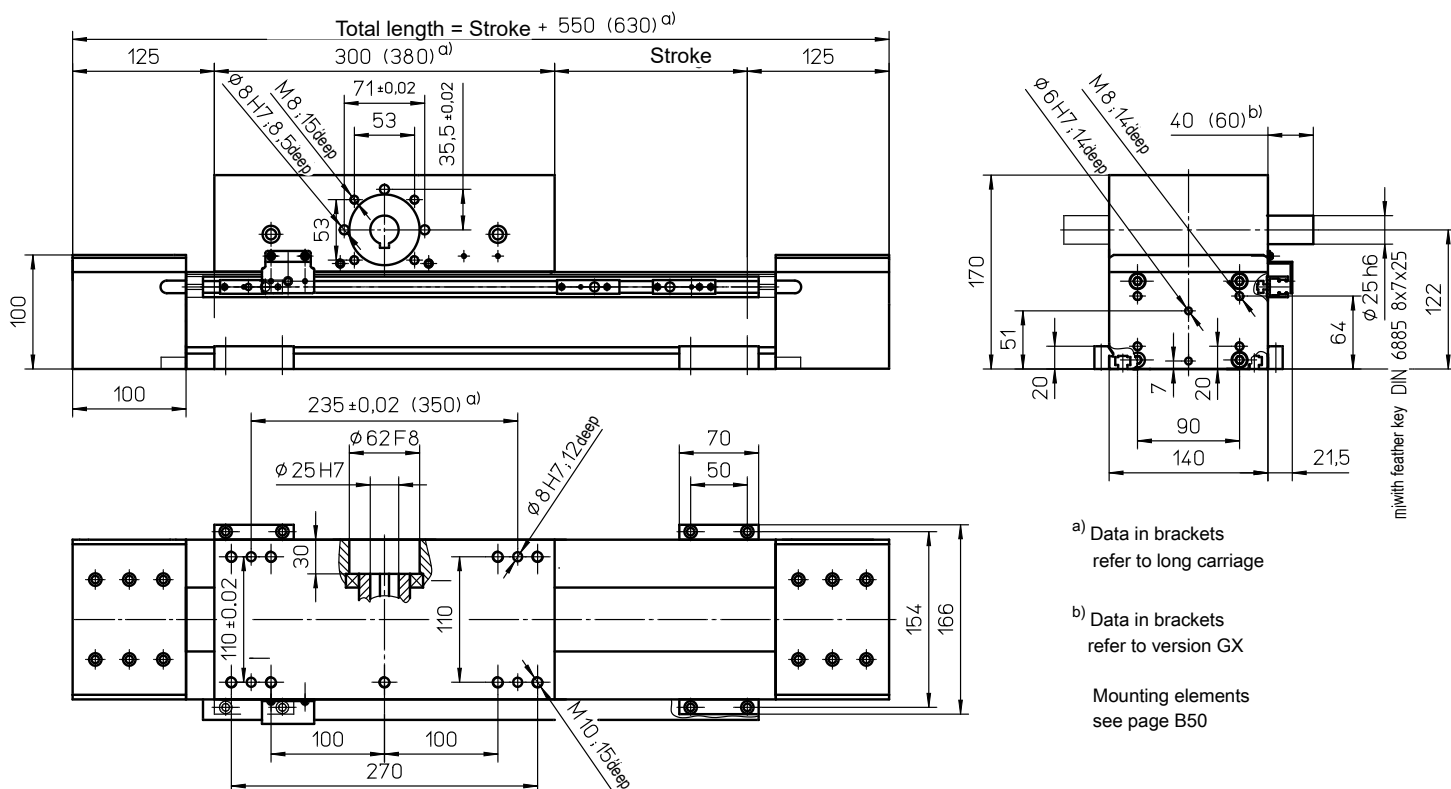


with toothed belt drive and double linear guide (ASS)



a) Data in brackets refer to long carriage

b) Data in brackets refer to version GX

Mounting elements see page B50

Weights

ASS

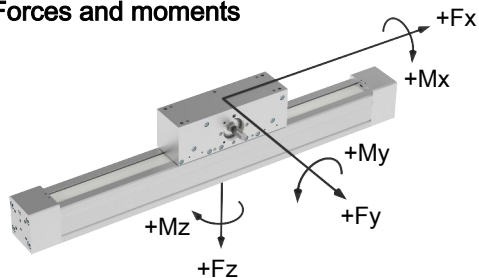
Basic length without stroke:	30.00 kg
100 mm stroke:	1.50 kg
Carriage drive 300 mm:	11.70 kg
Carriage drive 380 mm:	14.00 kg
Max. total length: (longer on request)	8100 mm

Technical Data

ASS

Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	3.50 Nm
Moment of inertia:	3.70 • 10 ⁻² kgm ²
Drive element:	Toothed belt 50 AT10-E
Stroke per revolution:	240 mm

Forces and moments



	ASS
Forces	Dynamic [N]
F_x^{d)}	2500
F_y	3200
F_z	7500
-F_z	5000
Moments	Dynamic [Nm]
M_x	600
M_y	1200 (1600)
M_z	1200 (1600)

^{d)} Maximum value (see diagram "F_x-v-Diagram")
Data in brackets refer to long carriage plate (380)

F_x - v - Diagram

