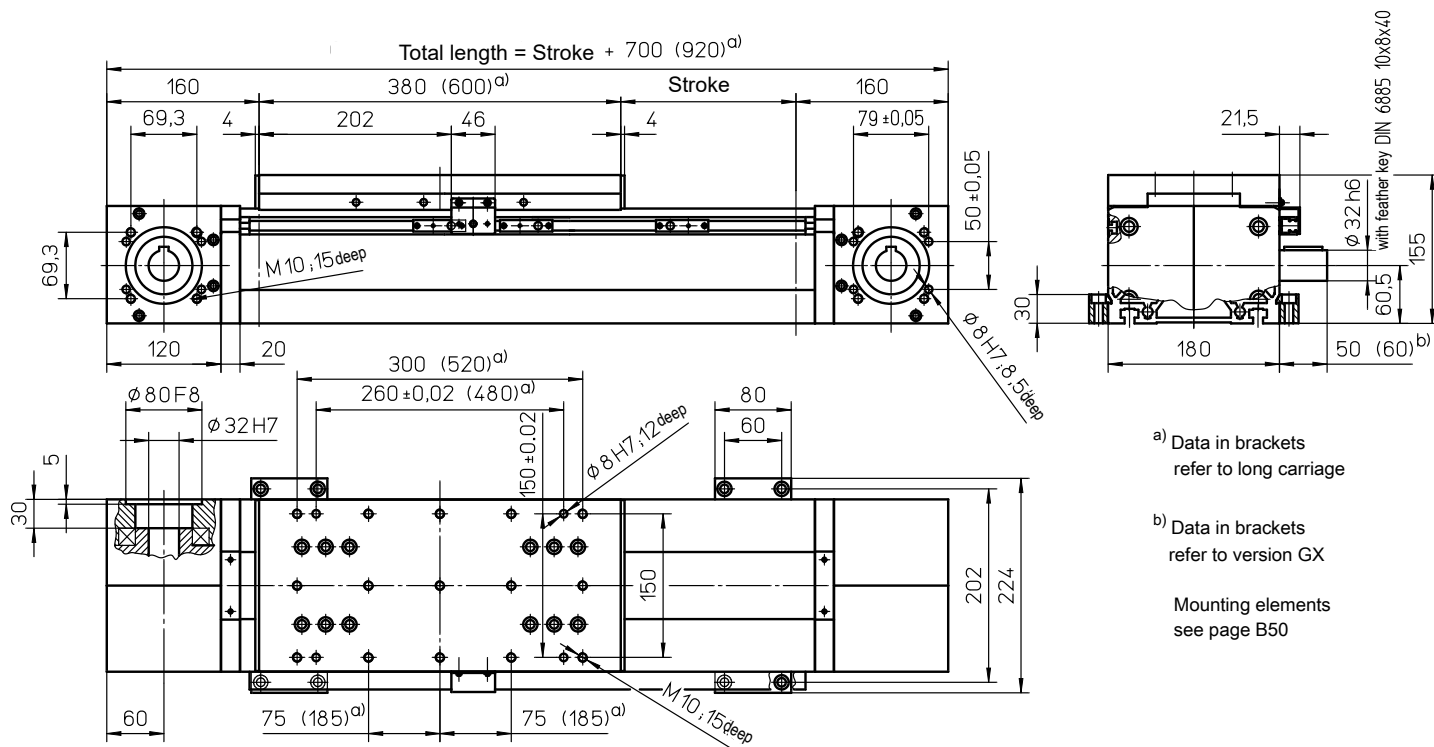


with toothed belt drive and double linear guide (ZSS)



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:	39.70 kg
100 mm stroke:	2.60 kg
Entire carriage 380 mm:	14.65 kg
Entire carriage 600 mm:	15.75 kg

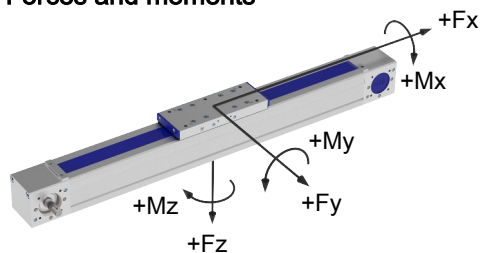
Max. total length: 6200 mm
(longer on request)

Technical Data

ZSS

Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	8.00 Nm
Moment of inertia:	4.65 • 10 ⁻² kgm ²
Drive element:	Toothed belt 75 AT10
Stroke per revolution:	320 mm

Forces and moments



Forces	ZSS Dynamic [N]
$F_x^{d)}$	6000
F_y	8000
F_z	15000
$-F_z$	8000
Moments	ZSS Dynamic [Nm]
M_x	1800
M_y	3600 (4800)
M_z	1800 (2400)

^{d)} Maximum value (see diagram "F_x-v-Diagram")

Data in brackets refer to long carriage plate (600)

F_x - v - Diagram

