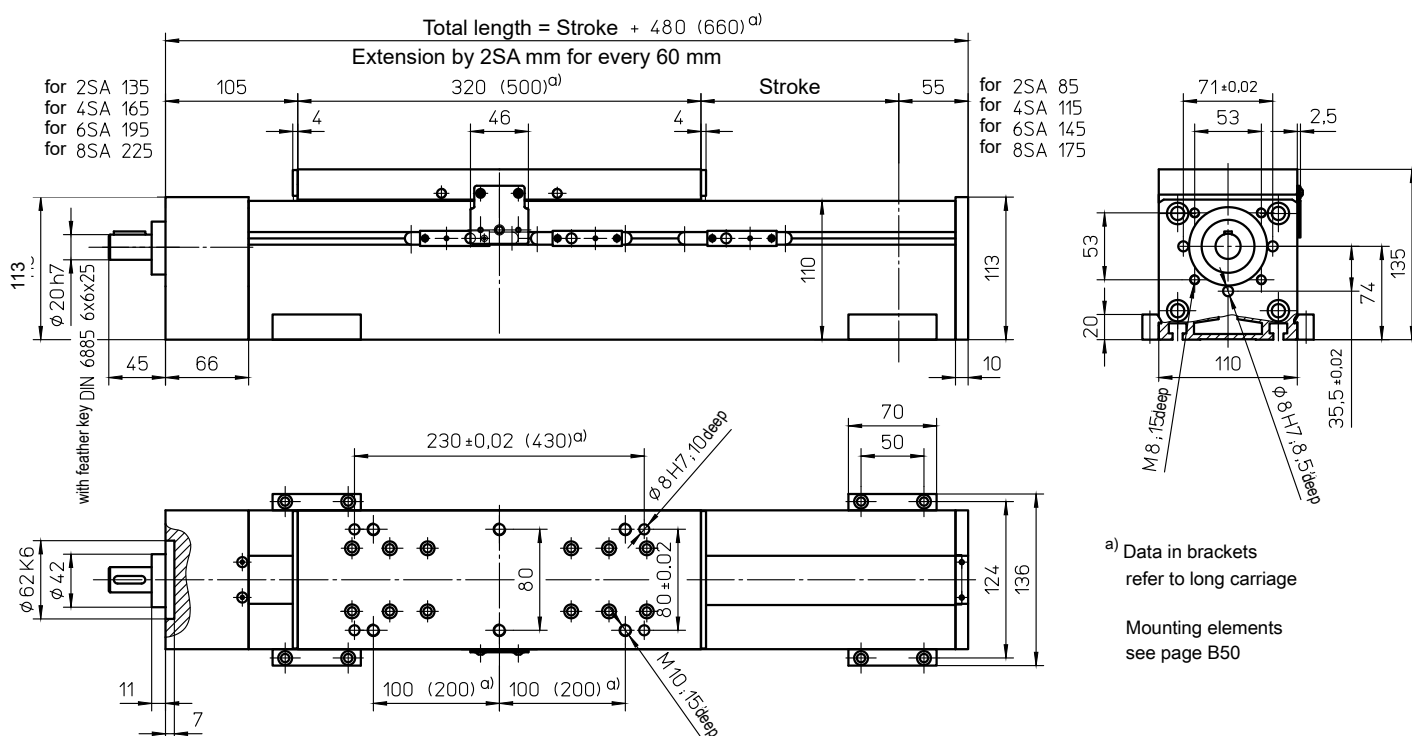


with ball screw (KGT) and roller guide (SRS) or rail guide (SSS)

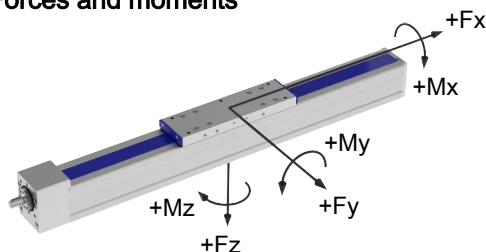


Weights	SRS	SSS
Basic length without stroke:	12.50 kg	13.50 kg
100 mm stroke:	1.40 kg	1.70 kg
Entire carriage 320 mm:	5.80 kg	5.30 kg
Entire carriage 500 mm:	9.10 kg	8.30 kg

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

Technical Data	SRS	SSS
Max. speed:	2.50 m/s	
Max. acceleration:	20 m/s ²	
Repeat accuracy:	± 0.03 mm (KGT)	
Idle torque:	1.00 Nm	1.50 Nm

Forces and moments



	SRS	SSS
Forces	Dynamic [N]	
F_x	6000	
F_y	2000	3000
F_z	5000	8000
-F_z	2500	4000
Moments	Dynamic [Nm]	
M_x	300	400
M_y	600 (800)	800 (1200)
M_z	450 (550)	600 (800)

Data in brackets refer to long carriage plate (500)

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)

Version with double nut ("MM") only available with pitch "5", "10" and "25".

Drive element

KGT

Max. rotation speed:	3000 min ⁻¹
Diameter:	25 mm
Pitch:	5 / 10 / 25 / 50 mm
Moment of inertia:	2.25 • 10 ⁻⁴ kgm ² /m

Spindle support (SA)

