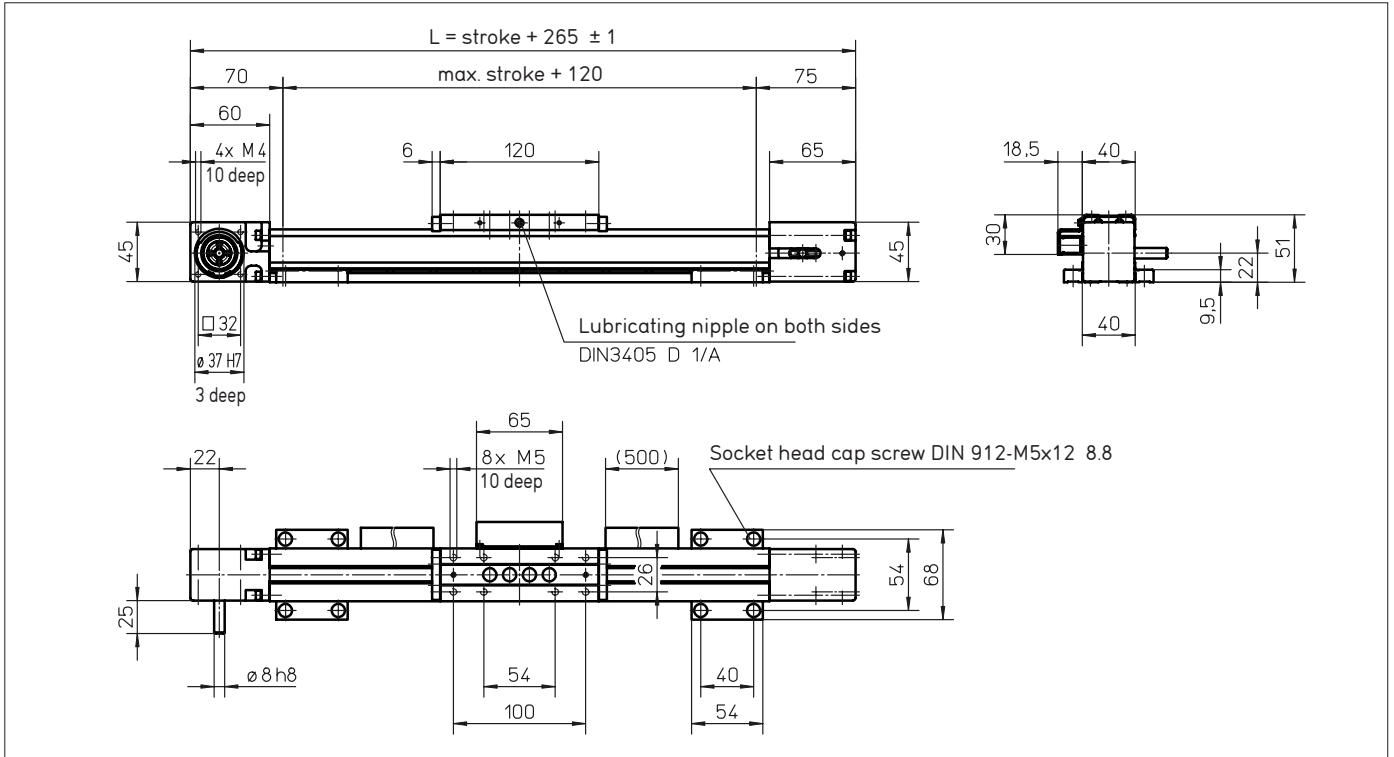


WIESEL SPEEDLine® WH40

with linear guide and AT toothed belt



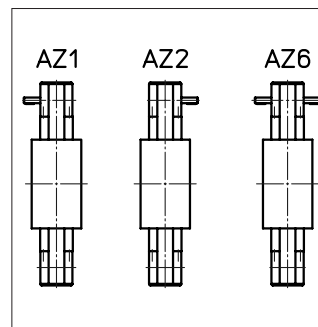
Note: The use of a long power bridge increases the total length.

Technical data

- Linear speed: _____ max. 3.0 m/s
- Repeatability: _____ ± 0.05 mm
- Acceleration: _____ max. 40 m/s²
- Drive element: _____ Toothed belt 10AT5
- Pulley diameter: _____ 31.83 mm
- Stroke per revolution: _____ 100 mm
- Stroke length: _____ up to 2000 mm
- Length of power bridge: _____ 120 or 210 mm
see page 26
- Geometrical moment of inertia: _____
ly 12.6 · 10⁴ mm⁴
lz 15.3 · 10⁴ mm⁴
- Weights
Basic unit with zero stroke: _____ 1.19 kg
100 mm stroke: _____ 0.15 kg
Power bridge with rollers: _____ 0.28 kg
- Provided: _____ with 4 pieces KAO mounting brackets

Execution of drive shafts

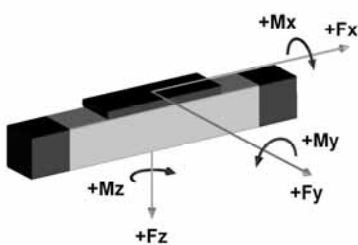
(Detailed description see page 123)
Other executions on request.



Idle torques [Nm]

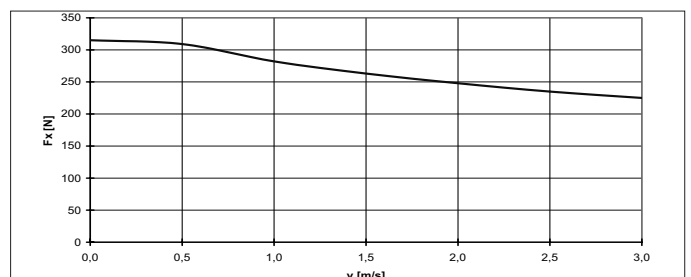
Rotational speed [rpm]	M _{idle} [Nm]
150	0.1
900	0.3
1800	0.6

Loads and load moments



Load	dynam. [N]
Fx drive ¹⁾	max. 315
Fy	450
±Fz	600
Load moment	dynam. [Nm]
Mx	10
My ²⁾	30
Mz ²⁾	30

Fx depending on the linear speed



Order Code see page 123

¹⁾ Depending on the speed, see respective chart.

²⁾ Increase of the admissible values by the use of a long power bridge or additional free-sliding power bridge (page 26 and 27).