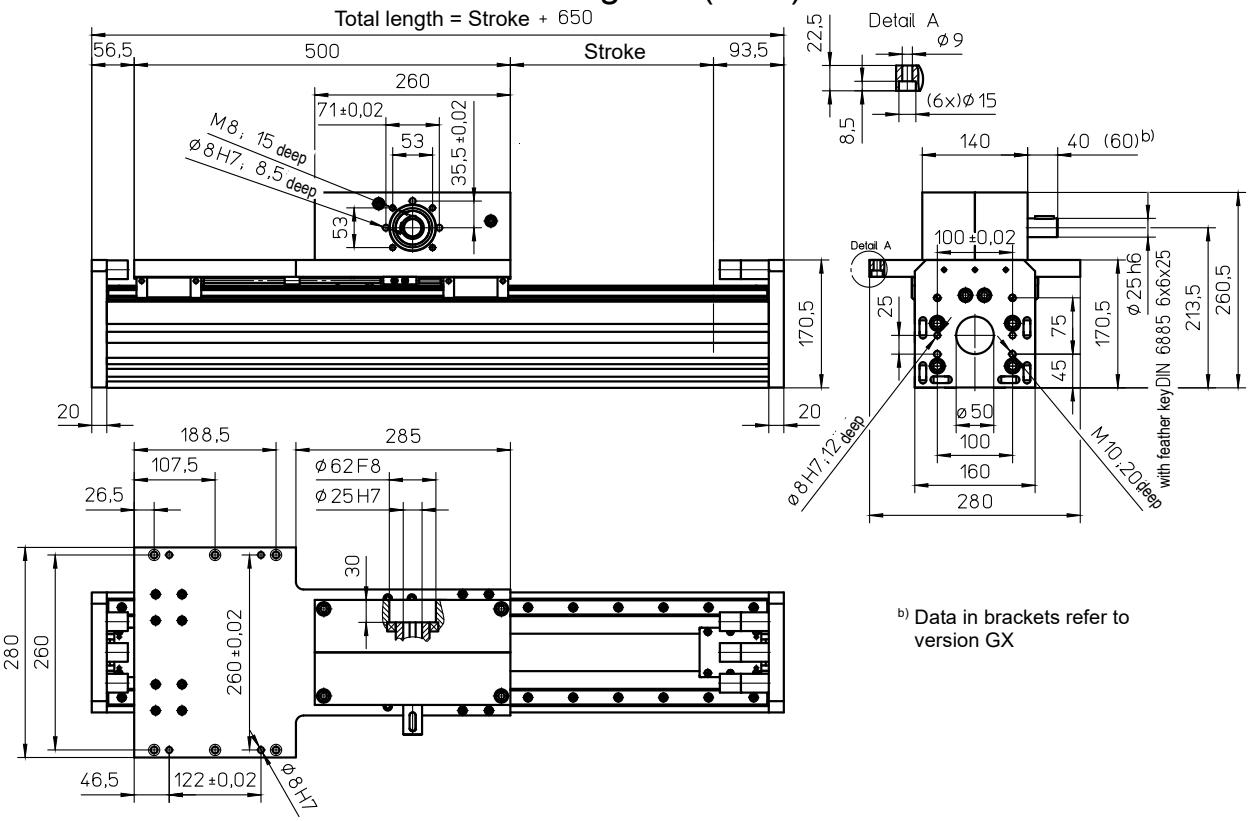
with toothed belt drive and double linear guide (ASH)



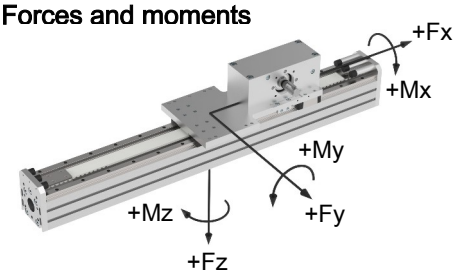
b) Data in brackets refer to version GX

Weights	ASH
Basic length without stroke:	36.50 kg
100 mm stroke:	2.42 kg
Entire carriage 500 mm:	16.60 kg
Max. total length: (longer on request)	8000 mm

Technical Data	ASH
Max. speed:	5.00 m/s
Max. acceleration:	60 m/s²
Repeat accuracy:	± 0.08 mm
Idle torque:	4.00 Nm
Moment of inertia:*	2.57 •10^{-2} kgm²
Drive element:	Toothed belt **50 AT10-E**
Stroke per revolution:	240 mm

* (entire carriage traverses)

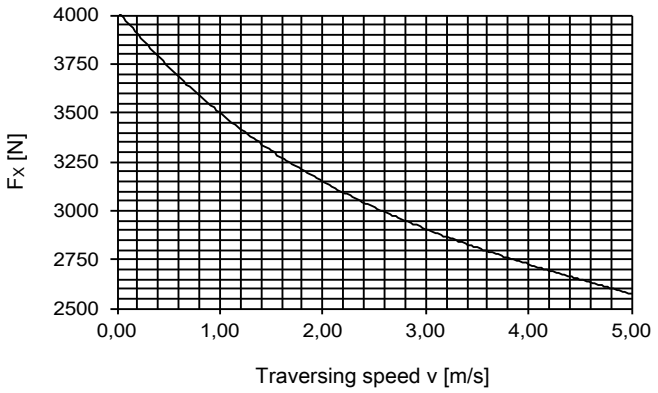
Forces and moments



	ASH
Forces	Dynamic [N]
F_x c)	4000
F_Y	10000
F_z	16000
Moments	Dynamic [Nm]
M_x	1800
M_Y	8000
M_z	7000

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

F_X - v - Diagram



Release: 28.07.2025