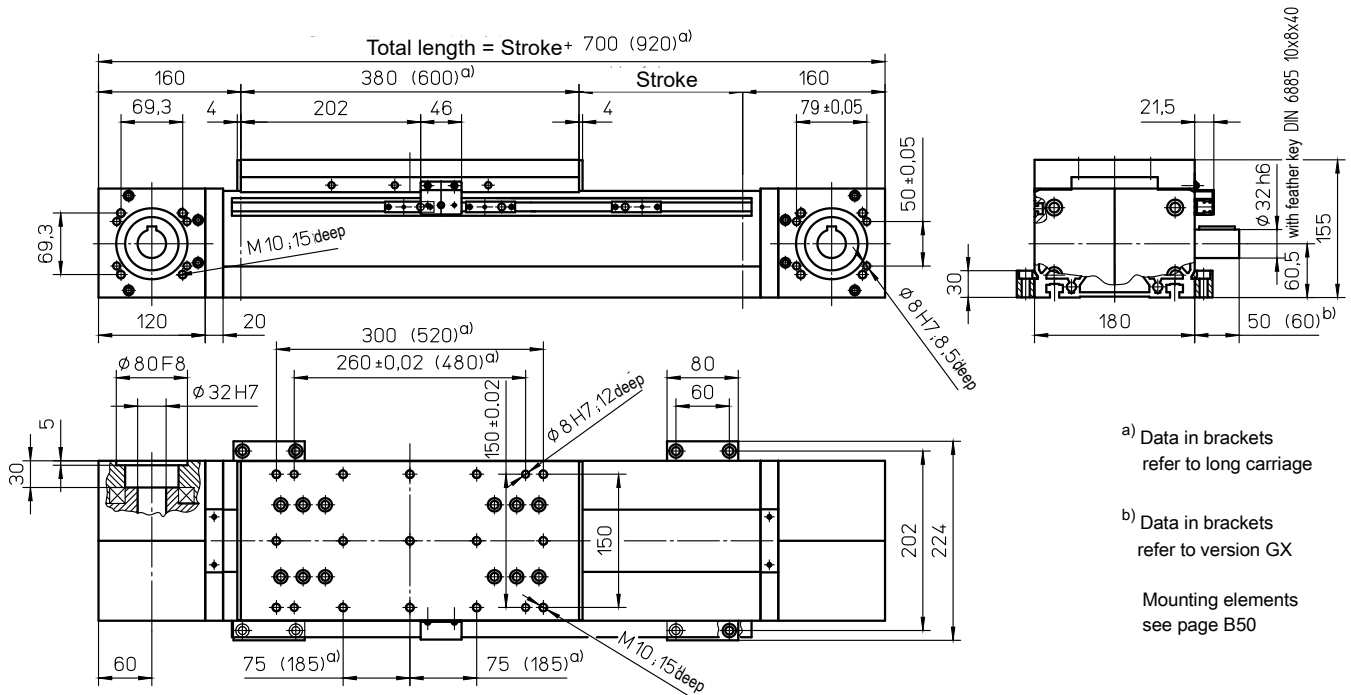


with toothed belt drive and double linear guide (ZSS)



a) Data in brackets refer to long carriage

b) Data in brackets refer to version GX

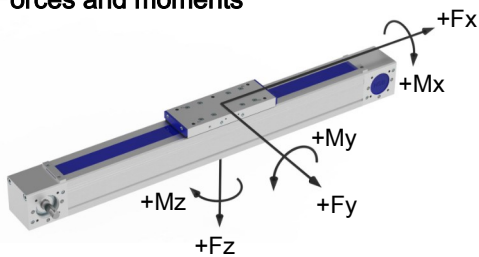
Mounting elements see page B50

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)

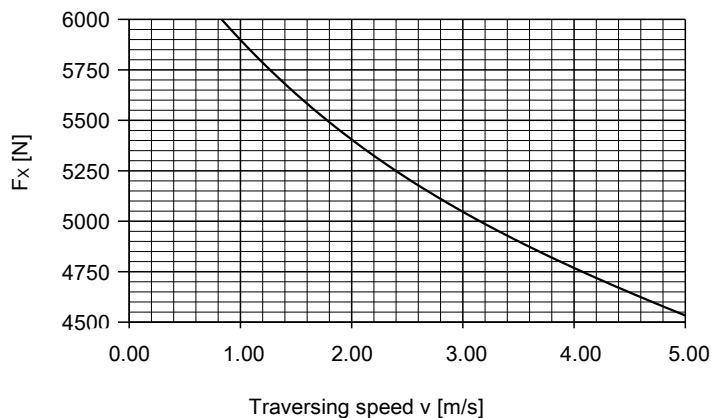
Forces and moments



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

F_x - v - Diagram



ZSS	
Forces	Dynamic [N]
F _x ^{d)}	6000
F _y	8000
F _z	15000
-F _z	8000
Moments	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)