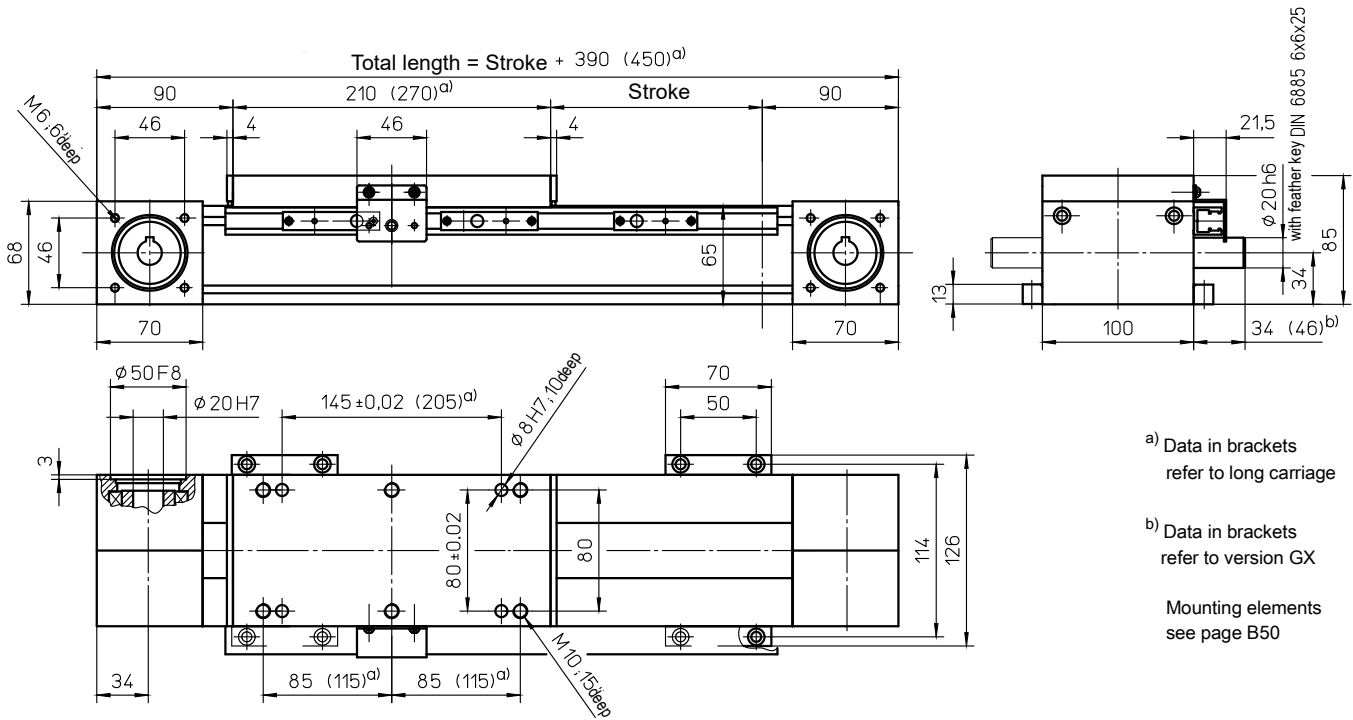


with toothed belt drive and double linear guide (ZSS)



a) Data in brackets refer to long carriage

b) Data in brackets refer to version GX

Mounting elements see page B50

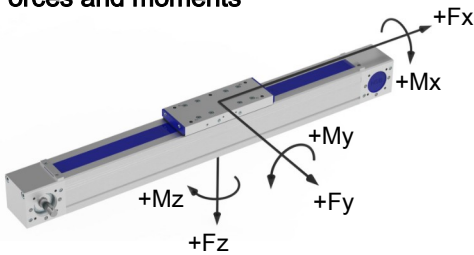
Weights ZSS

Basic length without stroke:	6.80 kg
100 mm stroke:	0.75 kg
Entire carriage 210 mm:	3.50 kg
Entire carriage 270 mm:	4.10 kg
Max. total length: (longer on request)	8100 mm

Technical Data ZSS

Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	5.00 Nm
Moment of inertia:	2.80 · 10 ⁻³ kgm ²
Drive element:	Toothed belt 40 AT10-E
Stroke per revolution:	160 mm

Forces and moments



ZSS	
Forces	Dynamic [N]
F _x ^{d)}	1500
F _y	1800
F _z	4000
-F _z	3000
Moments	Dynamic [Nm]
M _x	350
M _y	750 (1000)
M _z	750 (1000)

^{d)} Maximum value (see diagram "F_x-v-Diagram")
Data in brackets refer to long carriage-v-plate (270)

F_x - v - Diagram

