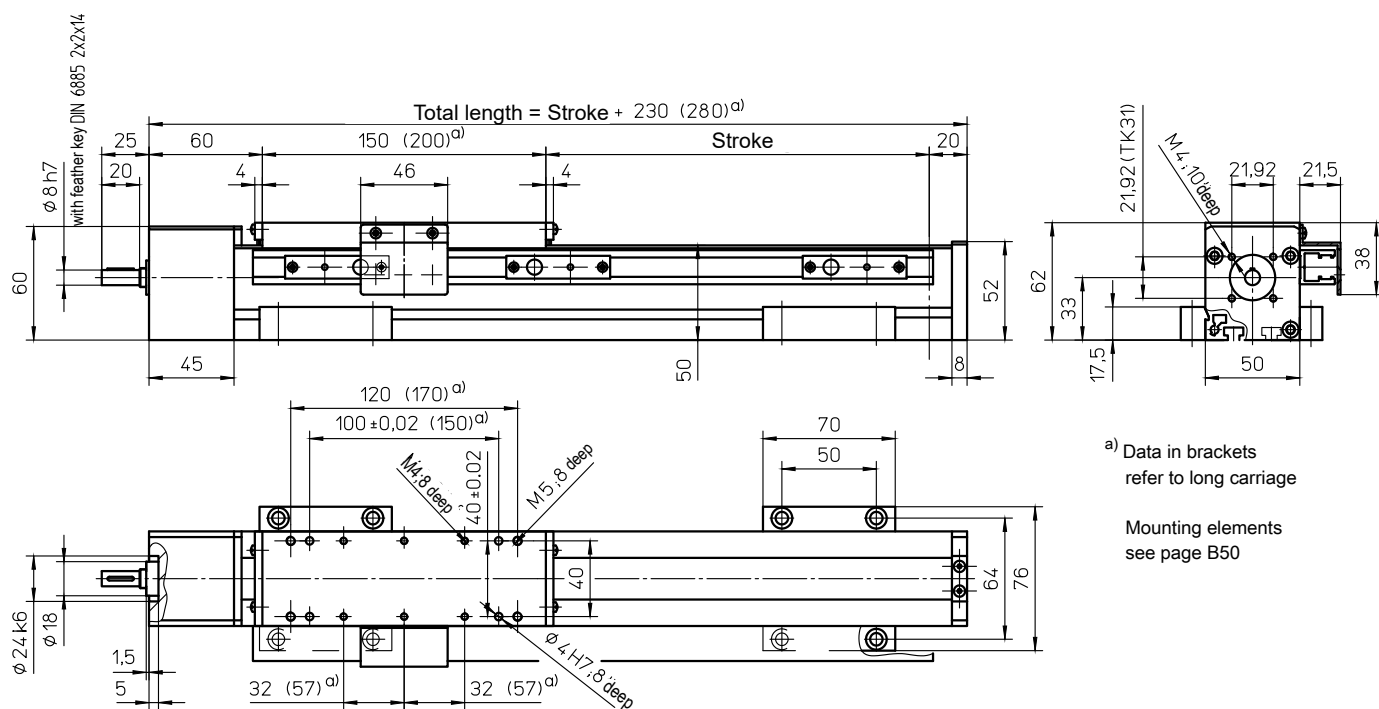


with ball screw (KGT) and roller guide (SRS)

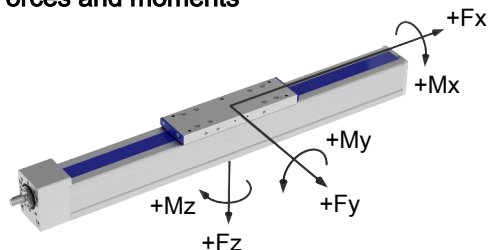


Weights	SRS
Basic length without stroke:	1.50 kg
100 mm stroke:	0.40 kg
Entire carriage 150 mm:	0.45 kg
Entire carriage 200 mm:	0.60 kg

Max. total length: 1090 mm

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

Forces and moments



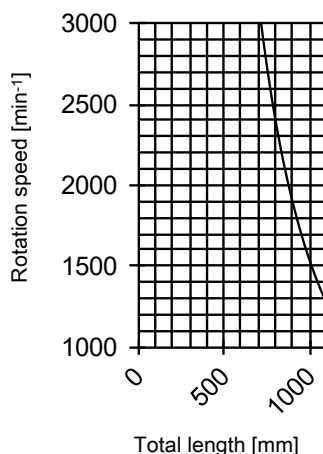
	SRS
Forces	Dynamic [N]
F_x	1000
F_y	300
F_z	600
$-F_z$	400
Moments	Dynamic [Nm]
M_x	30
M_y	50 (65)
M_z	50 (65)

Data in brackets refer to long carriage (200)

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

Max. rotation speed



For mechanical linear drives with roller guide,
the static load rating “C_{stat}” (page TL 11) applies for static loads.
Version with double nut not possible.