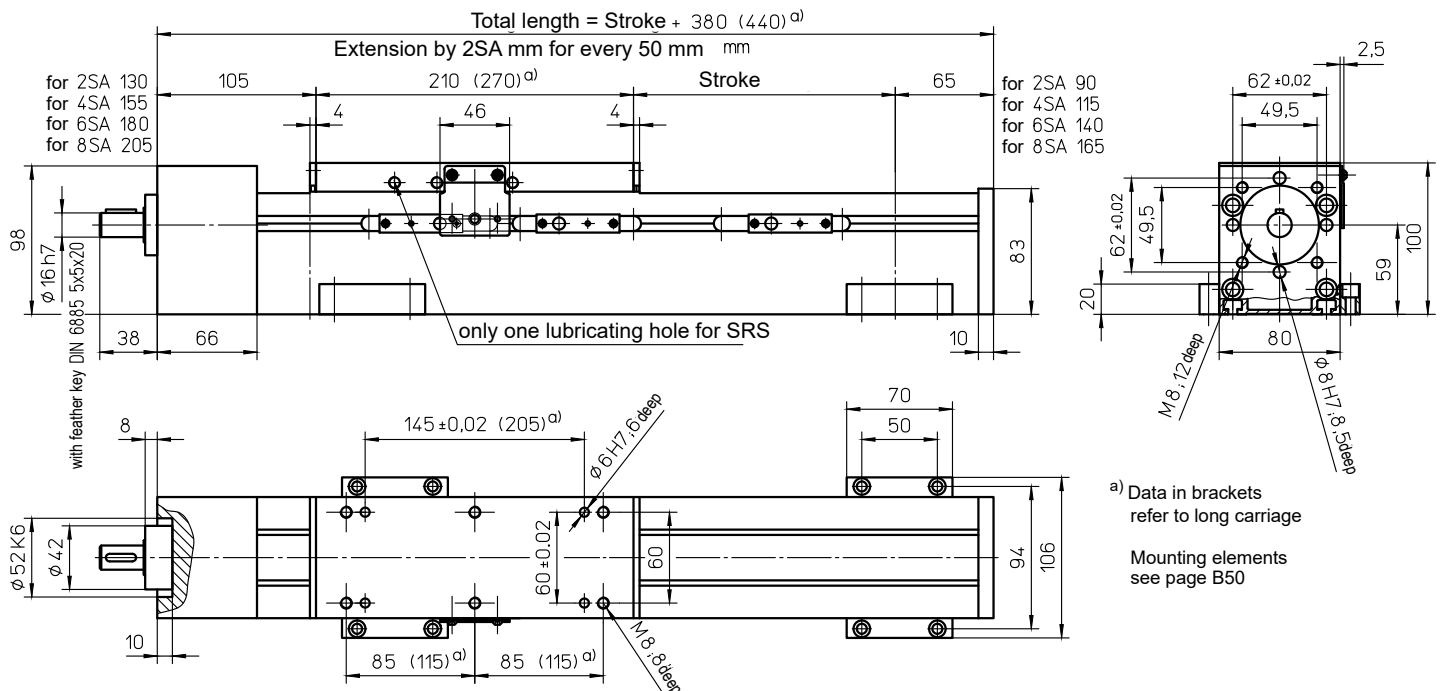


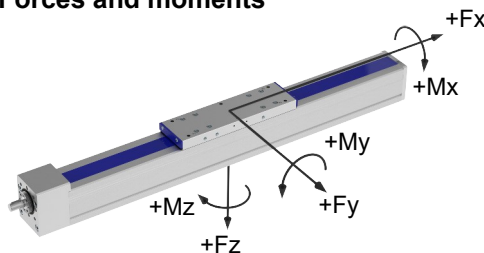
with ball screw (KGT) and roller guide (SRS) or rail guide (SSS)



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)

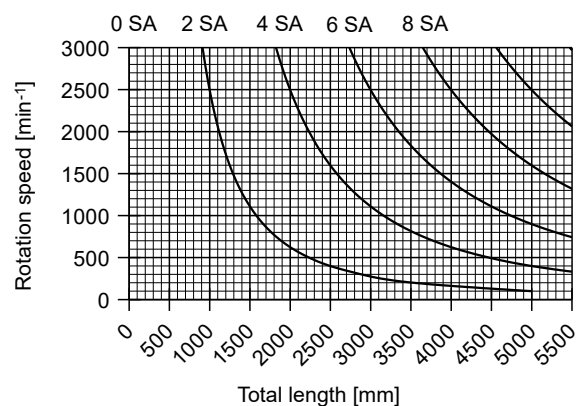
Data in brackets refer to long carriage plate (270)

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:	$8.40 \cdot 10^{-5}$ 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“.