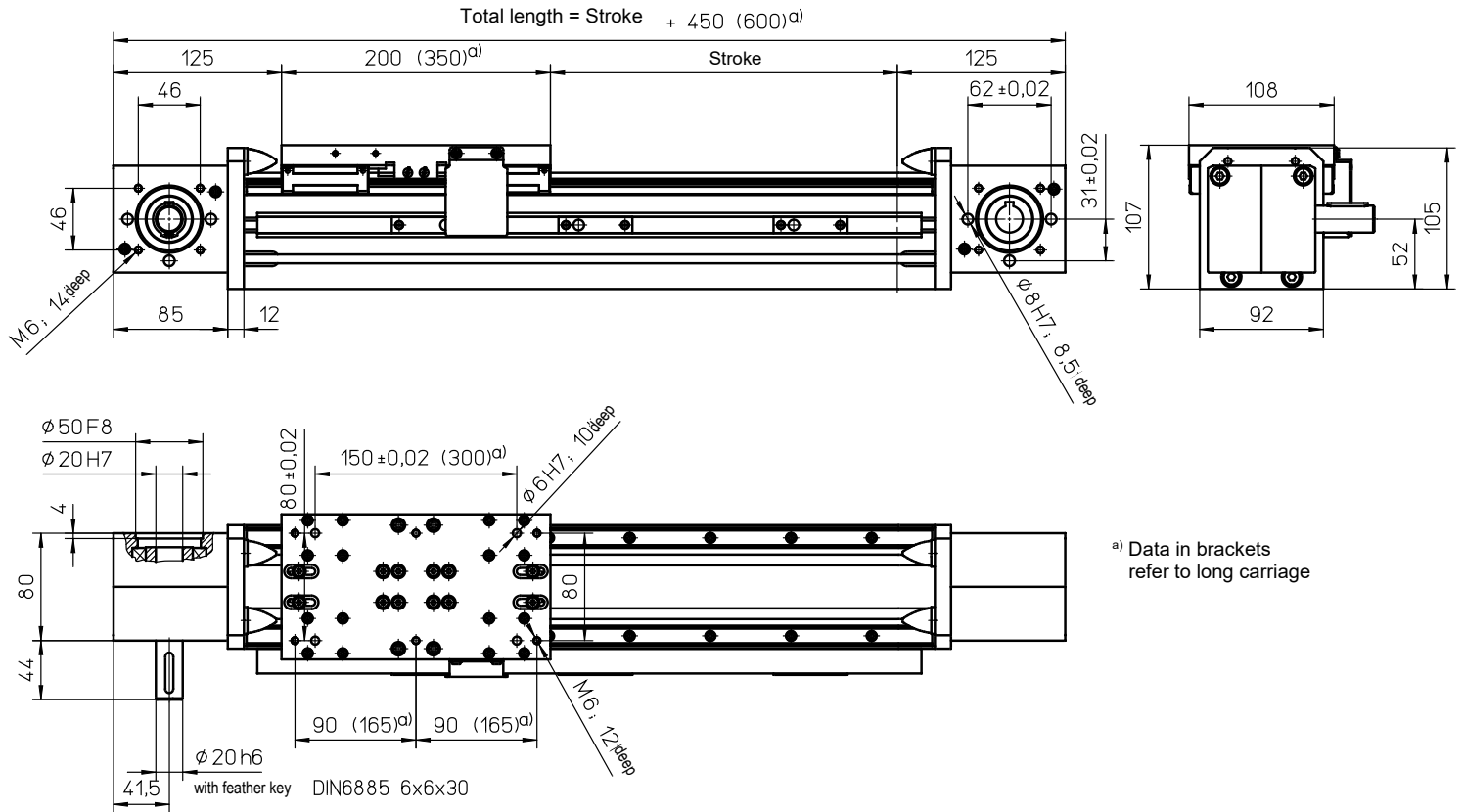


with toothed belt drive and double linear guide (ZSS)



Weights

ZSS

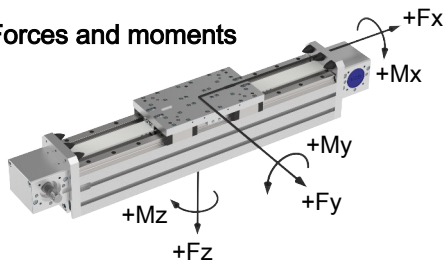
Basic length without stroke:	10.90 kg
100 mm stroke:	1.00 kg
Entire carriage 200 mm:	2.30 kg
Entire carriage 350 mm:	3.00 kg
Max. total length: (longer on request)	8100 mm

Technical Data

ZSS

Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	3.20 Nm
Moment of inertia:	3.15 · 10 ⁻³ kgm ²
Drive element:	toothed belt 32 AT10
Stroke per revolution:	210 mm

Forces and moments



	ZSS
Forces	Dynamic [N]
F_x ^{c)}	2300
F_y	2500
F_z	3000
Moments	dynamic [Nm]
M_x	500
M_y	1200 (2500)
M_z	1000 (2100)

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

Data in brackets refer to long carriage (350)

F_x - v - Diagram

