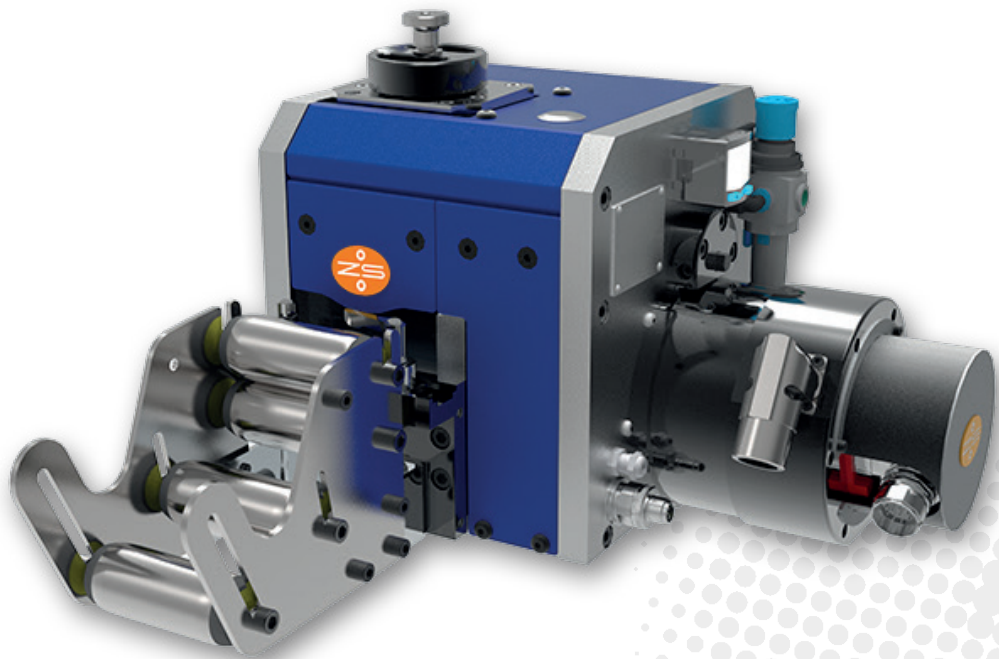


Small High Speed and Precision Torque-Servo Roll Feeding System

PERFORMANCE EV RX TK

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



FAST & PRECISE

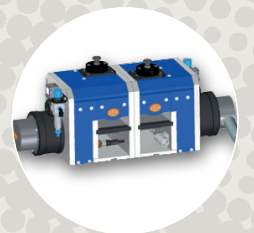
- Highly dynamic Torque servo motors up to 350 m/min, 470 N
- COLIBRI: Very fast pilot release up to more than 2000 strokes/min
- Gearless direct drive for accurate transmission of torques
- Synchronous drive of both rolls via precision parallel-coupling
- Precision mechanics and high-tech materials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

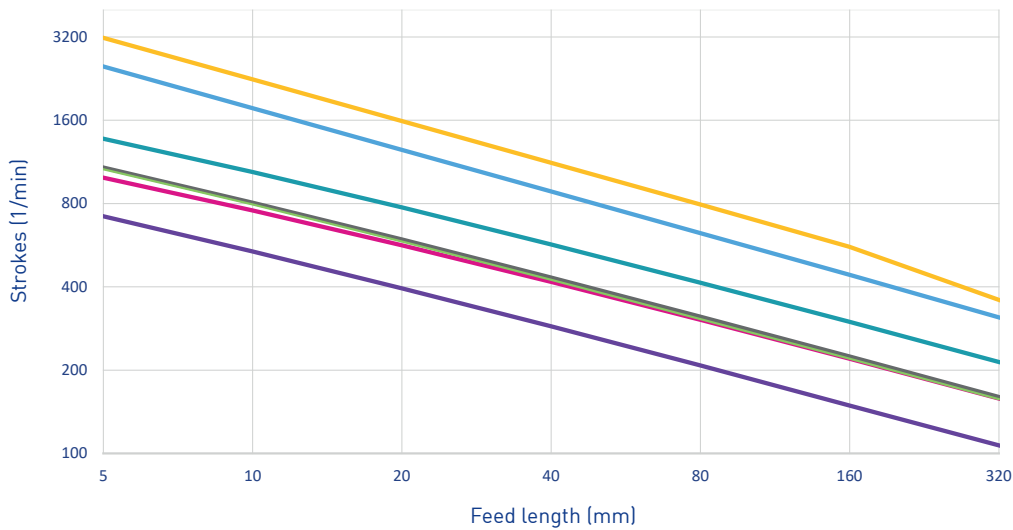
- Different levels of security: STO or Integrated Security (SLS)
- Electric safety brake



ROLL FEED PERFORMANCE EV RX TK



PERFORMANCE

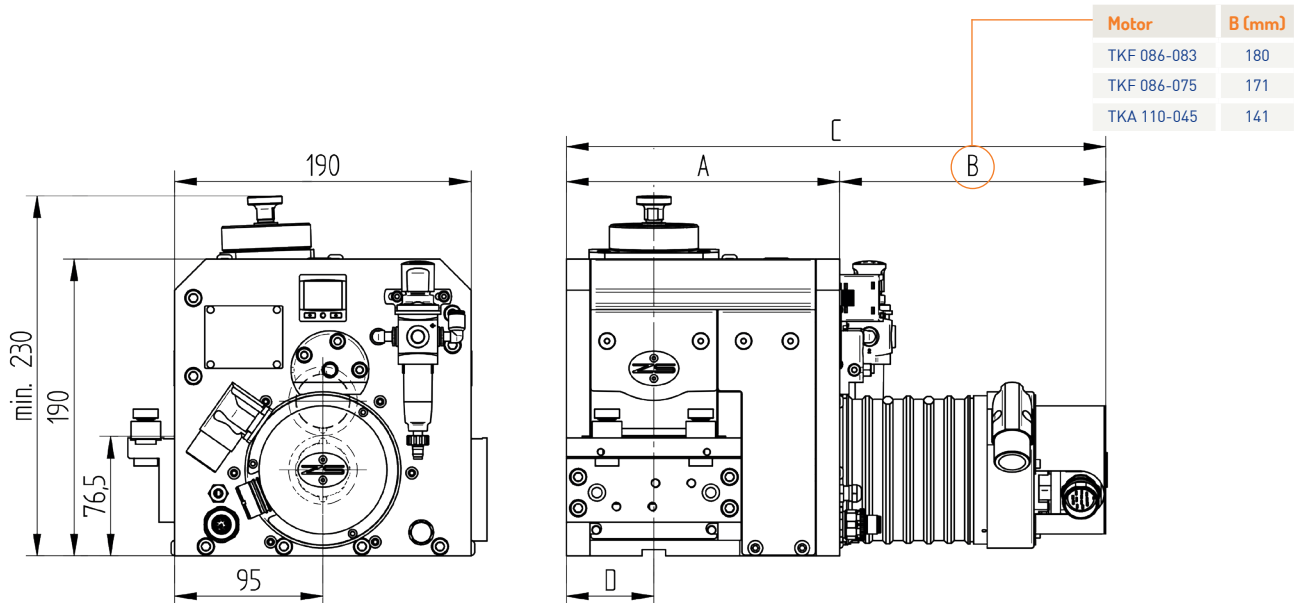


Performance curves
(Examples)*

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



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 mm ²			

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