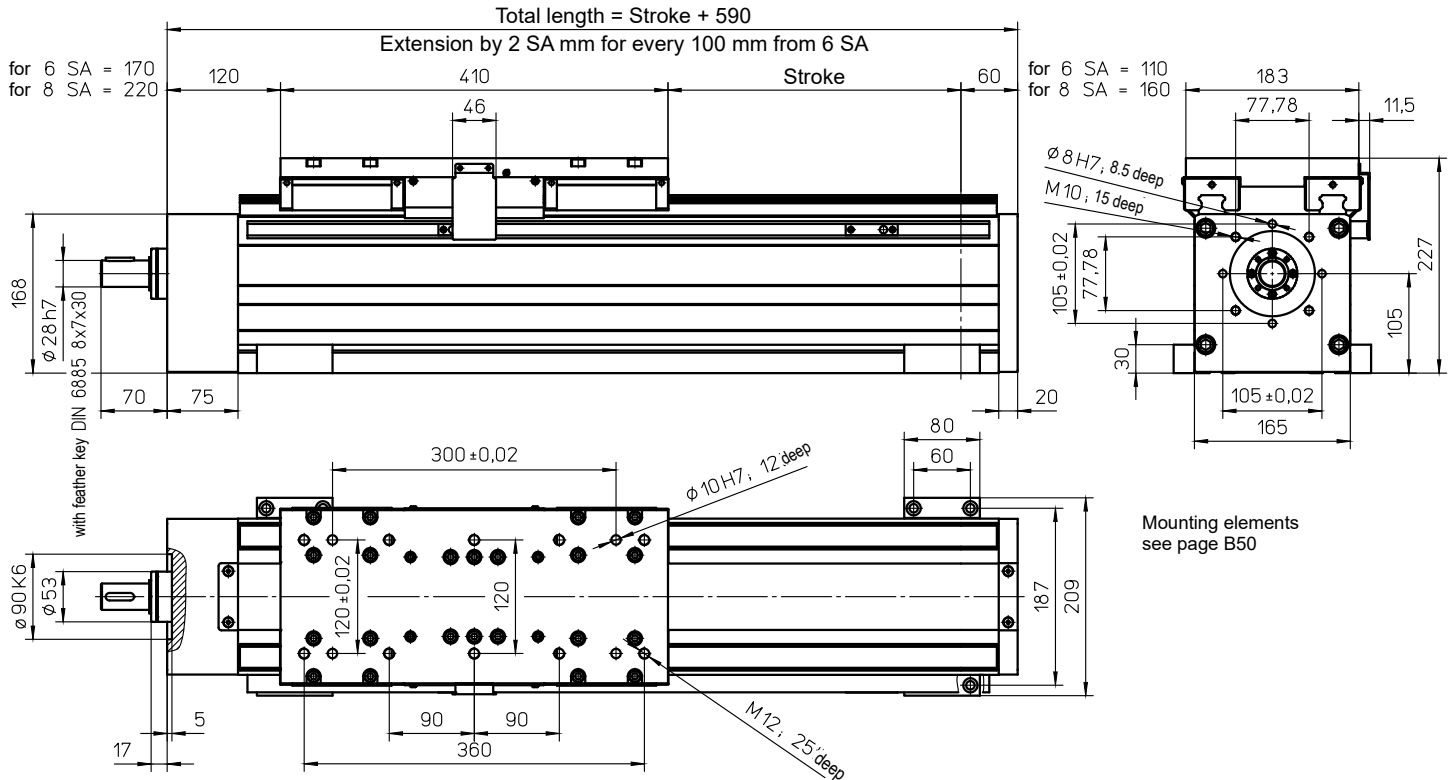


with ball screw (KGT) and rail guide (SSF)



Weights

SSF

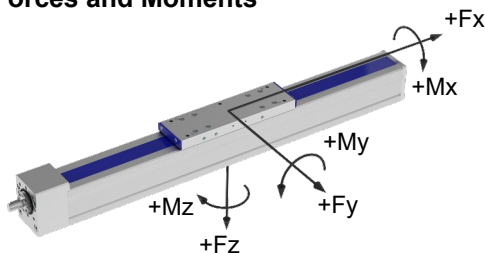
Basic length without stroke:	38.90 kg
100 mm stroke:	4.40 kg
Entire carriage 410 mm:	25.20 kg
Max. total length:	5600 mm
(longer on request)	

Technical Data

SSF

Max. total speed:	2.00 m/s
Max. acceleration:	20 m/s ²
Repeat accuracy:	± 0.03 mm (KGT)
Idle torque:	4.60 Nm

Forces and Moments



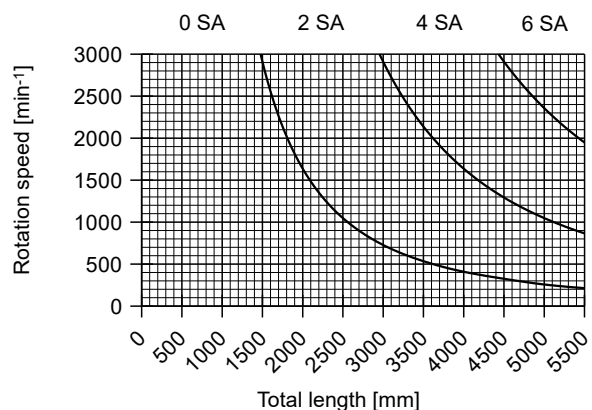
	SSF
Forces	Dynamic [N]
F_x	25000
F_y	5000
F_z	15000
-F_z	8000
Moments	Dynamic [Nm]
M_x	800
M_y	1800
M_z	1400

Drive element

KGT

Max. rotation speed:	3000 min ⁻¹
Diameter:	50 mm
Pitch:	10 / 20 / 40 mm
Moment of inertia:	3.57 · 10 ⁻³ kgm ² /m

Spindle support (SA)



Special design: Spindle support with damping ring (from 4SA: extension of total length: 10 mm for every 2 SA)