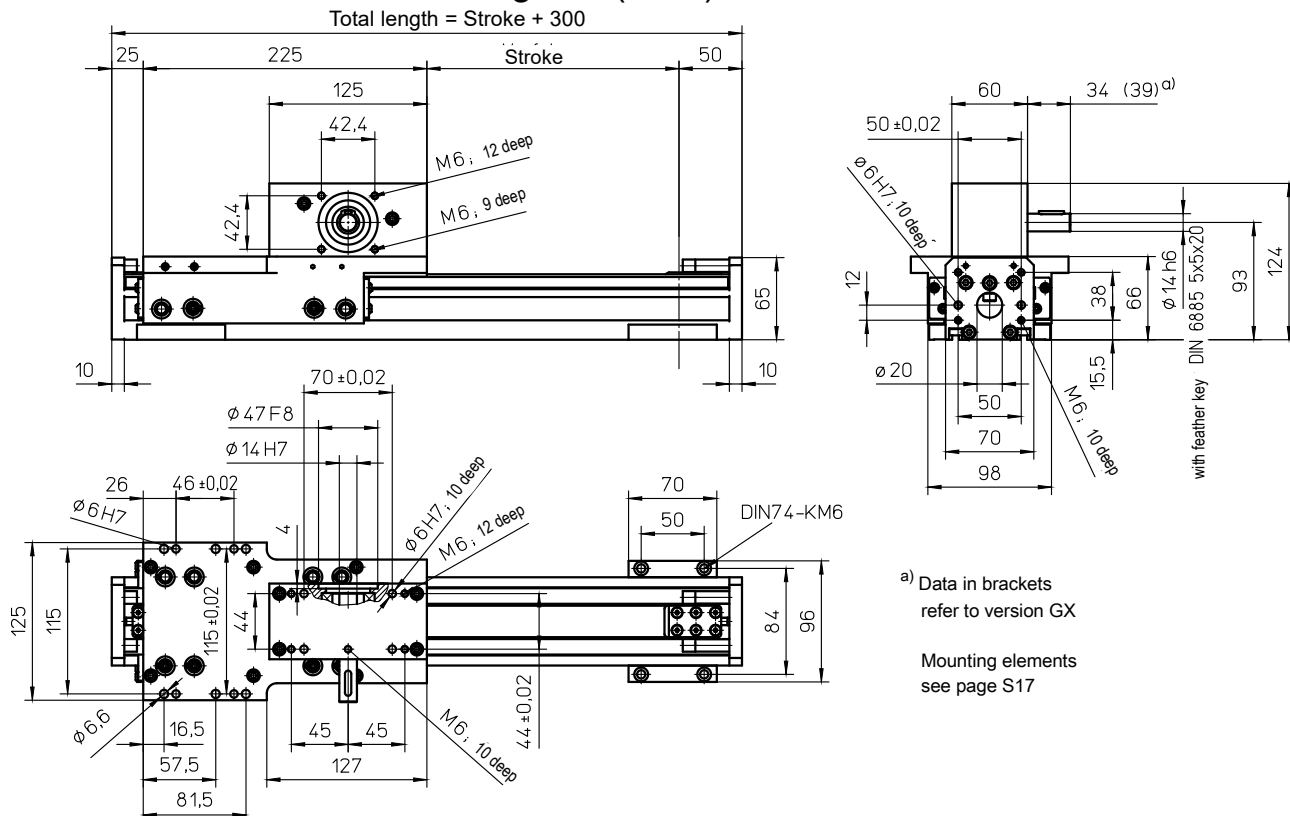


with toothed belt drive and roller guide (ARH)



a) Data in brackets refer to version GX
Mounting elements see page S17

Weights

ARH

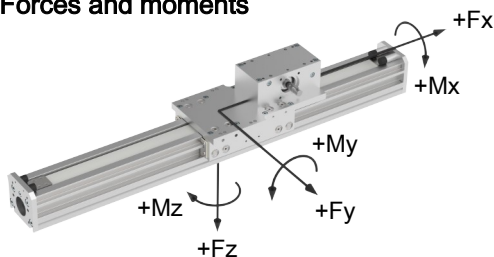
Basic length without stroke:	4.25 kg
100 mm stroke:	0.40 kg
Entire carriage 225 mm:	2.75 kg
Max. total length: (longer on request)	8000 mm

Technical Data

ARH

Max. speed:	6.25 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	0.85 Nm
Moment of inertia: (rotatory)	5.37 · 10 ⁻⁵ kgm ²
Drive element:	Toothed belt 25 AT5-E
Stroke per revolution:	125 mm

Forces and moments



ARH	
Forces	Dynamic [N]
F_x^{b)}	1050
F_y	1350
F_z	1850
-F_z	1200
Moments	Dynamic [Nm]
M_x	50
M_y	120
M_z	110

b) Maximum value (see diagram „FX-v-Diagram“)

FX - v - Diagram

