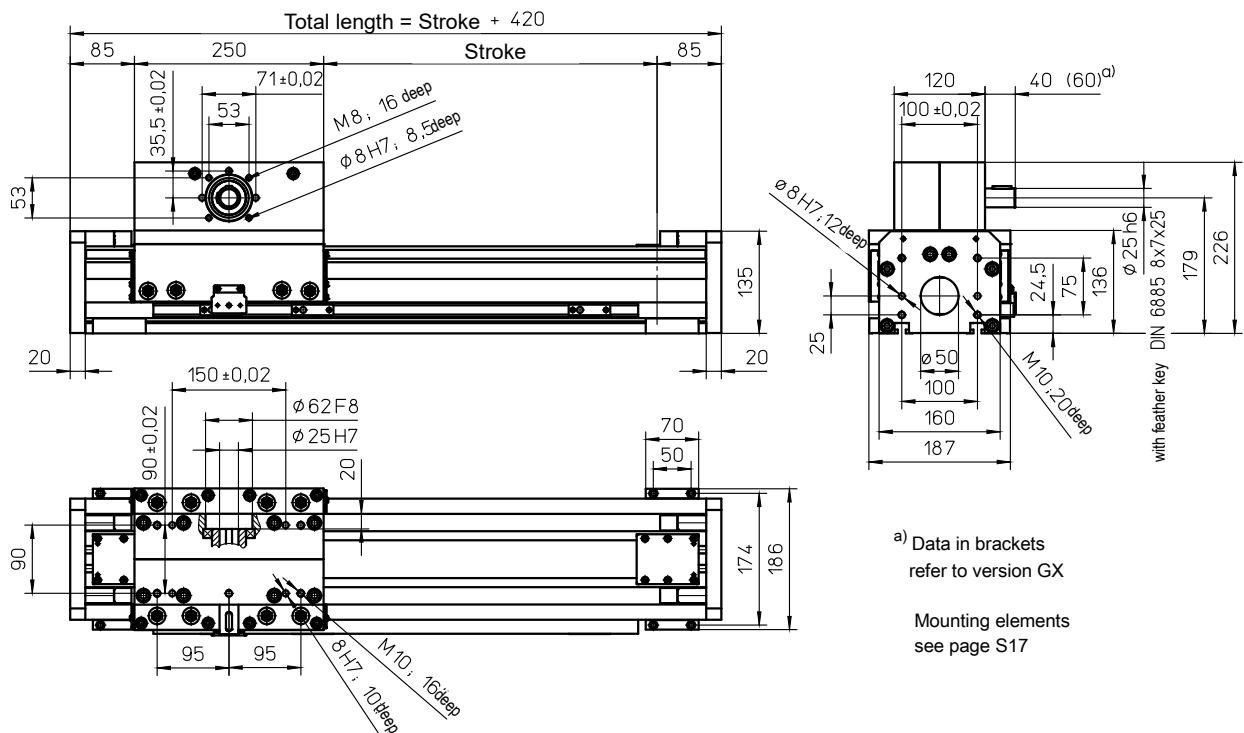


with toothed belt drive and roller guide (ARS)



Weights

ARS

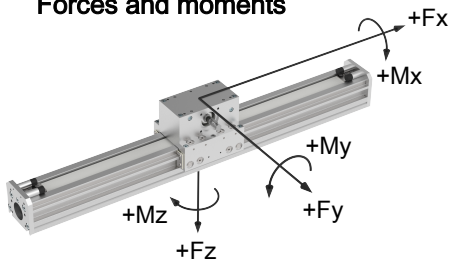
Basic length without stroke:	21.25 kg
100 mm stroke:	1.63 kg
Entire carriage 250 mm:	11.20 kg
Max. total length: (longer on request)	6000 mm

Technical Data

ARS

Max. speed:	8.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	±0.08 mm
Idle torque:	4.20 Nm
Moment of inertia: (rotatory)	1.50 · 10 ⁻³ kgm ²
Drive element:	Toothed belt 50 AT10-E
Stroke per revolution:	240 mm

Forces and moments



ARS	
Forces	Dynamic [N]
$F_x^{c)}$	4000
F_y	4500
F_z	6000
$-F_z$	4000
Moments	Dynamic [Nm]
M_x	500
M_y	700
M_z	700

c) Maximum value (see diagram „Fx-v-Diagram“)

Fx - v - Diagram

