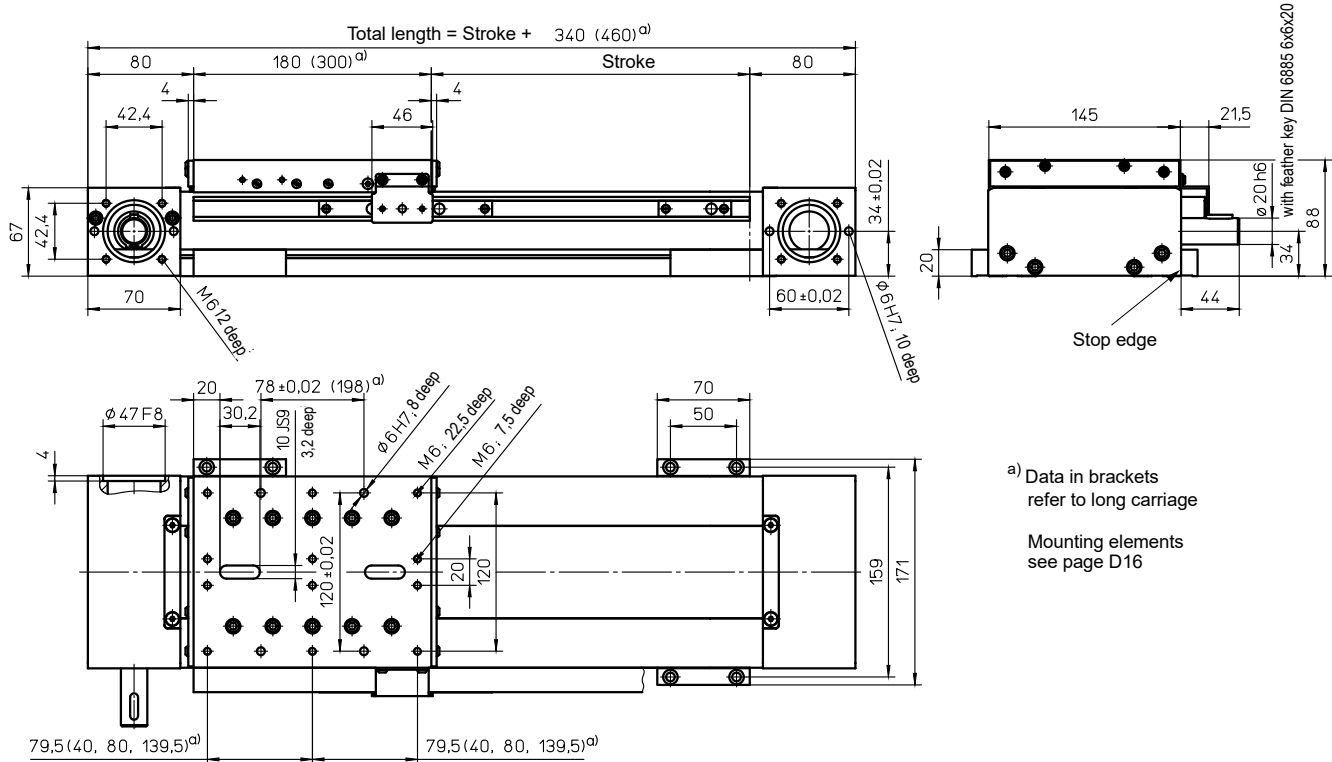


with toothed belt drive and double linear guide (ZSS)



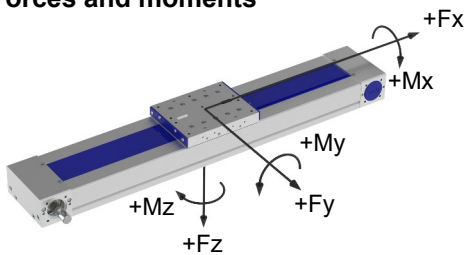
Weights ZSS

Basic length without stroke	10.40 kg
100 mm stroke:	1.30 kg
Entire carriage 180 mm:	3.90 kg
Entire carriage 300 mm:	5.40 kg
Max. total length:	8100 mm

Technical Data ZSS

Max. total speed:	5.00 m/s
Max. acceleration:	40 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	3.00 Nm
Moment of inertia:	2.85 · 10 ⁻³ kgm ²
Drive element:	Toothed belt 60 AT5-E
Stroke per revolution:	150 mm

Forces and moments



ZSS	
Forces	Dynamic [N]
$F_x^{d)}$	2000
F_y	2500
F_z	5000
$-F_z$	3000
Moments	Dynamic [Nm]
M_x	800
M_y	1000 (1600)
M_z	1000 (1600)

Data in brackets refer to long carriage (300)

Compact module is available in two profile versions:
Stop angle and position of guide support milled = Standard (Delta 145-C-ZSS)
Unmachined = Alternative (Delta 145-C-ZSA)

Fx - v - Diagram

