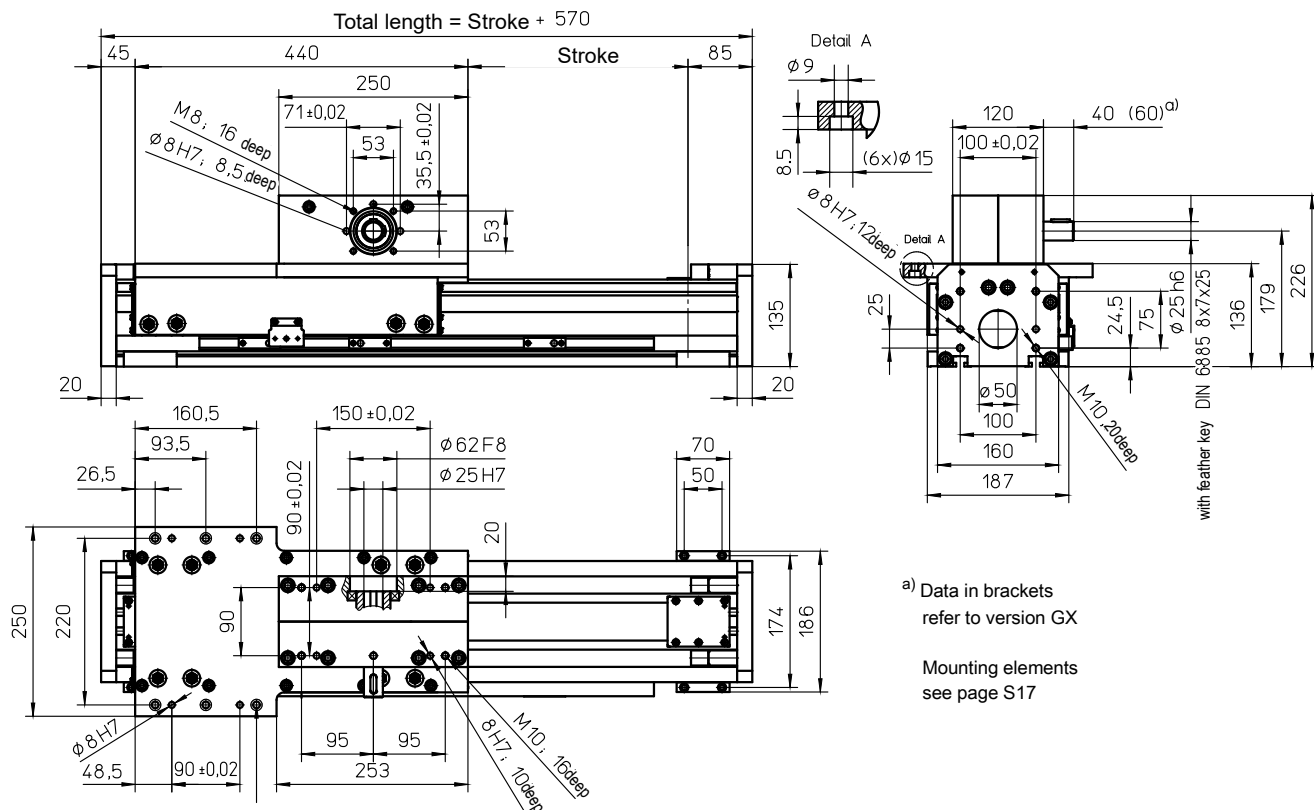


with toothed belt drive an roller guide (ARH)



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

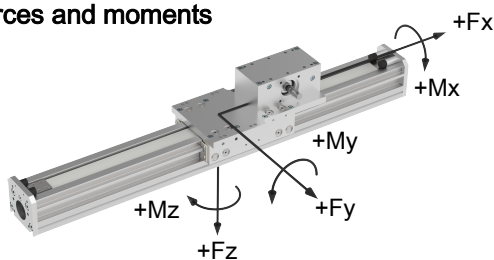
Weights ARH

| | |
|---|----------|
| Basic length without stroke: | 27.30 kg |
| 100 mm stroke: | 1.63 kg |
| Entire carriage 440 mm: | 14.65 kg |
| Max. total length: (longer on request) | 6000 mm |

Technical Data ARH

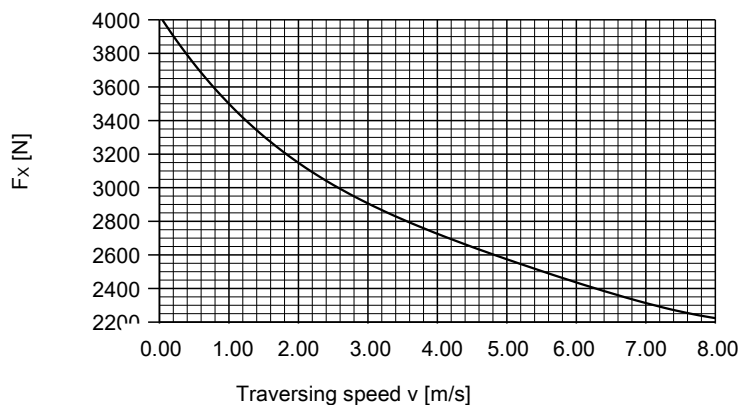
| | |
|----------------------------------|--|
| Max. speed: | 8.00 m/s |
| Max. acceleration: | 60 m/s ² |
| Repeat accuracy: | ±0.08 mm |
| Idle torque: | 4.20 Nm |
| Moment of inertia: (rotatory) | 1.50 · 10 ⁻³ kgm ² |
| Drive element: | Toothed belt 50 AT10-E |
| Stroke per revolution: | 240 mm |

Forces and moments



| ARH | |
|------------------------------|--------------|
| Forces | Dynamic [N] |
| F _x ^{b)} | 4000 |
| F _y | 4500 |
| F _z | 6000 |
| -F _z | 4000 |
| Moments | Dynamic [Nm] |
| M _x | 500 |
| M _y | 1000 |
| M _z | 1000 |

F_x - v - Diagram



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