

LONG LINEAR FEEDING SYSTEM EO KV

Model: EO KV-xx 80 | EO KV-xx 160 | EO KV-xx 240



ACCURATE

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

VERSATILE INSTALLATION

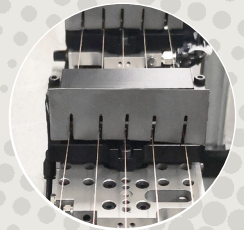
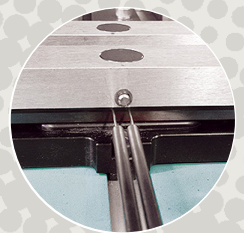
- Compact linear axis in horizontal design
- Individual customizable feed lengths
- Drive units near axis (e.g. in tooling)

VERSATILE USE

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

MATERIAL

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

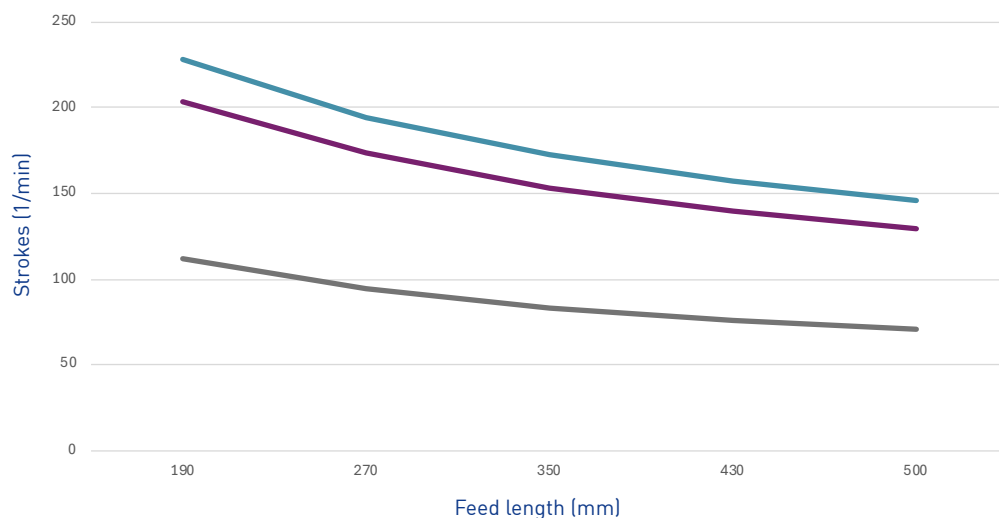


**ZEHNDER
SOMMER** | SWISS
PRECISION
FEEDING

LONG ELECTRIC LINEAR FEEDING SYSTEM EO KV



PERFORMANCE



Performance curves (examples)*

Loop weight / Number of moving clamps

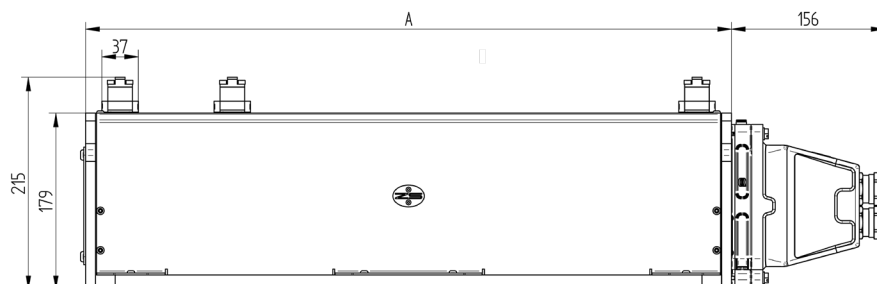
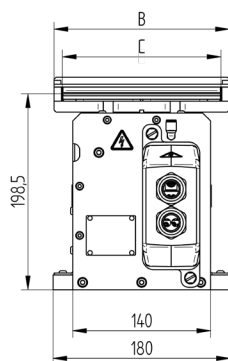
0.5 kg / 1 Z

2 kg / 1 Z

10 kg / 1 Z

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

TECHNICAL SPECIFICATIONS



MODEL	EO	KV-xx 080	KV-xx 160	KV-xx 240
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 -18/-26/-34/-66		496 / 576 / 656 / 976		
Feed length with EO KV -18/-26/-34/-66		180 / 260 / 340 / 660		
Infeed height (mm)		199		
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		300 N	600 N	900 N
Band cross-section (max. recommended)		50 mm²		

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