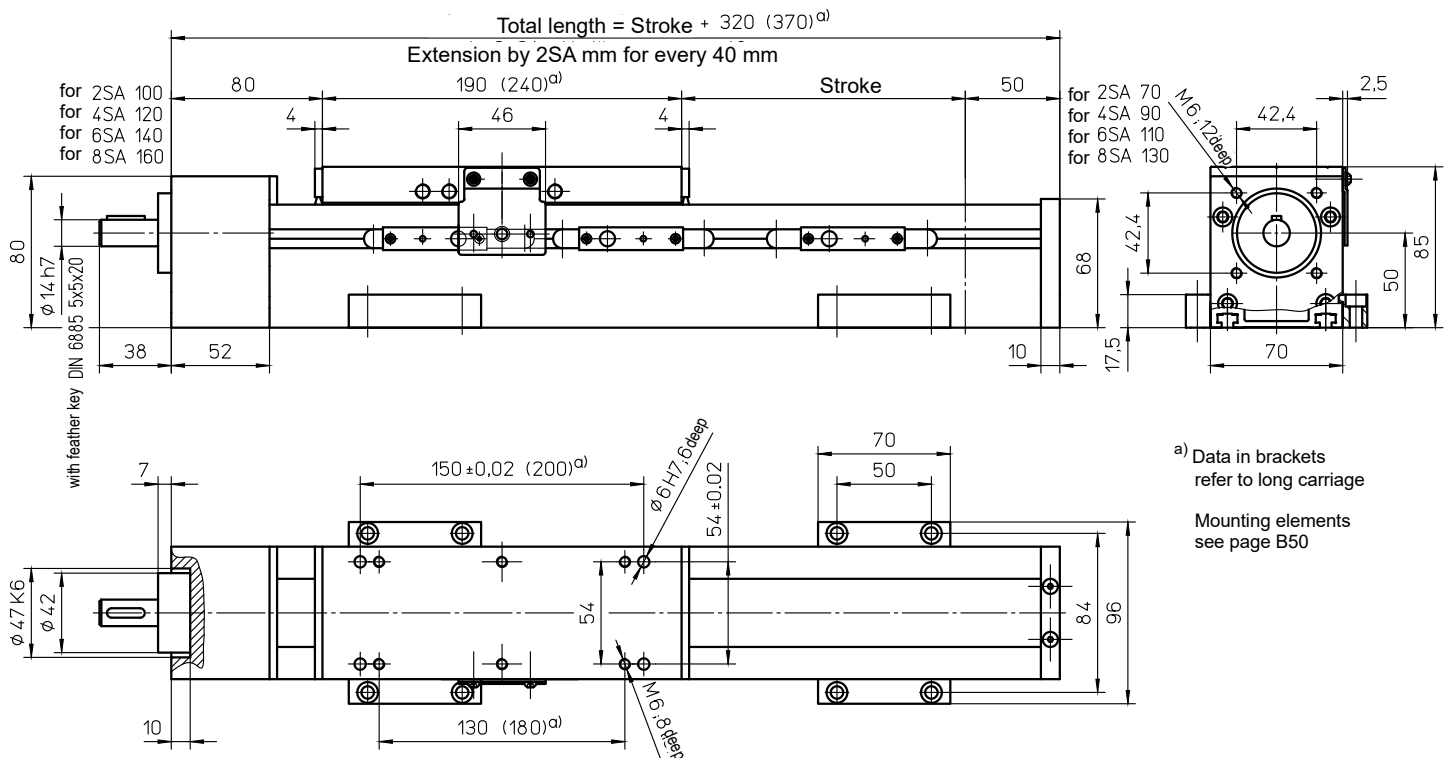


with ball screw (KGT) and roller guide (SRS) or rail guide (SSS)

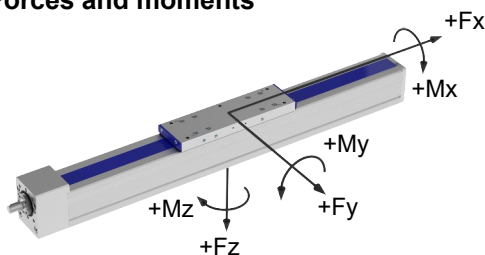


Weights	SRS	SSS
Basic length without stroke:	3.65 kg	3.50 kg
100 mm stroke:	0.56 kg	0.71 kg
Entire carriage 190 mm:	1.60 kg	1.25 kg
Entire carriage 240 mm:	2.02 kg	1.60 kg

Max. total length: 4000 mm
(longer on request)

Technical Data	SRS	SSS
Max. speed:	2.00 m/s	
Max. acceleration:	20 m/s ²	
Repeat accuracy:	± 0.03 mm (KGT)	
Idle torque:	0.35 Nm	0.40 Nm

Forces and moments

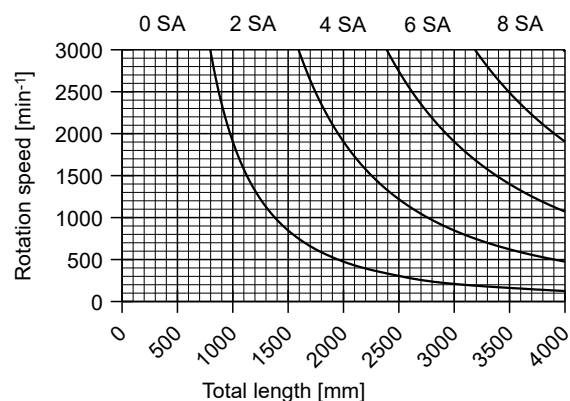


	SRS	SSS
Forces	Dynamic [N]	
F_x	2000	
F_y	300	600
F_z	1000	1800
-F_z	400	1200
Moments	Dynamic [Nm]	
M_x	35	60
M_y	120 (150)	180 (220)
M_z	60 (70)	120 (150)

Data in brackets refer to long carriage plate (240)

Drive element	KGT
Max. rotation speed:	3000 min ⁻¹
Diameter:	16 mm
Pitch:	5 / 10 / 20 / 40 mm
Moment of inertia:	3.32 · 10 ⁻⁵ kgm ² /m

Spindle support (SA)



For version "SRS" only 6 SA possible.

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)