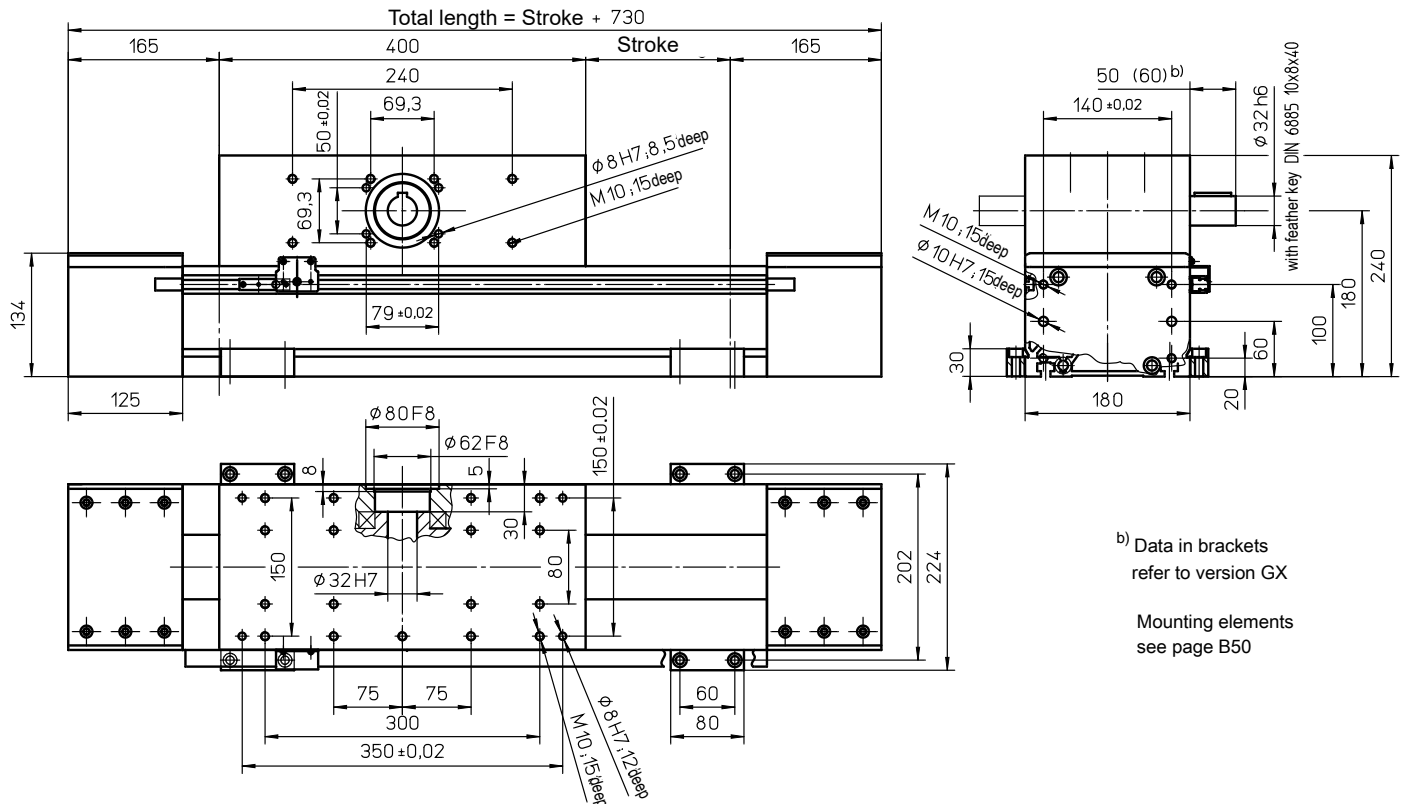


with toothed belt drive and double linear guide (ASS)



b) Data in brackets refer to version GX

Mounting elements see page B50

Weights ASS

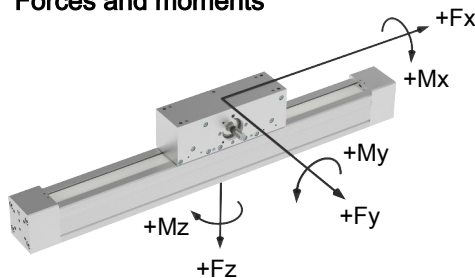
Basic length without stroke:	51.50 kg
100 mm stroke:	3.60 kg
Carriage drive 400 mm:	27.35 kg

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

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:	7.75 • 10 ⁻² kgm ²
Drive element:	Toothed belt 75 AT10
Stroke per revolution:	320 mm

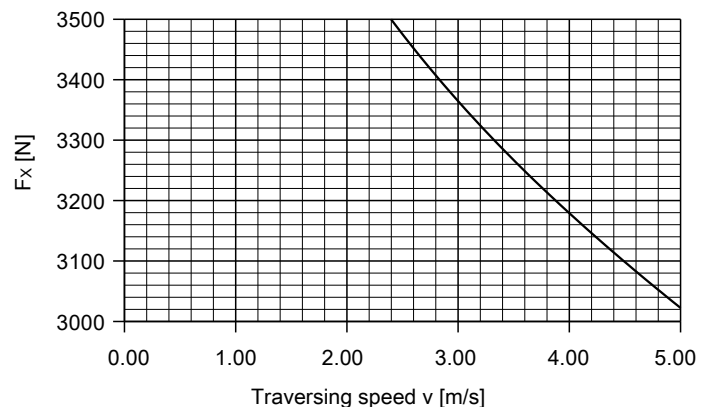
Forces and moments



Forces	ASS Dynamic [N]
$F_x^{d)}$	3500
F_y	8000
F_z	15000
$-F_z$	8000
Moments	ASS Dynamic [Nm]
M_x	1800
M_y	3600 (4800)
M_z	1800 (2400)

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

F_x - v - Diagram



For mechanical linear drives with roller guide, the static load rating "C_{stat}" (page TL 11) applies for static loads.