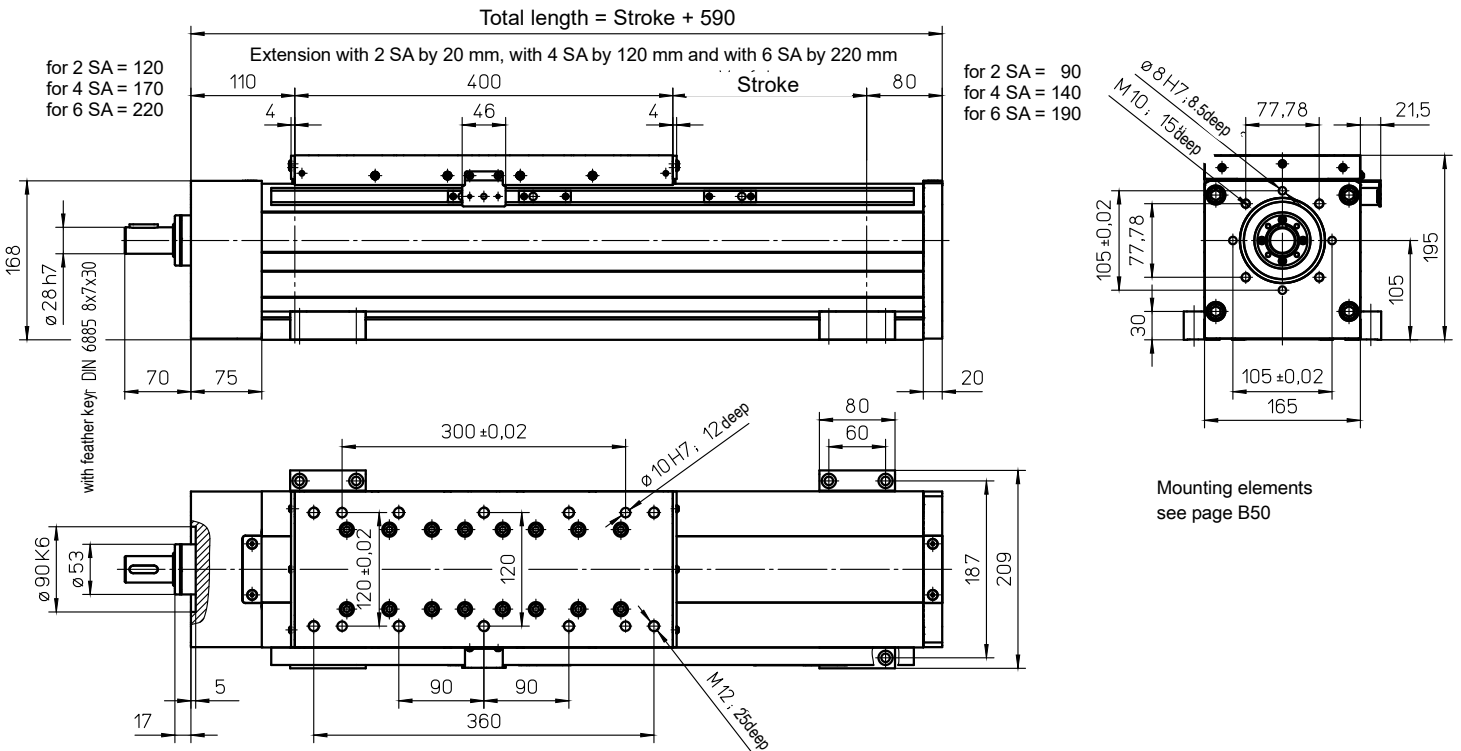


with ball screw (KGT) and sliding guide (SGV)



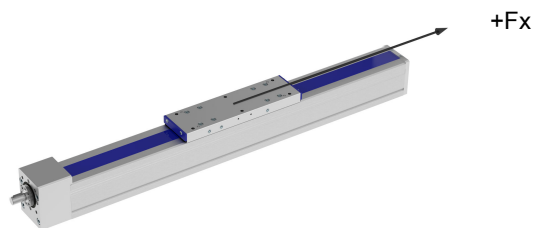
Weights

	SGV
Basic length without stroke:	33.00 kg
100 mm stroke:	3.30 kg
Entire carriage 400 mm:	10.50 kg
Max. total length: (longer on request)	5600 mm

Technical Data

	SGV
Max. speed:	2.00 m/s
Max. acceleration:	20 m/s ²
Repeat accuracy:	± 0.03 mm (KGT)
Idle torque:	3.00 Nm

Forces and moments



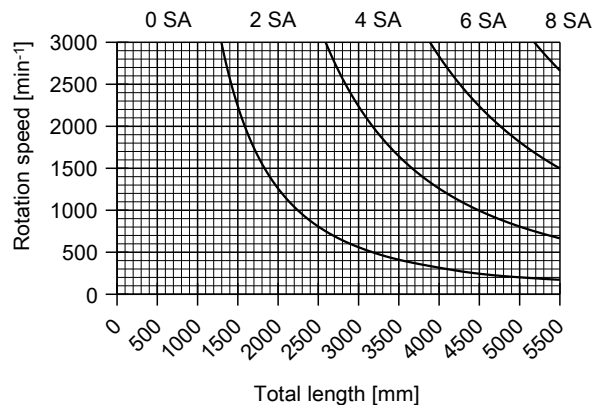
	SGV
Forces	Dynamic [N]
F_x	18000
F_y	-
F_z	-
-F_z	-
Moments	Dynamic [Nm]
M_x	-
M_y	-
M_z	-

"-" => Must have an external guide.

Drive element

	KGT
Max. rotation speed:	3000 min ⁻¹
Diameter:	40 mm
Pitch:	5 / 10 / 20 / 40 mm
Moment of inertia:	1.65 · 10 ⁻³ kgm ² /m

Spindle support (SA)



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