

[illegible]

Technical Data	ZRS	ZSS
Max. speed:	8.00 m/s	5.00 m/s
Max. acceleration:	40 m/s ²	
Repeat accuracy:	± 0.08 mm	
Idle torque:	2.50 Nm	
Moment of inertia:	1.30 •10 ⁻² kgm ²	1.26 •10 ⁻² kgm ²
Drive element:	Toothed belt 40 AT10	
Stroke per revolution:	200 mm	

A 3D perspective diagram of a beam element. The beam is a long, thin rectangular prism with a blue longitudinal slot. At the right end, a coordinate system is defined with three axes: a vertical axis pointing up labeled $+F_z$, a horizontal axis pointing right labeled $+F_x$, and a diagonal axis pointing down and to the right labeled $+F_y$. Corresponding moments are shown as curved arrows: $+M_x$ around the $+F_x$ axis, $+M_y$ around the $+F_y$ axis, and $+M_z$ around the $+F_z$ axis.

d) Maximum value (see diagram "F_x-v-Diagram")
Data in brackets refer to long carriage plate (400)

$F_x - v$ - Diagram

