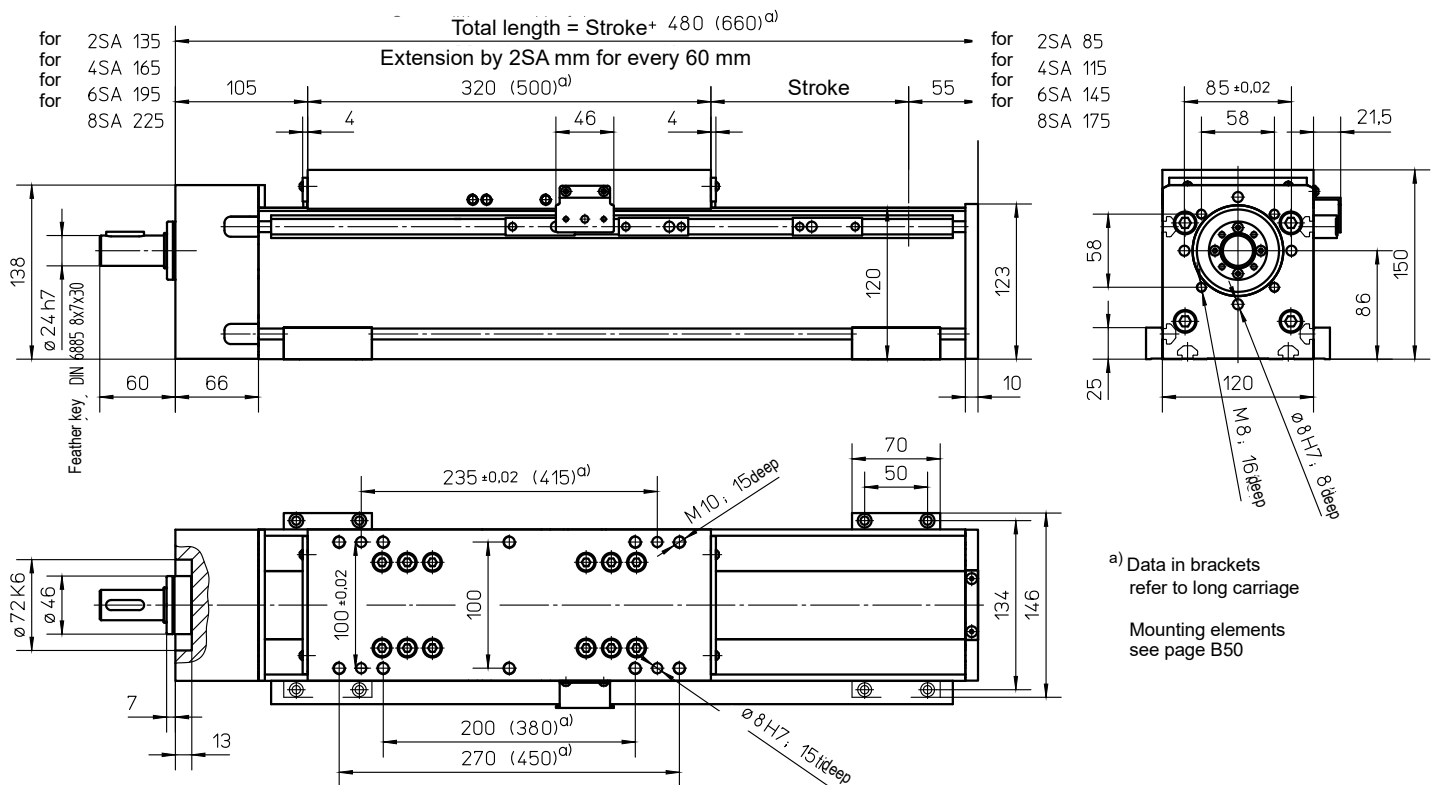


with ball screw (KGT) or rail guide (ZSS)



## Weights

## SSS

Basic length without stroke:	22.00 kg
100 mm stroke:	2.70 kg
Entire carriage 320 mm:	8.00 kg
Entire carriage 500 mm:	12.00 kg

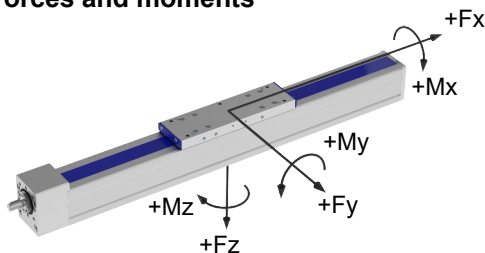
Max. total length:  
(longer on request) 5600 mm

## Technical Data

## SSS

Max. speed:	3.00 m/s
Max. acceleration:	20 m/s <sup>2</sup>
Repeat accuracy:	± 0.03 mm (KGT)
Idle torque:	2.00 Nm

## Forces and moments



	SSS
Forces	Dynamic [N]
F <sub>x</sub>	12000 *
F <sub>y</sub>	4000
F <sub>z</sub>	12000
-F <sub>z</sub>	6000
Moments	Dynamic [Nm]
M <sub>x</sub>	600
M <sub>y</sub>	1500 (2800)
M <sub>z</sub>	1000 (1800)

Data in brackets refer to long carriage plate (500)

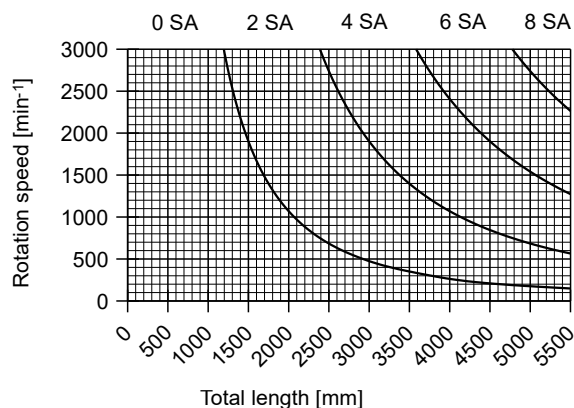
\* at KGT3240 and 3260: 8000 N

## Drive element

## KGT

Max. rotation speed:	3000 min <sup>-1</sup>
Diameter:	32 mm
Pitch:	5 / 10 / 20 / 40 / 60 mm
Moment of inertia:	6.39 · 10 <sup>-4</sup> kgm <sup>2</sup> /m

## Spindle support (SA)



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

Version with double nut ("MM") only available with long carriage (500 mm) and pitch "5", "10" or "20".