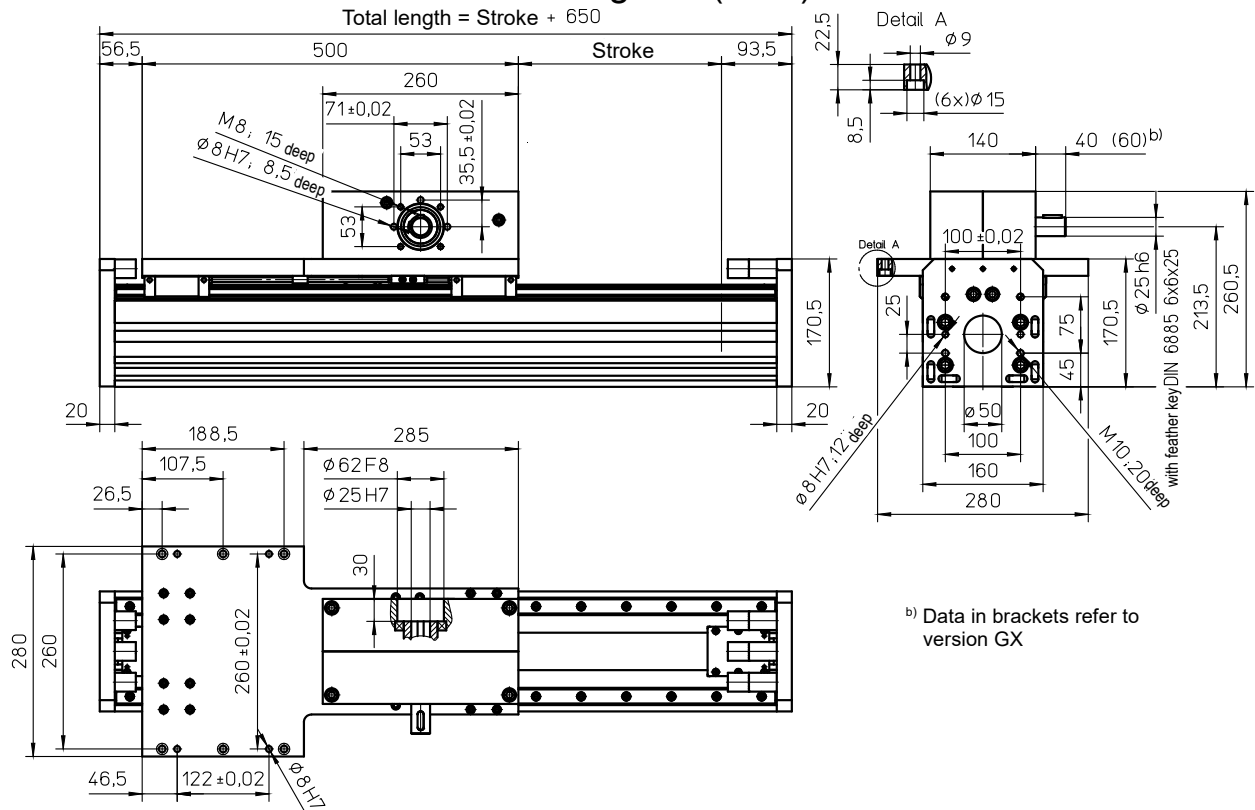


with toothed belt drive and double linear guide (ASH)



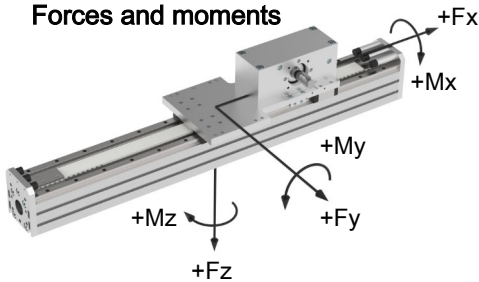
Weights

ASH

Basic length without stroke:	36.50 kg
100 mm stroke:	2.42 kg
Entire carriage 500 mm:	16.60 kg

Max. total length: (longer on request)	8000 mm
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Forces and moments



	ASH
Forces	Dynamic [N]
$F_x^{c)}$	4000
F_y	10000
F_z	16000
Moments	Dynamic [Nm]
M_x	1800
M_y	8000
M_z	7000

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

Technical Data

ASH

Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	4.00 Nm
Moment of inertia:*	$2.57 \cdot 10^{-2} \text{ kgm}^2$
Drive element:	Toothed belt 50 AT10-E
Stroke per revolution:	240 mm

* (entire carriage traverses)

F_x - v - Diagram

