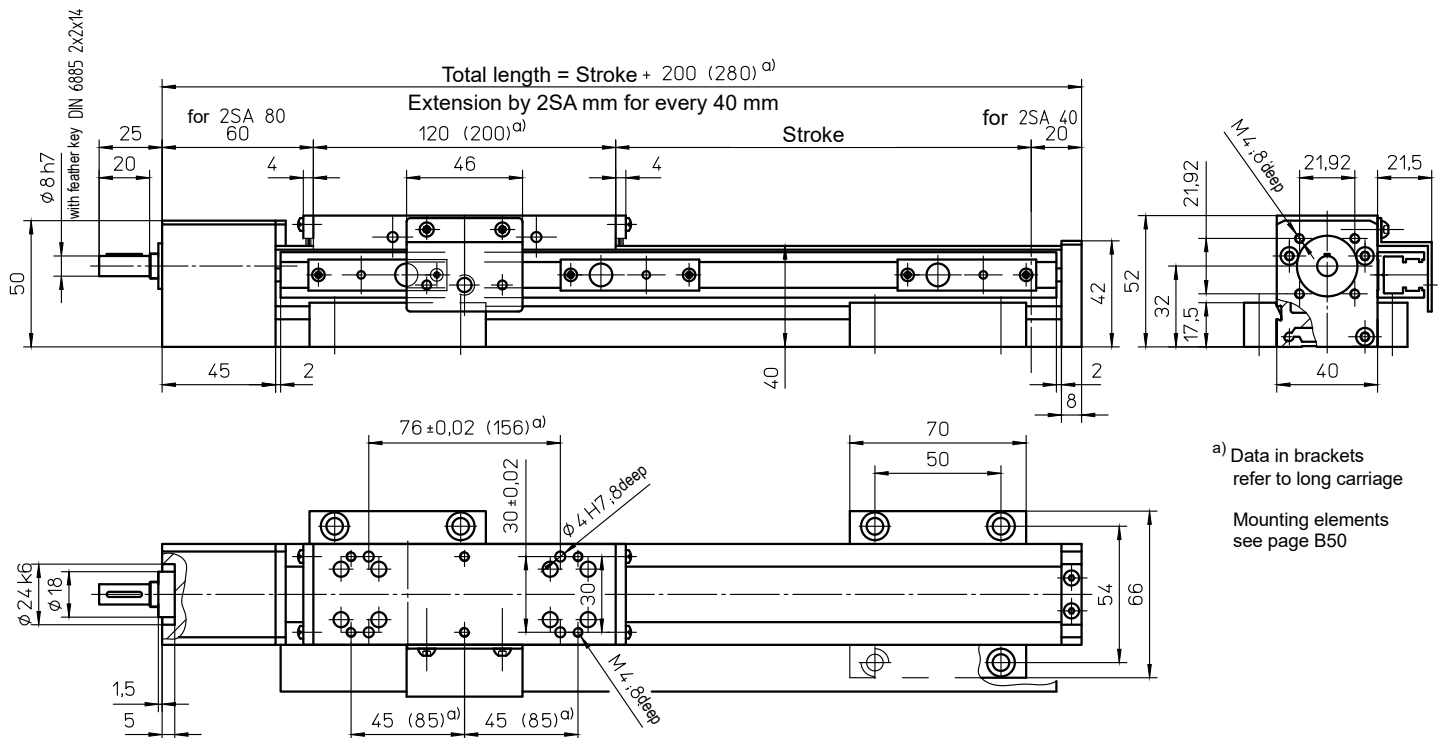


with ball screw (KGT) and sliding guide (SGS) or rail guide (SSS)



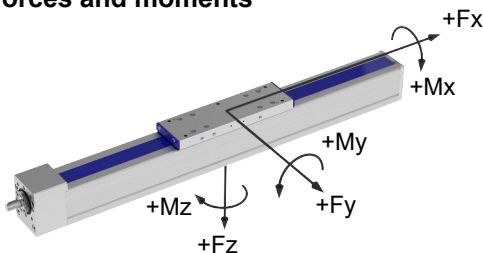
a) Data in brackets refer to long carriage
Mounting elements see page B50

Weights	SGS	SSS
Basic length without stroke:	1.50 kg	1.70 kg
100 mm stroke:	0.30 kg	0.40 kg
Entire carriage 120 mm:	0.30 kg	0.40 kg
Entire carriage 200 mm:	0.50 kg	0.65 kg

Max. total length: 2040 mm

Technical Data	SGS	SSS
Max. speed:	0.5 m/s	
Max. acceleration:	20 m/s ²	
Repeat accuracy:	± 0.03 mm (KGT)	
Idle torque:	0.30 Nm	0.4 Nm

Forces and moments

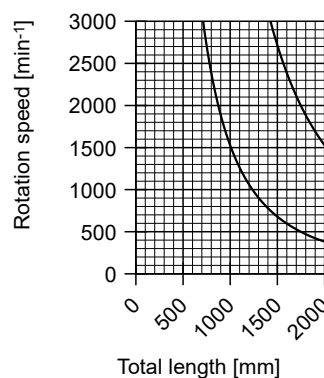


Drive element	KGT
Max. rotation speed:	3000 min ⁻¹
Diameter:	12 mm
Pitch:	5 / 10 mm
Moment of inertia:	1.13 · 10 ⁻⁵ kgm ² /m

Spindle support (SA)
(only available with SSS)

	SGS	SSS
Forces	Dynamic [N]	
F_x	1000	
F_y	80	500
F_z	150	600
-F_z	75	300
Moments	Dynamic [Nm]	
M_x	6	12
M_y	6	30 (50)
M_z	8	30 (50)

Data in brackets refer to long carriage (200)



Special design: Spindle support with damping ring (extension of total length: 10 mm for every 2 SA)
Version with double nut not possible.