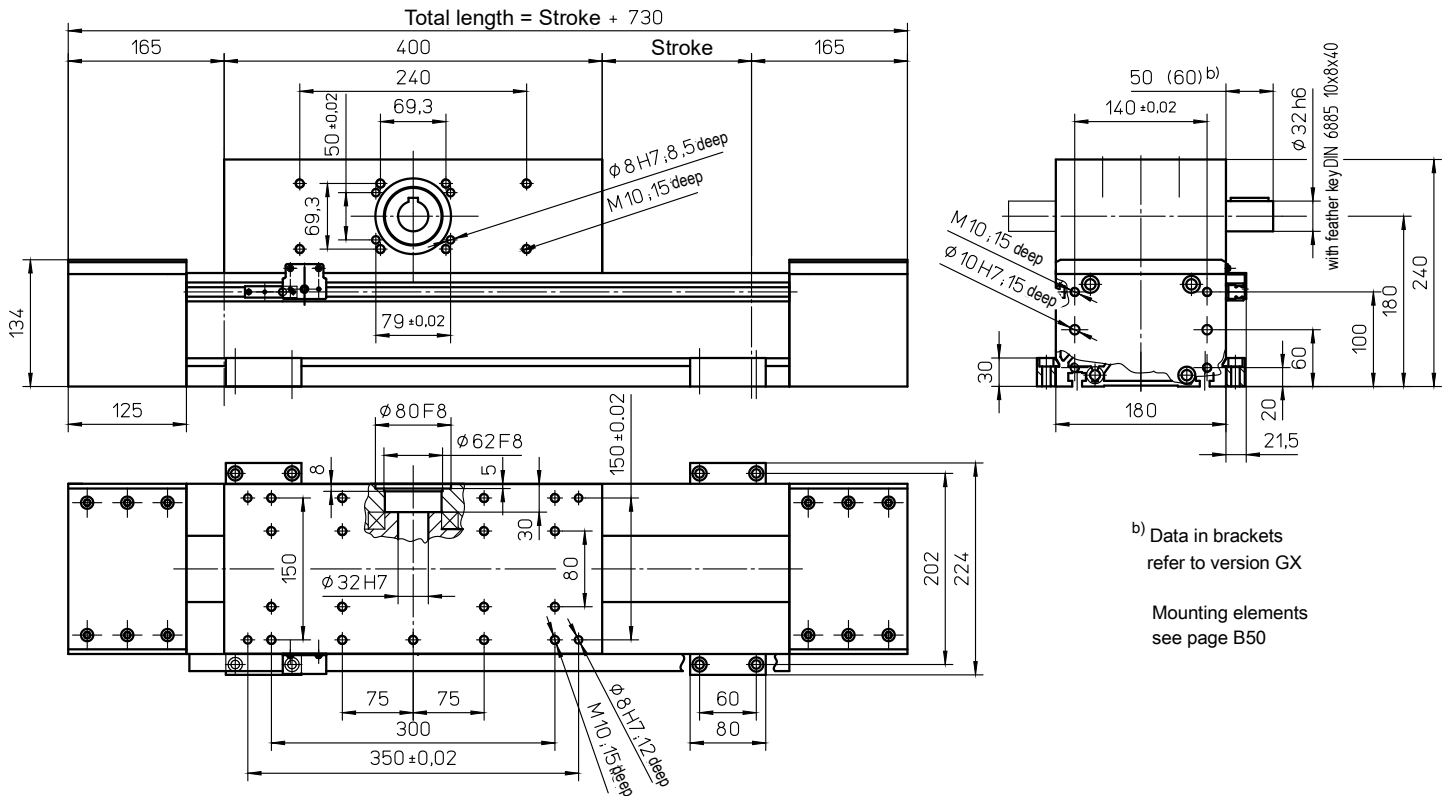


with toothed belt drive and double linear guide (ASS)



Weights

ASS

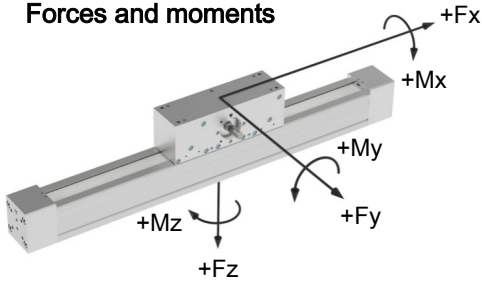
Basic length without stroke:	48.90 kg
100 mm stroke:	2.80 kg
Carriage drive 400 mm:	25.60 kg
Max. total length: (longer on request)	6200 mm

Technical Data

ASS

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:	6.20 · 10 ⁻² kgm ²
Drive element:	Toothed belt 75 AT10
Stroke per revolution:	320 mm

Forces and moments



ASS	
Forces	Dynamic [N]
F_x^{d)}	3500
F_y	6000
F_z	12000
-F_z	6000
Moments	Dynamic [Nm]
M_x	1500
M_y	3000
M_z	1500

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

F_x - v - Diagram

