fertigungsfreigabe released	
Datum Date	14.10.2008
Name Name	J. Wagner
Original	



Oberfläche DIN ISO 1302
surface finish

Werkstückkonten DIN 6784
edge radii

Toleranzen
tolerances



0.1
0.1
0.1
0.1

Maßstab/scale 1:1 (A4)

Werkstoff / material

Oberflächenbehandlung / surface treatment

Benennung / item name

AL-80-40+F

Zeichnungsnummer / drawing no.

XP-320-880-BG

Blatt
sheet

1/1

Bemerkung / notice



Name: S.Kühner

No. Änderung/revision index	Datum/Date	Name
.	.	.
.	.	.
.	.	.
.	.	.