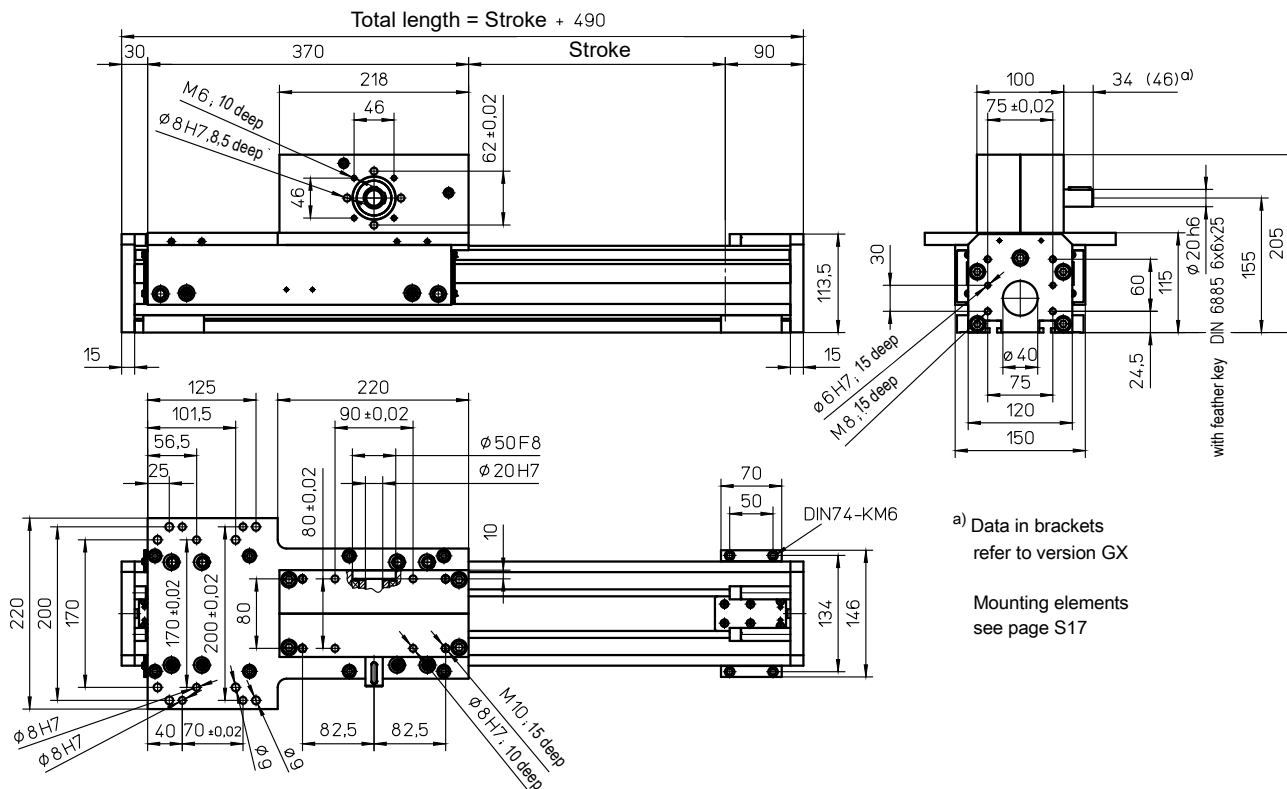


with toothed belt drive and roller guide (ARH)



Weights

ARH

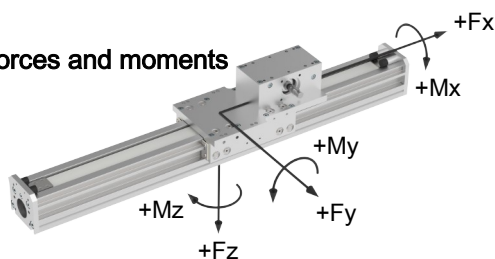
Basic length without stroke:	17.00 kg
100 mm stroke:	1.20 kg
Entire carriage 370 mm:	9.90 kg
Max. total length: (longer on request)	8000 mm

Technical Data

ARH

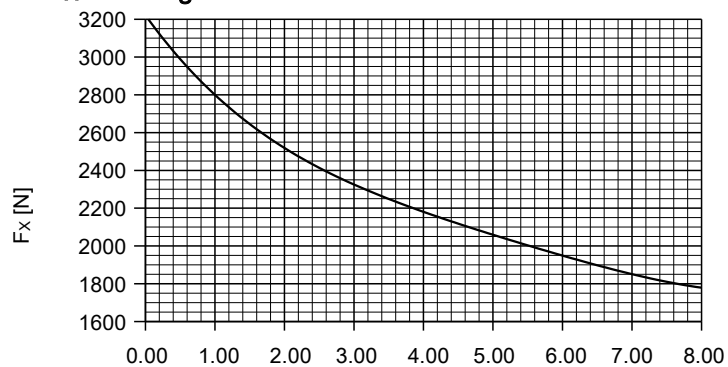
Max. speed:	8.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	±0.08 mm
Idle torque:	3.80 Nm
Moment of inertia: (rotatory)	7.90 · 10 ⁻⁴ kgm ²
Drive element:	Toothed belt 40 AT10-E
Stroke per revolution:	240 mm

Forces and moments



ARH	
Forces	Dynamic [N]
F_x^{b)}	3200
F_y	2300
F_z	3000
-F_z	1800
Moments	Dynamic [Nm]
M_x	170
M_y	400
M_z	400

F_x - v - Diagram



^{b)} Maximum value (see diagram „F_x-v-Diagram“)

Traversing speed v [m/s]