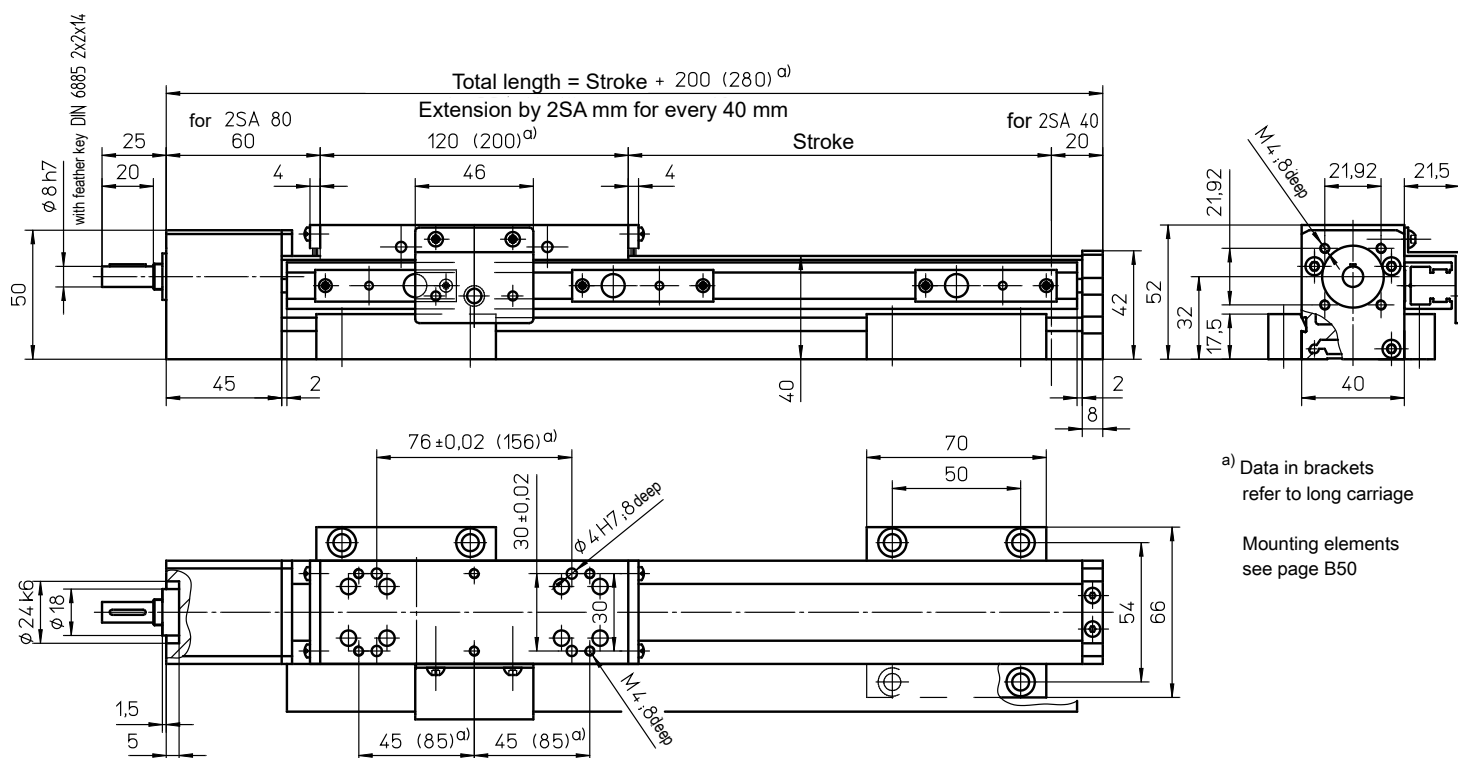


with ball screw (KGT) and sliding guide (SGS) or rail guide (SSS)



a) Data in brackets refer to long carriage

Mounting elements see page B50

Weights

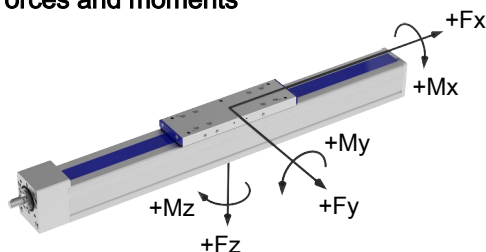
	SGS	SSS
Basic length without stroke:	1.50 kg	1.70 kg
100 mm stroke:	0.30 kg	0.40 kg
Entire carriage 120 mm:	0.30 kg	0.40 kg
Entire carriage 200 mm:	0.50 kg	0.65 kg

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



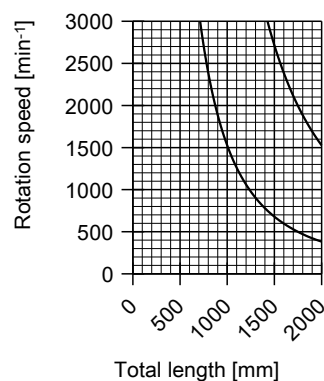
Drive element

	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.