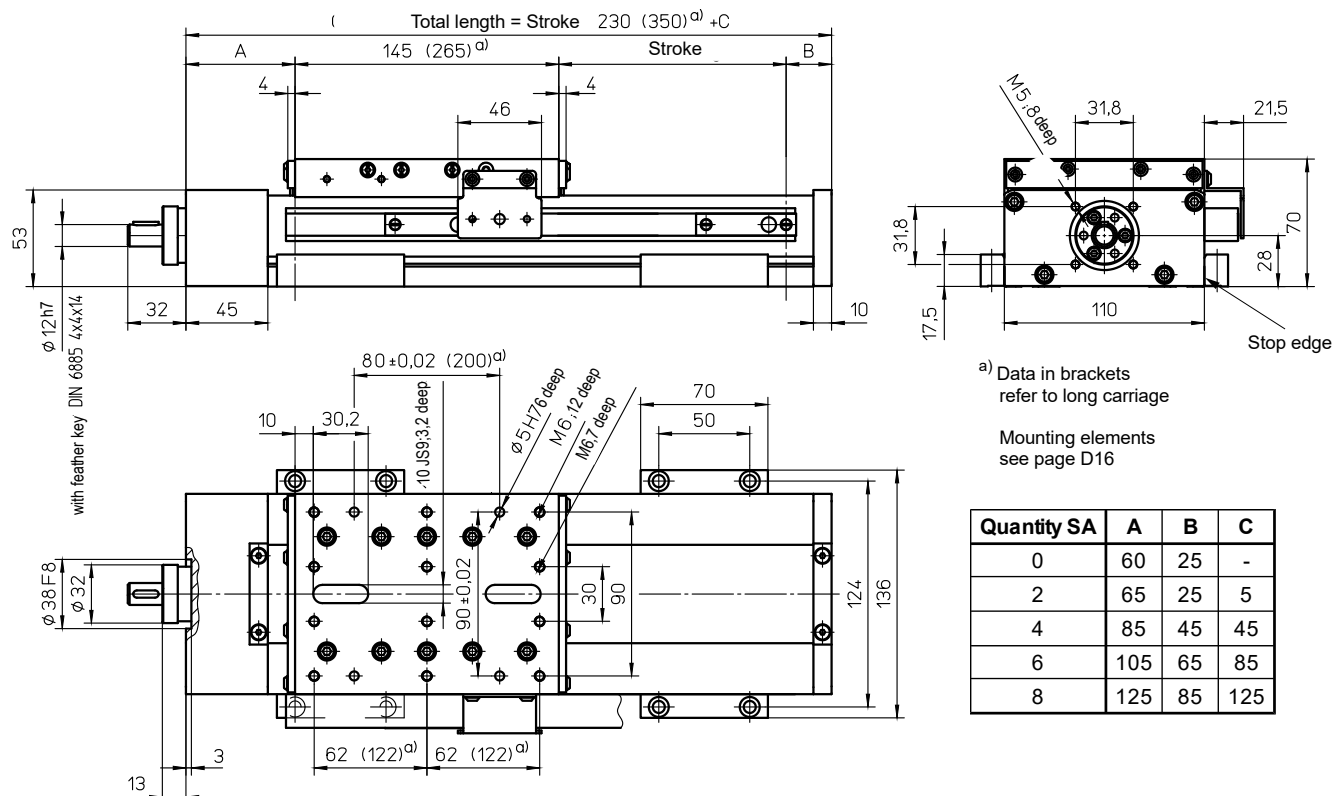


with ball screw (KGT) and double linear guide (SSS)



Quantity SA	A	B	C
0	60	25	-
2	65	25	5
4	85	45	45
6	105	65	85
8	125	85	125

Weights

SSS

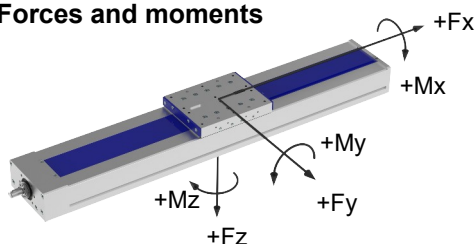
Basic length without stroke:	4.90 kg
100 mm stroke:	0.90 kg
Entire carriage 145 mm:	2.30 kg
Entire carriage 265 mm:	3.25 kg
Max. total length:	5600 mm

Technical Data

SSS

Max. total speed:	2.00 m/s
Max. acceleration:	20 m/s ²
Repeat accuracy:	± 0.03 mm (KGT)
Idle torque:	1.0 Nm

Forces and moments



Drive element

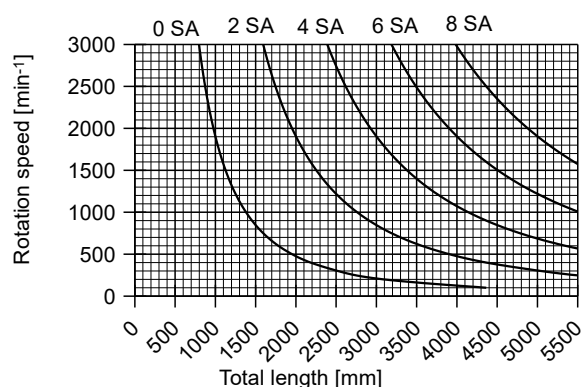
KGT

Max. rotation speed:	3000 min ⁻¹
Diameter:	16 mm
Pitch:	5 / 10 / 20 / 40 mm
Moment of inertia:	3.32 · 10 ⁻⁶ kgm ² /m

Spindle support (SA)

	SSS
Forces	Dynamic [N]
F _x	2000
F _y	1200
F _z	3000
-F _z	1500
Moments	Dynamic [Nm]
M _x	500
M _y	550 (1100)
M _z	550 (1100)

Data in brackets refer to long carriage (265)



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