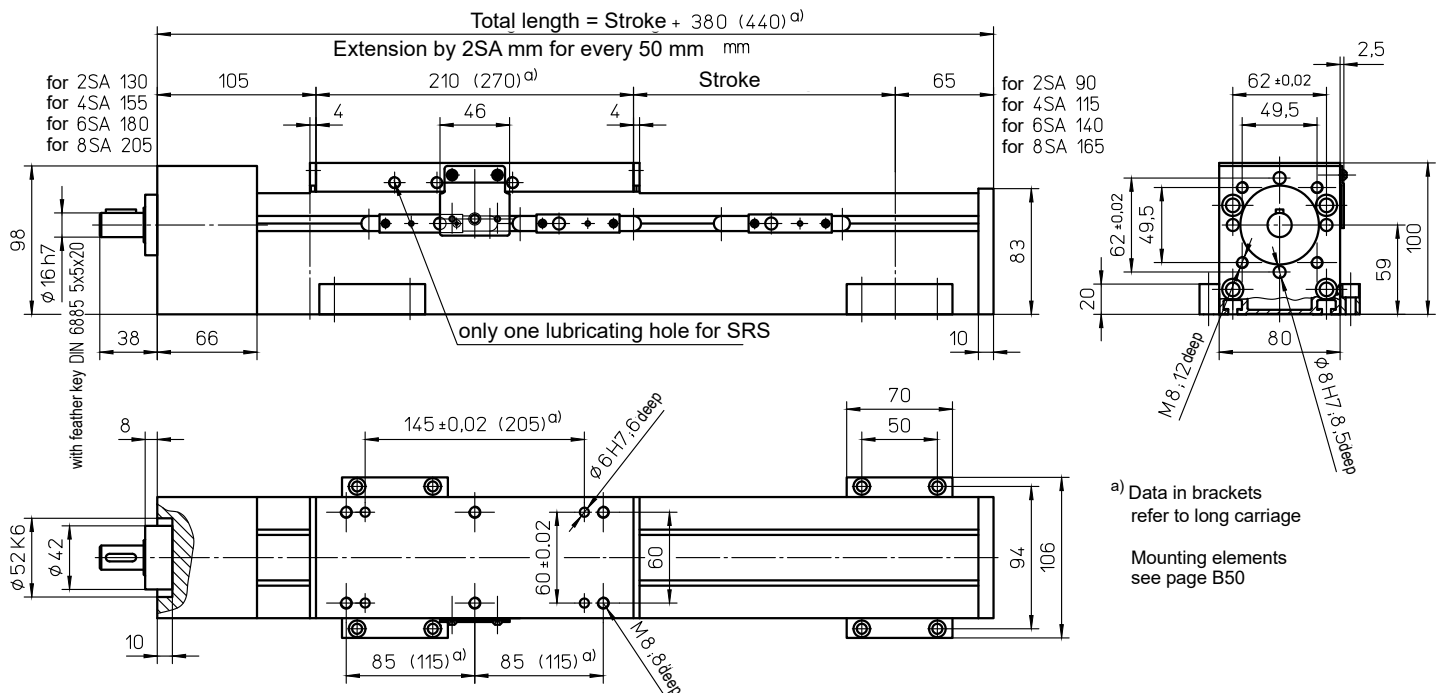


with ball screw (KGT) and roller guide (SRS) or rail guide (SSS)



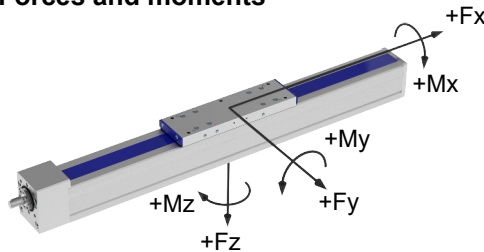
a) Data in brackets refer to long carriage

Mounting elements see page B50

Weights	SRS	SSS
Basic length without stroke:	5.40 kg	6.20 kg
100 mm stroke:	0.70 kg	1.10 kg
Entire carriage 210 mm:	2.20 kg	1.90 kg
Entire carriage 270 mm:	2.80 kg	2.40 kg

Max. total length:
(longer on request) 5600 mm

Forces and moments



	SRS	SSS
Forces	Dynamic [N]	
F_x	4000	
F_y	500	800
F_z	1500	3000
-F_z	800	2000
Moments	Dynamic [Nm]	
M_x	50	100
M_y	180 (270)	250 (300)
M_z	100 (130)	250 (300)

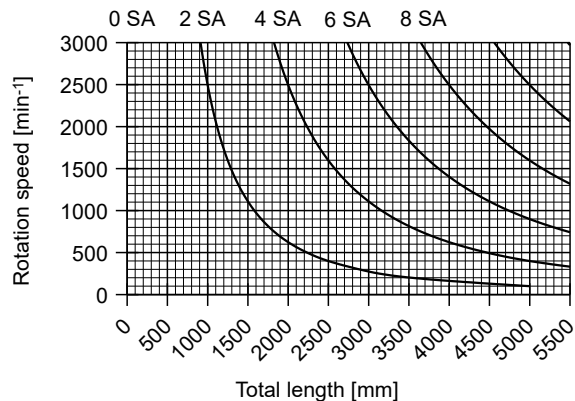
Data in brackets refer to long carriage plate (270)

Technical Data	SRS	SSS
Max. speed:	2.50 m/s	
Max. acceleration:	20 m/s ²	
Repeat accuracy:	± 0.03 mm (KGT)	
Idle torque:	0.60 Nm	0.80 Nm

Drive element **KGT**

Max. rotation speed:	3000 min ⁻¹
Diameter:	20 mm
Pitch:	5 / 10 / 20 / 50 mm
Moment of inertia:	8.40 · 10 ⁻⁵ kgm ² /m

Spindle support (SA)



For mechanical linear drives with roller guide, the static load rating "C_{stat}" (page TL 11) applies for static loads.
Special design: Spindle support with damping ring (extension of total length: 10 mm for every 2 SA)
Design with double nut („MM“) is only available with long carriage plate 270 mm and pitch „5“, „10“ oder „20“.