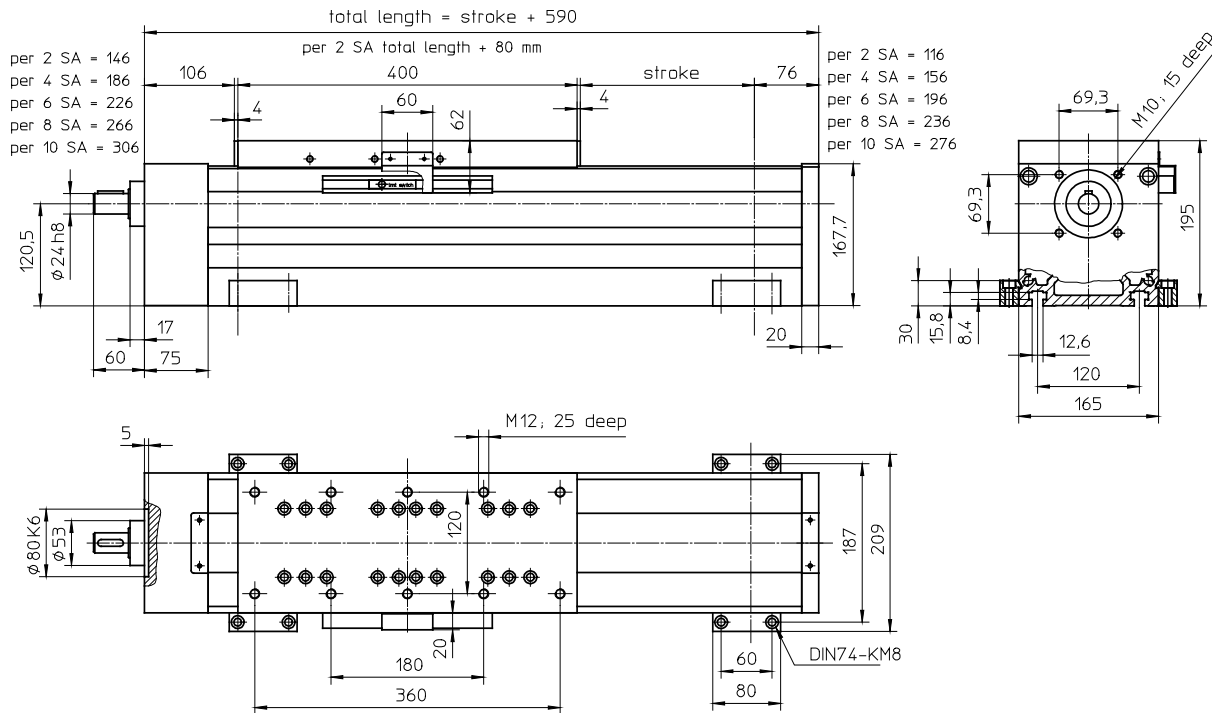


# with ball screw, trapezoidal screw and integrated linear guide



## Weights

Basic length, no stroke:  
 100 mm stroke:  
 Carriage:  
 Idle torque:

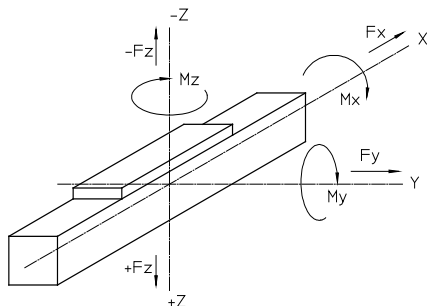
## SSS

37.90 kg  
 4.20 kg  
 11.50 kg  
 3.00 Nm

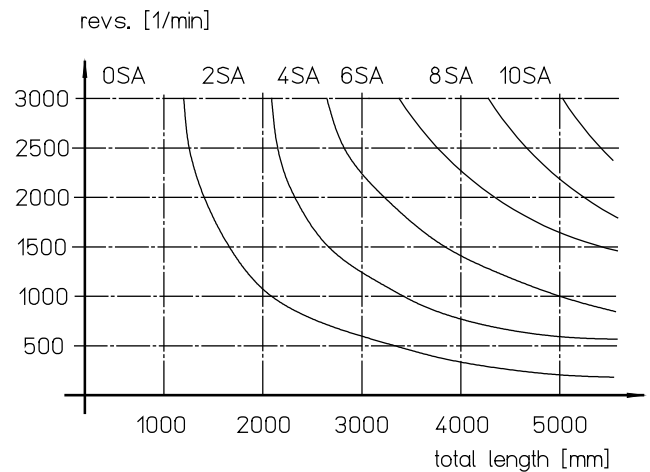
## Technical data

Linear speed: 0.1 – 2 m/s \*\*  
 Repeatability: ± 0.03 mm (ball screw)  
 Acceleration: max. 20 m/s<sup>2</sup>  
 Mass inertia: 13 kgcm<sup>2</sup>/m  
 Drive element: **ball screw drive:**  
 diameter: 40 mm  
 pitch: 5, 10, 20, 40 mm  
**trapezoidal screw:**  
 diameter: 40 mm  
 pitch: 7 mm  
 Total length: up to 5500 mm (longer on request)

## Loads and load moments



## Screw supports (SA)



Type	with linear guide (SSS)
Load	dynamic [N]
<b>F<sub>x</sub> **</b>	<b>18000</b>
<b>F<sub>y</sub></b>	<b>5000</b>
<b>F<sub>z</sub></b>	<b>15000</b>
<b>-F<sub>z</sub></b>	<b>8000</b>
Load moment	dynamic [Nm]
<b>M<sub>x</sub></b>	<b>700</b>
<b>M<sub>y</sub></b>	<b>1400</b>
<b>M<sub>z</sub></b>	<b>1100</b>

\*\* max. data for ball screw 4010