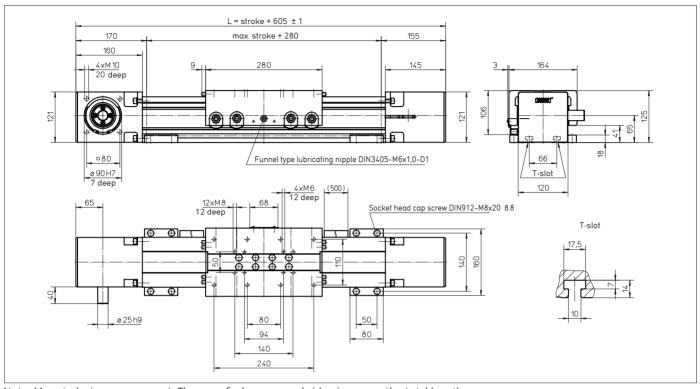
WIESEL SPEED ine[®] WH120 with roller guideway and ATL toothed belt

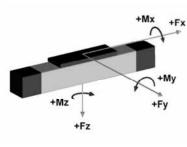


Note: Mounted wipers on request. The use of a long power bridge increases the total length.

Technical data

- Linear speed: max. 10 m/s
- Repeatability: ± 0.05 mm
- Acceleration: max. 40 m/s²
- Toothed belt 50ATL10 Drive element: 82.76 mm Pully diameter:
- Stroke per revolution: _ 260 mm
- Stroke length: up to 11000 mm
- Length of power bridge: 280 or 520 mm,
- see page 26 • Geometrical moment of inertia: ly 6.69 · 10⁶ mm⁴
- lz 6.88 · 10⁶ mm⁴ Weights Basic unit with zero stroke: 17.00 kg 1.64 kg 100 mm stroke: Power bridge with carriage: 5.50 kg
- Provided: with 4 pieces KAO mounting brackets

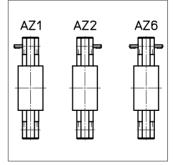
Loads and load moments



Load	dynam. [N]
Fx drive ¹⁾	max. 5000
Fy	4980
±Fz	9300
Load moment	dynam. [Nm]
Mx	500
My ²⁾	930
MZ ²⁾	500

Execution of drive shafts

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

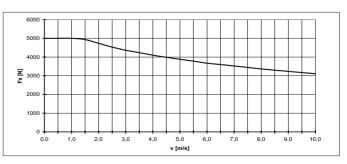


Idle torques [Nm]

Rotational speed [rpm]	M _{idle} [Nm]
150	4.8
1500	7.0
2308	10.0

Note: For tube lengths of 4900 mm and over, the tubular profile is composed of two parts. The joint must be adequately supported. It may be possible to position the joint according to customer's wishes.

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).