

[illegible]

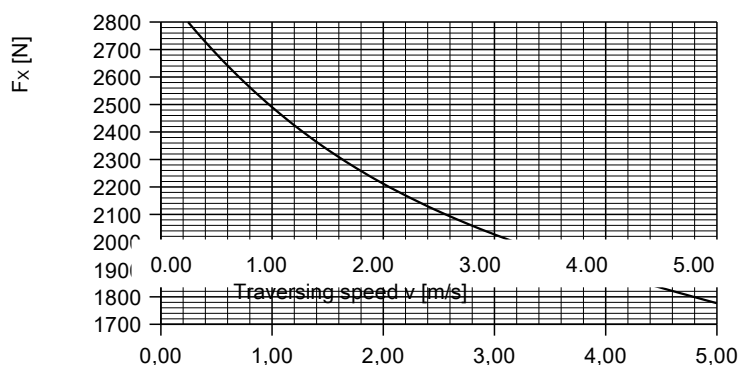
Technical Data	ZSS
Max. speed:	5.00 m/s
Max. acceleration:	60 m/s ²
Repeat accuracy:	± 0.08 mm
Idle torque:	3.00 Nm
Moment of inertia:	4.90 • 10 ⁻³ kgm ²
Drive element:	Toothed belt 40 AT10-E
Stroke per revolution:	200 mm

Forces and moments



A 3D perspective diagram of a linear actuator assembly. A central rectangular block is mounted on a horizontal rail. At the right end of the rail, a blue cylindrical component is shown with a curved arrow indicating a positive moment $+M_x$. At the left end, a curved arrow indicates a positive moment $+M_z$. A downward arrow at the bottom center indicates a positive force $+F_z$. A curved arrow at the bottom right indicates a positive moment $+M_y$. A curved arrow at the top right indicates a positive force $+F_x$. A curved arrow at the bottom left indicates a positive force $+F_y$.

$F_x - v$ - Diagram



Page G6