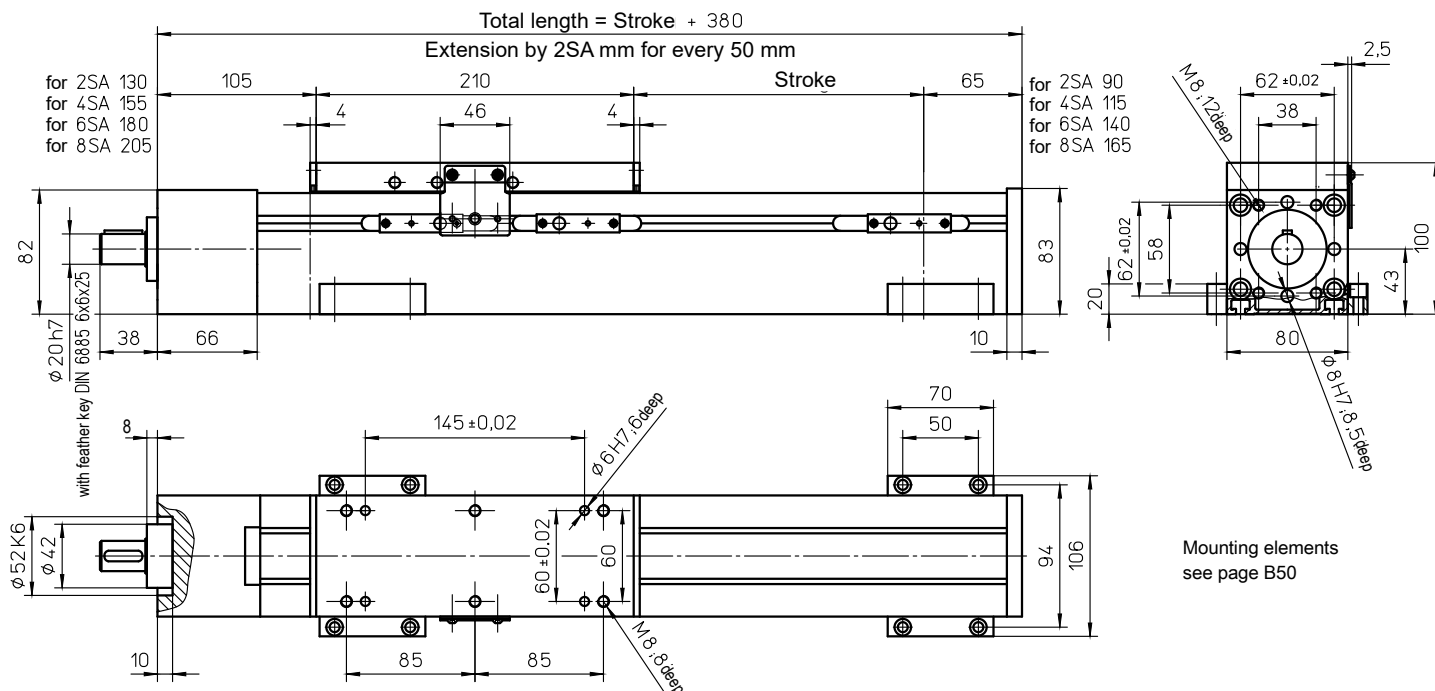


with ball screw (KGT) and sliding guide (SGV)



Mounting elements
see page B50

Weights

SGV

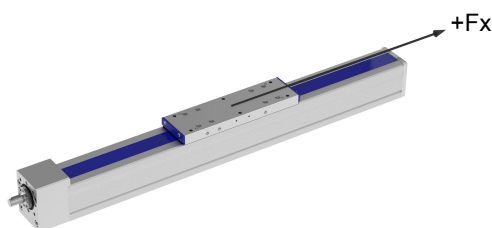
Basic length without stroke:	6.40 kg
100 mm stroke:	0.95 kg
Entire carriage 210 mm:	1.60 kg
Max. total length:	5600 mm
(longer on request)	

Technical Data

SGV

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

Forces and moments



Drive element

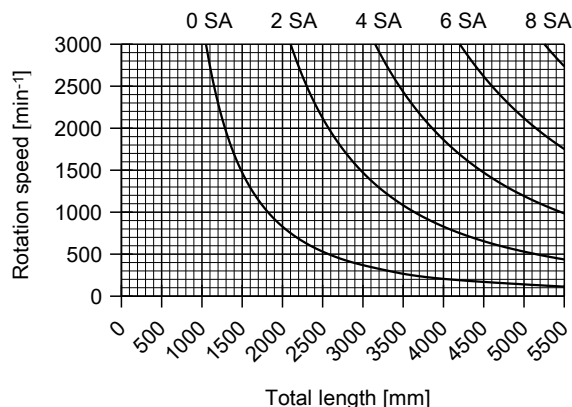
KGT

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)

	SGV
Forces	Dynamic [N]
F _x	6000
F _y	-
F _z	-
-F _z	-
Moments	Dynamic [Nm]
M _x	-
M _y	-
M _z	-

"-" => Must have an external guide.



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