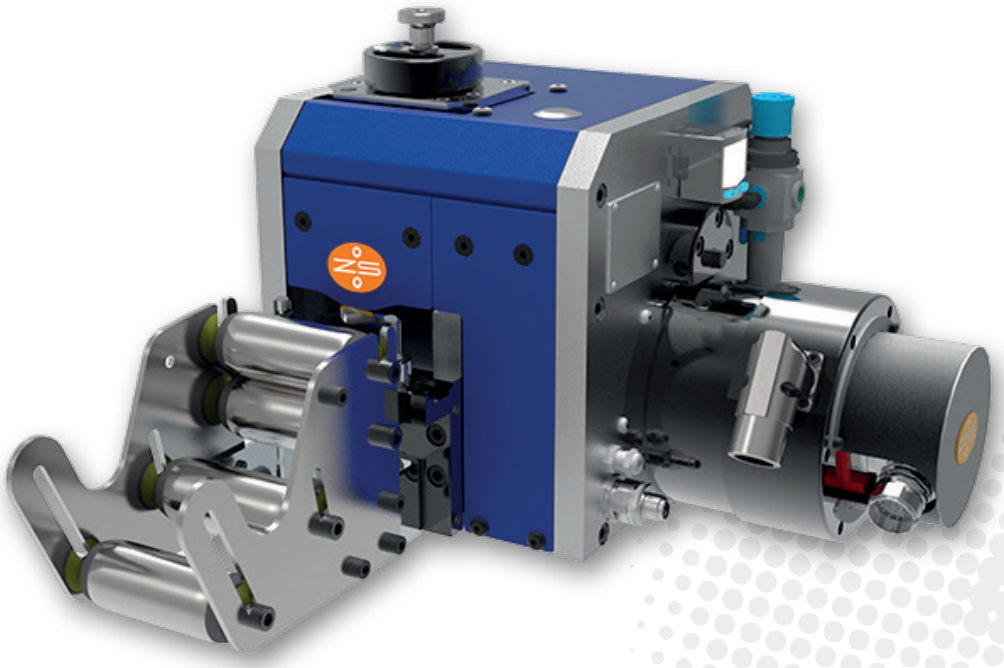
ZEHNDERSOMMER.COM

Small High Speed and Precision Torque-Servo Roll Feeding System

PERFORMANCE EV RX TK

Models: EV RX 080 TK | EV RX 160 TK | EV RX 240 TK | EV RX 320 TK



FAST & PRECISE

- Highly dynamic Torque servo motors up to 350 m/min, 470 N
- COLIBRI: Very fast pilot release up to more than 2000 strokes/min
- Gearless direct drive for accurate transmission of torques
- Synchronous drive of both rolls via precision parallel-coupling
- Precision mechanics and high-tech materials for highest accuracy



VERSATILE

- Quick roll exchange via lateral plate (ideal for wires feed)
- One-sided construction (ideal for bending-stamping machine)
- Optional roll surfaces, adjustable segment rolls, profiles
- Powerful and versatile controls; double systems; push/pull
- Threading assistance (material insertion without operating the control)
- Pull-out inlet for practical maintenance and roll cleaning
- Variable infeed plate: roller cage with double rolls, inlet plate, wire inlet



OPTIONS

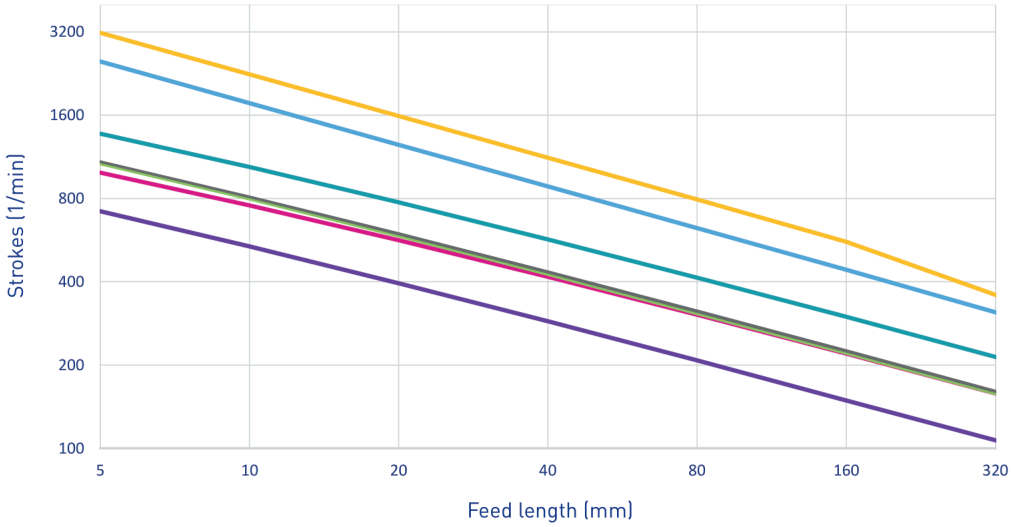
- Different levels of security: STO or Integrated Security (SLS)
- Electric safety brake



ZEHNDER SOMMER | SWISS PRECISION FEEDING

ROLL FEED PERFORMANCE EV RX TK

PERFORMANCE



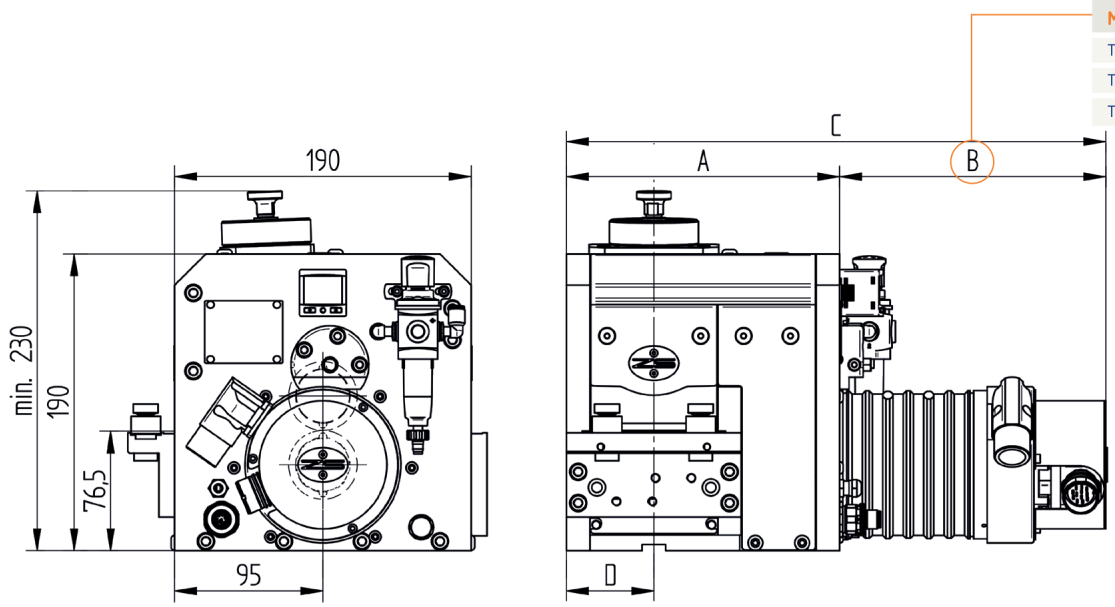
Performance curves (Examples)*

Loop weight / Feed angle / Cooling
0 kg / 180° / WC
0 kg / 180° / AC
2 kg / 120° / AC
2 kg / 180° / AC
5 kg / 120° / AC
5 kg / 180° / WC
5 kg / 180° / AC

*Calculation basis: EV RX 080 TK

TECHNICAL SPECIFICATIONS

Motor	B (mm)
TKF 086-083	180
TKF 086-075	171
TKA 110-045	141



MODEL EV RX TK	080	160	240	320
Opening width (mm)	80	160	240	320
Roll width lower/upper (mm)	80	160	240	320
Support width A (mm)	187	267	347	427
Device width C min. (mm)	328	408	488	568
Device width C max. (mm)	367	447	527	607
Keyways distance D (mm)	56	96	136	176
Roll opening	5.5 mm			
Roll diameter	44 mm			
Positioning accuracy	+/- 0.02 mm			
Speed max.*	350 m/min			
Traction max.* (air/water)	220 - 470 N			
Pilot release (stroke/min)	30°:1400 / 50°:2200			
Band-cross section (recomm.)	max. 250 mm²			

*Depending on motor, control and supply.
Ask for a specific configuration and calculation.

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