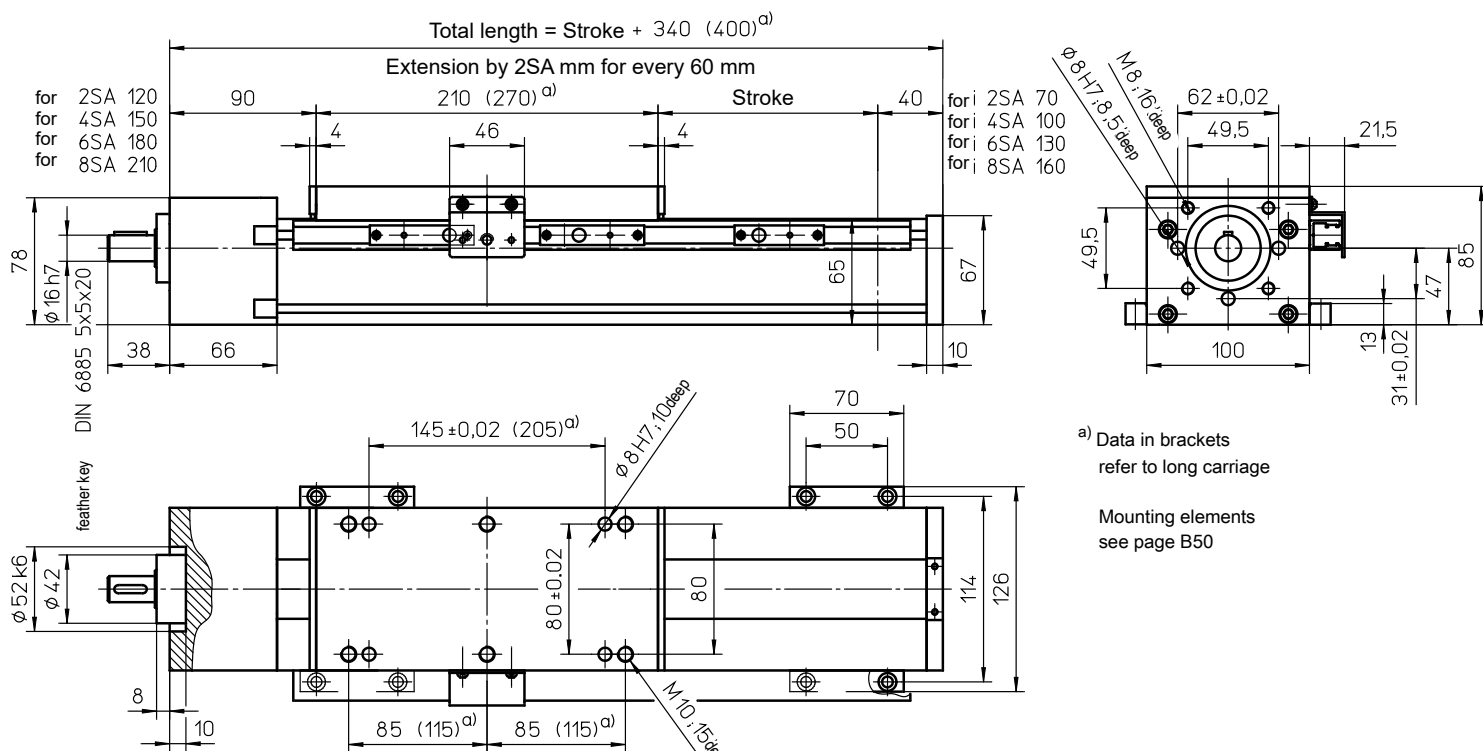


with ball screw (KGT) and double linear guide (SSS)



Weights

SSS

Basic length without stroke:	6.20 kg
100 mm stroke:	0.75 kg
Entire carriage 210 mm:	3.40 kg
Entire carriage 270 mm:	4.00 kg

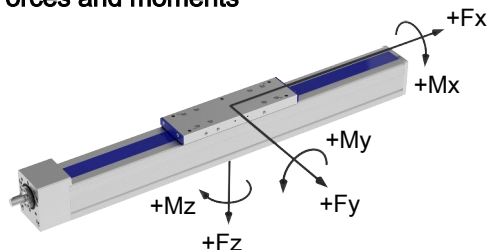
Max. total length: 5600 mm
(longer on request)

Technical Data

SSS

Max. speed:	2.50 m/s
Max. acceleration:	20 m/s ²
Repeat accuracy:	± 0.03 mm (KGT)
Idle torque:	1.30 Nm

Forces and moments



Drive element

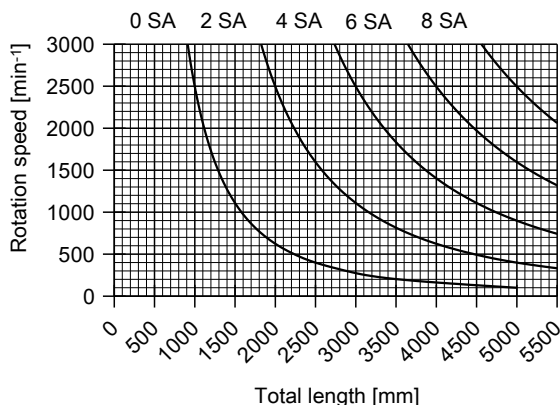
KGT

Max. rotation speed:	3000 min ⁻¹
Diameter:	20 mm
Pitch:	5 / 10 / 20 / 50 mm
Moment of inertia:	8.40 · 10 ⁻⁵ kgm ² /m

Spindle support (SA)

	SSS
Forces	Dynamic [N]
F _x	4000
F _y	1800
F _z	4000
-F _z	3000
Moments	Dynamic [Nm]
M _x	350
M _y	750 (1000)
M _z	750 (1000)

Data in brackets refer to long carriage plate (270)



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