

[illegible]

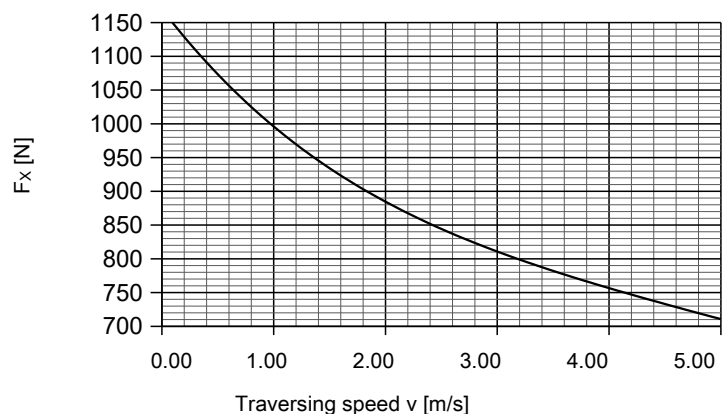
ZSSD

Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	2.90 Nm
Moment of inertia:	2.20 · 10 ⁻³ kgm ²
Drive element:	2 x toothed belt 16 AT10
Stroke per revolution:	200 mm

Diagram illustrating the forces and moments applied to a piezoelectric actuator. The forces are labeled $+F_x$, $+F_y$, and $+F_z$. The moments are labeled $+M_x$, $+M_y$, and $+M_z$.

	ZSSD
Forces	Dynamic [N]
F_x^c	1150
F_y	2500
F_z	3000
Moments	Dynamic [Nm]
M_x	400
M_y	1000
M_z	800

F_x - v - Diagram



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