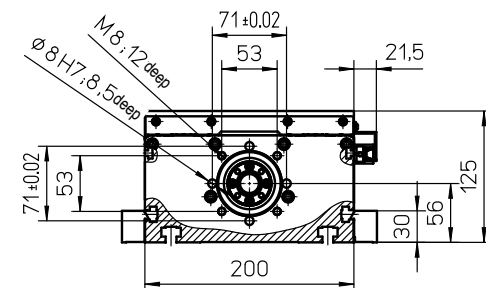
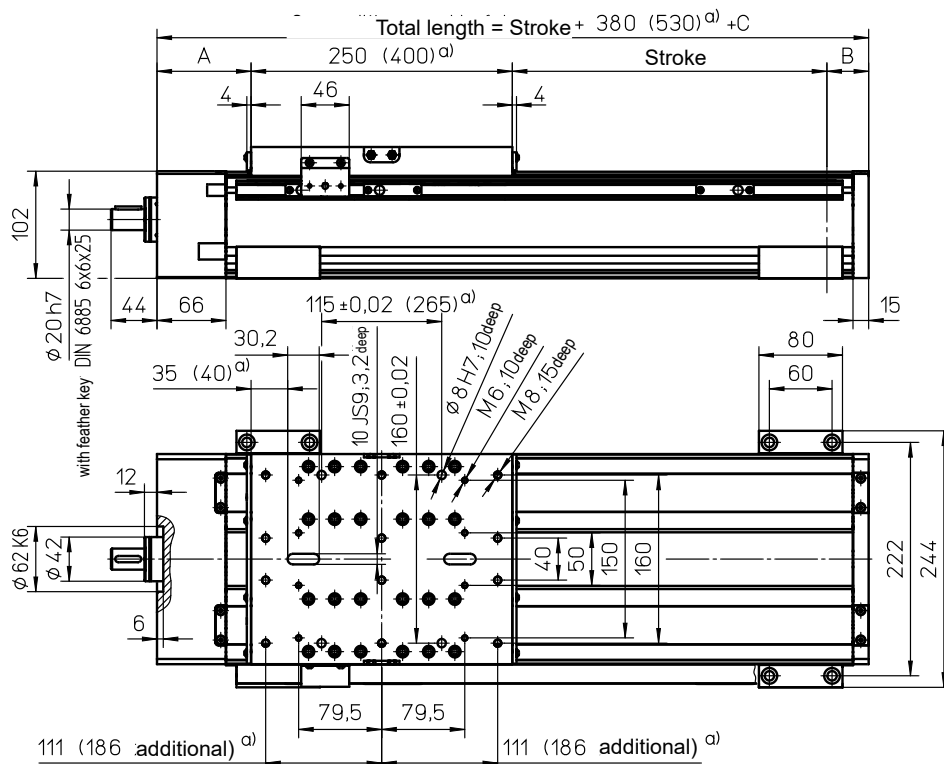


with ball screw (KGT) and double linear guide (SSS)



a) Data in brackets refer to long carriage

Mounting elements see page D16

Quantity SA	Version			MM		
	A	B	C	A	B	C
0	90	40	-	90	40	-
2						

"0 SA" applies for long carriage

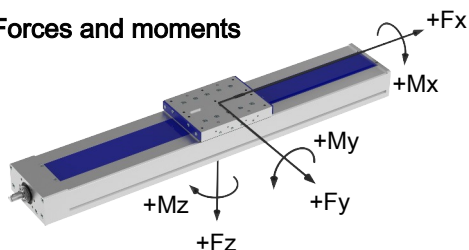
Weights

SSS

Basic length without stroke:	22.00 kg
100 mm stroke:	2.60 kg
Entire carriage 250 mm:	8.40 kg
Entire carriage 400 mm:	11.00 kg

Max. total length: 2000 mm

Forces and moments



SSS	
Forces	Dynamic [N]
F_x	10000 *
F_y	5000
F_z	8000
$-F_z$	5000
Moments	Dynamic [Nm]
M_x	3500
M_y	4300 (6000)
M_z	3200 (4500)

Data in brackets refer to long carriage (400)

* at KGT 3240 and 3260: 8000 N

Technical Data

SSS

Max. total speed:	3.00 m/s
Max. acceleration:	20 m/s ²
Repeat accuracy:	± 0.03 mm (KGT)
Idle torque:	2.80 Nm

Drive element

KGT

Max. rotation speed:	3000 min ⁻¹
Diameter:	32 mm
Pitch:	5 / 10 / 20 / 40 / 60 mm
Moment of inertia:	$6.39 \cdot 10^{-4}$ kgm ² /m

Spindle support (SA)

