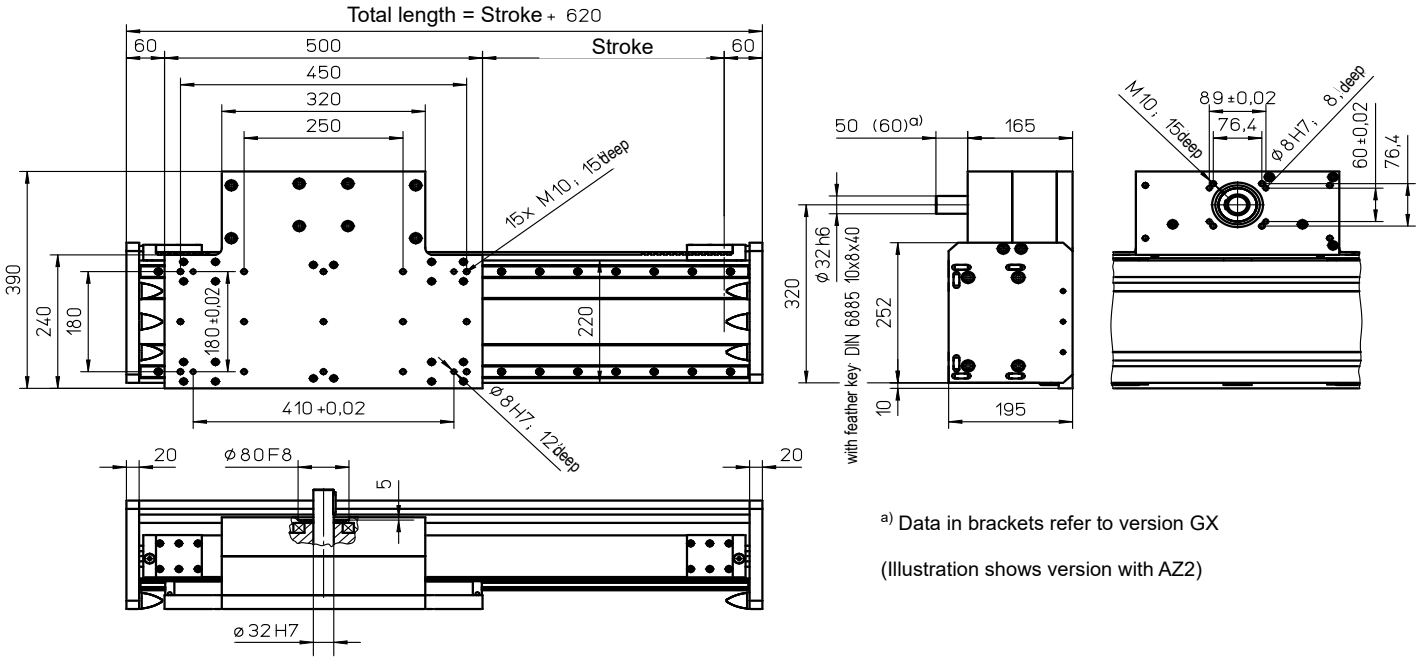
with toothed belt drive and double linear guide (ASS)



a) Data in brackets refer to version GX

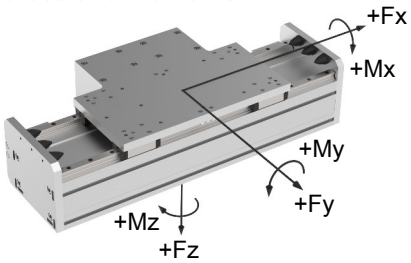
(Illustration shows version with AZ2)

Weights	ASS
Basic length without stroke:	63.90 kg
100 mm stroke:	4.10 kg
Entire carriage 500 mm:	31.70 kg
Max. total length: (longer on request)	8020 mm

Technical Data	ASS
Max. speed:	5.00 m/s
Max. acceleration:	60 m/s²
Repeat accuracy:	± 0.08 mm
Idle torque:	8.83 Nm
Moment of inertia: *	3.75 •10 $^{-2}$ kgm²
Drive element:	Toothed belt **75 AT10-E**
Stroke per revolution:	320 mm

* (entire carriage traverses)

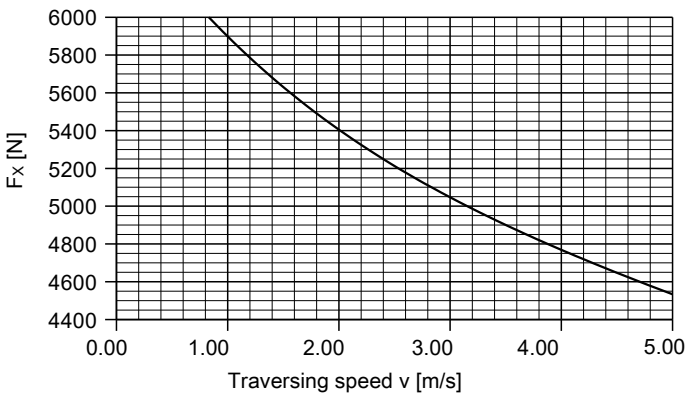
Forces and moments



	ASS
Forces	Dynamic [N]
F_x c)	6000
F_Y	12000
F_z	20000
Moments	Dynamic [Nm]
M_x	2500
M_Y	12000
M_z	10000

c) Maximum value (see diagram "F_X-v-Diagram")

F_X - v - Diagram



Note:
Only insert linear drive with drive housing facing upwards if you have a horizontal installation position.