ZEHNDERSOMMER.COM

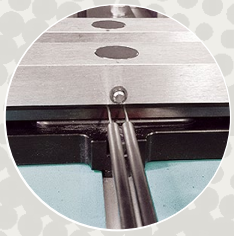
LONG LINEAR FEEDING SYSTEM EO KV-Z

Model: EO KV-Z080 | EO KV-Z160 | EO KV-Z240



ACCURATE

- Precision mechanics and high-tech materials for highest accuracy
- Compact precision linear motor



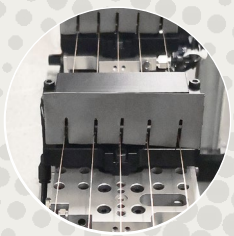
VERSATILE INSTALLATION

- Compact linear axis in horizontal design
- Individual customizable feed lenghs
- Drive units near axis (e.g. in tooling)



VERSATILE USE

- Single or mutli-motor axis
- Various tailor made clamping, gripping and guiding options
- Adaptable covers



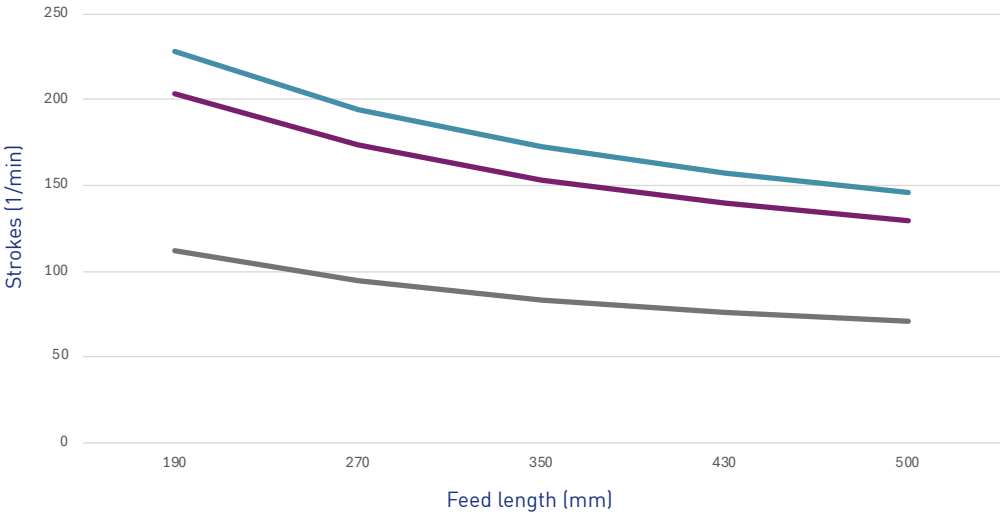
MATERIAL

- Material thickness up to 1 mm or 4 mm
- Variable feed lenghts
- Choice of two motor sizes

ZEHNDER SOMMER | SWISS PRECISION FEEDING

LONG ELECTRIC LINEAR FEEDING SYSTEM EO KV-Z

PERFORMANCE

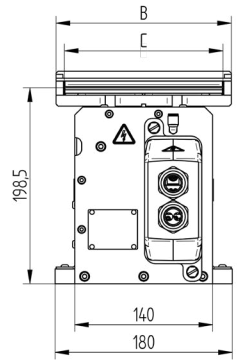


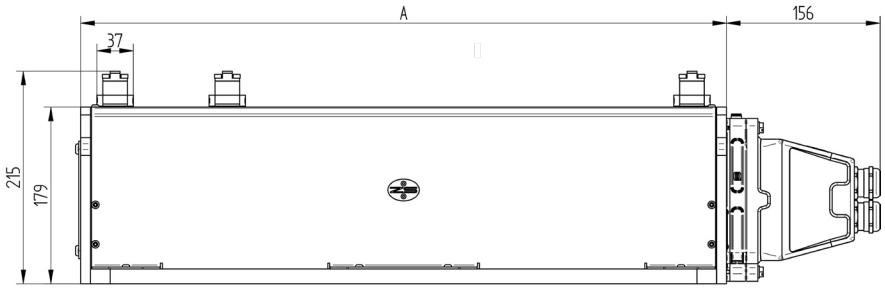
Performance curves (examples)*

Loop weight / Number of moving clamps
0.5 kg / 1 Z
2 kg / 1 Z
10 kg / 1 Z

*Calculation basis: EZ KV-Z
Optimum opening angle
Z= standard gripper

TECHNICAL SPECIFICATIONS





MODEL EO	KV-Z080	KV-Z160	KV-Z240
Band width max. (mm)	80	160	240
C: Infeed guide width max (mm)	81	161	241
B: Width of klamp (mm)	98	178	258
A: Device length EO KV 32/40/48/80	496 / 576 / 656 / 976		
Feed length with EO KV 32/40/48/80	190 / 270 / 350 /670		
Infeed height (mm)	198		
Clamping opening (mm)	1 or 4		
Accuracy (mm)	+/- 0.02		
Nominal traction force	65 N		
Peak traction force	140 N		
Clamping force at 6 bar	270 N	540 N	900 N
Band cross-section (max. recommended)	50 mm^2		

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