ZEHNDERSOMMER.COM

ROLL FEED EV TK

Models: EV 12 TK | EV 22 TK



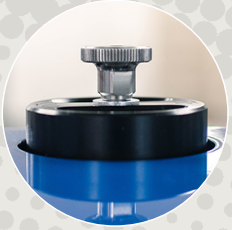
FAST

- Highly dynamic torque servo motor up to 350 m/min
- Very fast pilot release for productions up to more than 2000 strokes/min
- Powerful and versatile control



PRECISE FEEDING

- Gearless direct drive for extremely accurate transmission of torques
- Synchronous drive of the rollers via torsion-free power coupling
- Precision mechanics and high-tech materials for highest accuracy



VERSATILE

- Various roll surfaces, mech./motorized mounting brackets
- Push or pulling mode, double/triple systems
- Integrate, retrofit or synchronize with any press

SAFE OPERATION

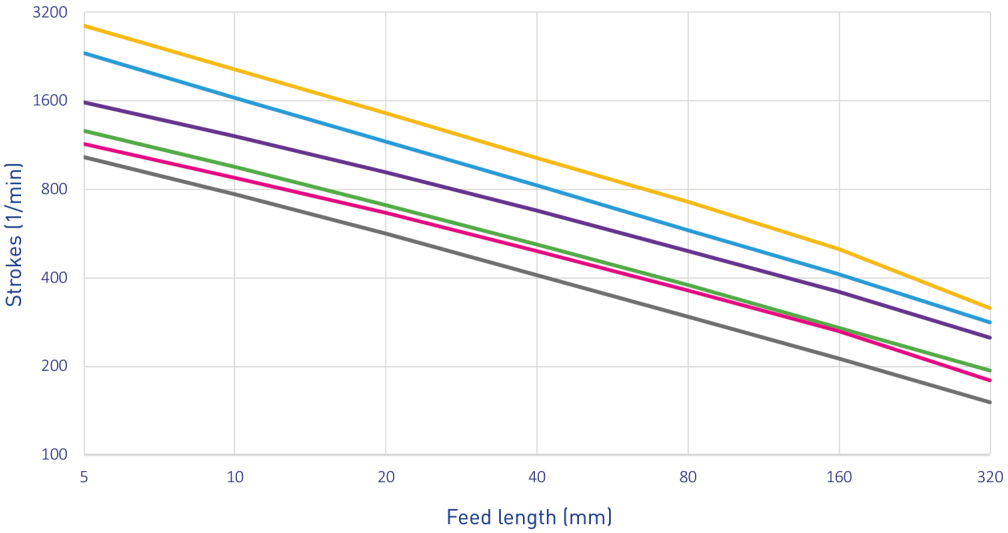
- Meets the highest safety standards including safety speed
- Precision sensor on the opposite side of the motor
- Electric safety brake



ZEHNDER SOMMER | SWISS PRECISION FEEDING

ROLL FEED EV TK

PERFORMANCE

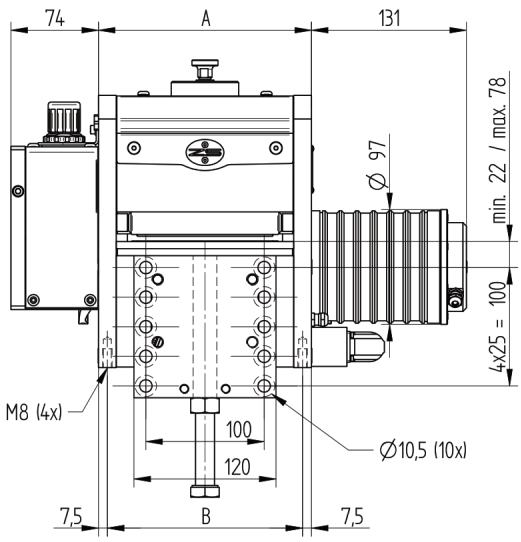


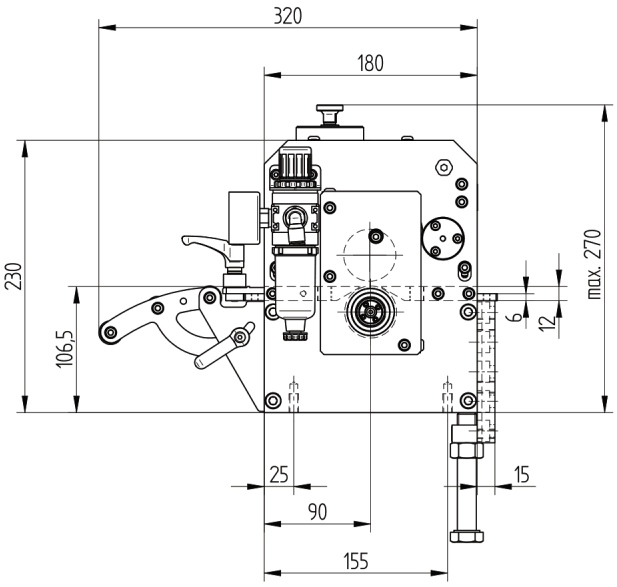
Performance curves (examples)*

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

*Calculation basis: EV 12 TK4
Motor / Control / Cooling
TF 89-86 / FD12,CX62 / air
TF 89-86 / FD15,CX100 / water

TECHNICAL SPECIFICATIONS





MODEL EV	12 TK	22 TK
Upper roll width (mm)	115	215
Lower roll width (mm)	140	240
Feed troughput width (mm)	150	250
Infeed guide width (mm)	130	230
Feed unit support width A (mm)	180	280
Fixture distance B (mm)	165	265
Overall width	376	476
Roll opening	max. 5 mm	
Roll diameter	44 mm	
Position accuracy	+/- 0.02 mm	
Speed max.* (nominal)	350 m/min	
Traction max.* (air/water cooling)	220 N / 350 N	
Cross section (recommended)	max. 250 mm²	
Pilot release (strokes/min)	30°:1400 / 50°:2200	

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

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