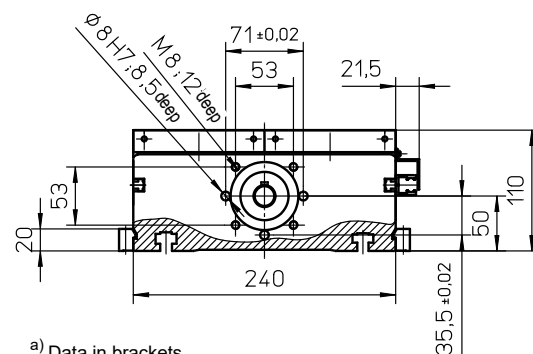
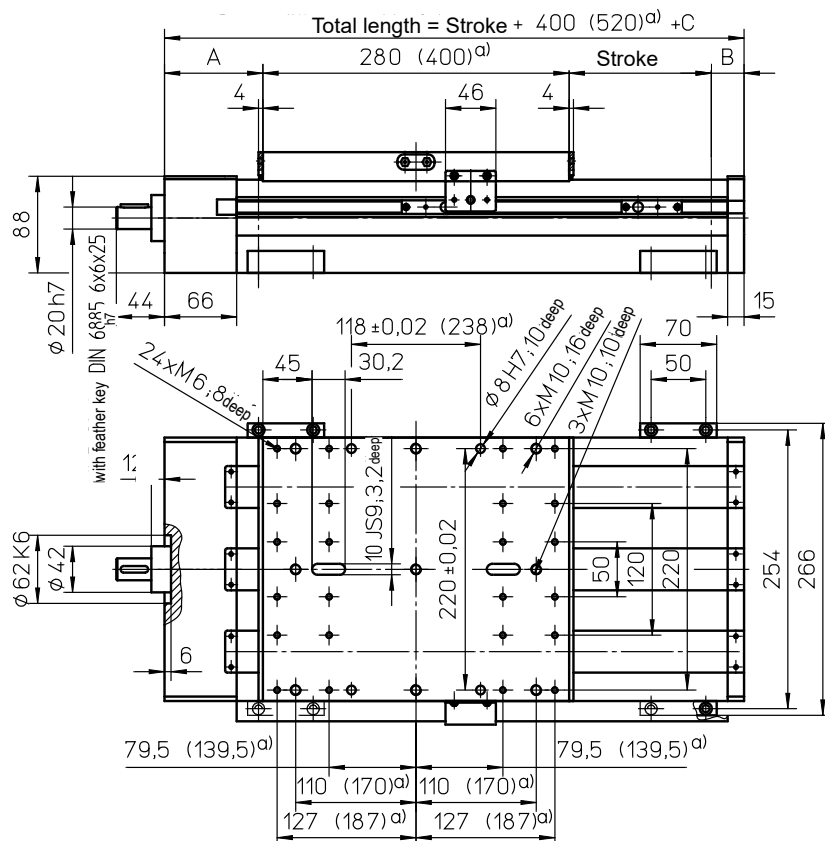


with ball screw (KGT) and double linear guide (SSS)



a) Data in brackets refer to long carriage

Mounting elements see page D16

Quantity SA	Version			Version		
	M			MM		
	A	B	C	A	B	C
0	90	30	-	90	30	-
2	90	30	-	90	30	-
4	130	70	80	130	70	80

"0 SA" applies for long carriage

Weights

SSS

Basic length without stroke:	26.00 kg
100 mm stroke:	3.90 kg
Entire carriage 280 mm:	10.20 kg
Entire carriage 400 mm:	14.60 kg

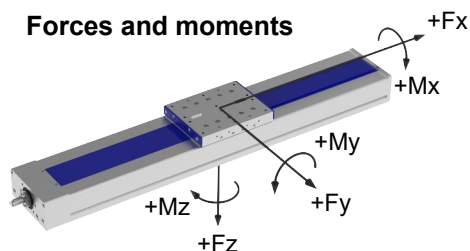
Max. total length: 3000 mm

Technical Data

SSS

Max. total speed:	3.00 m/s
Max. acceleration:	20 m/s ²
Repeat accuracy:	$\pm 0.03 \text{ mm (KGT)}$
Idle torque:	2.80 Nm

Forces and moments



	SSS
Forces	Dynamic [N]
F _x	12000 *
F _y	6000
F _z	12000
-F _z	8000
Moments	Dynamic [Nm]
M _x	4500
M _y	6000 (8500)
M _z	4500 (6400)

Data in brackets refer to long carriage (400)

* at KGT3240 and 3260: 8000 N

Drive element

KGT

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

Spindle support (SA)

