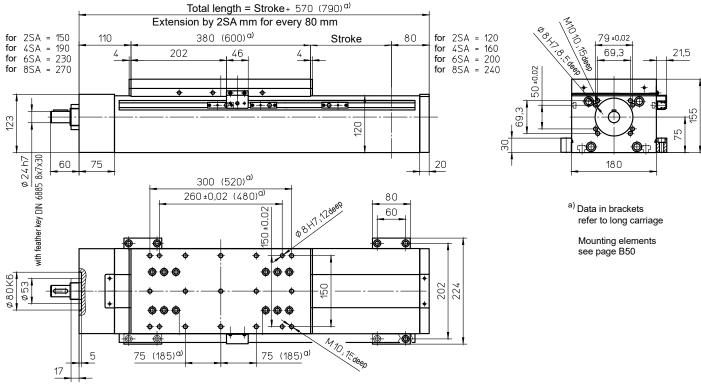
with ball screw (KGT) and double linear guide (SSS)



WeightsSSSBasic length without stroke:37.00 kg100 mm stroke:3.00 kgEntire carriage drive 380 mm:14.30 kgEntire carriage drive 600 mm:15.40 kg

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

Forces and moments +Fx +Mx +Hy

	SSS
Forces	Dynamic [N]
F _x ^{d)}	12000 *
F _Y	8000
Fz	15000
-Fz	8000
Moments	Dynamic [Nm]
Mx	1800
M _Y	3600 (4800)
Mz	1800 (2400)

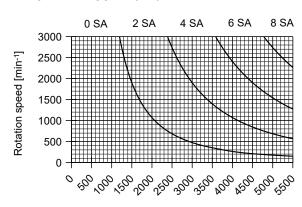
Data in brackets refer to long carriage plate (600)

SSS

 $\begin{array}{ll} \text{Max. total speed:} & 3.00 \text{ m/s} \\ \text{Max. acceleration:} & 20 \text{ m/s}^2 \\ \text{Repeat accuracy:} & \pm 0.03 \text{ mm (KGT)} \\ \text{Idle torque:} & 2.50 \text{ Nm} \end{array}$

Drive element	KGT
Max. rotation speed:	3000 min ⁻¹
Diameter:	32 mm
Pitch:	5 / 10 / 20 / 40 / 60 mm
Moment of inertia:	6.39 ·10 ⁻⁴ kgm ² /m

Spindle support (SA)



Total length [mm]

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

^{*} at KGT 3240 and 3260: 8000 N