ZEHNDERSOMMER.COM

Mini Roll Feed with integrated control

COMPACT EV DM IC

Models: EV DM 020 IC | EV DM 040 IC



COMPACT & PROVEN

- Control integrated in motor, no control cabinet
- Ultra compact dimensions (installation also into toolings)
- Very simple wiring system and installation in systems
- Direct drive of lower roll
- Proven precision mechanic



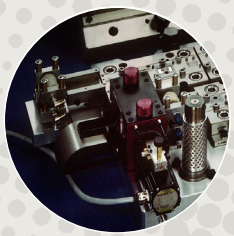
VERSATILE

- Different rolls surfaces
- Easy and versatile integration, Bus-connexion
- Quicker exchange of feed and control
- Pull-out inlet plate for practical maintenance and roll cleaning
- Terminal Box-IC in option with threading aid



INTEGRATED CONTROL

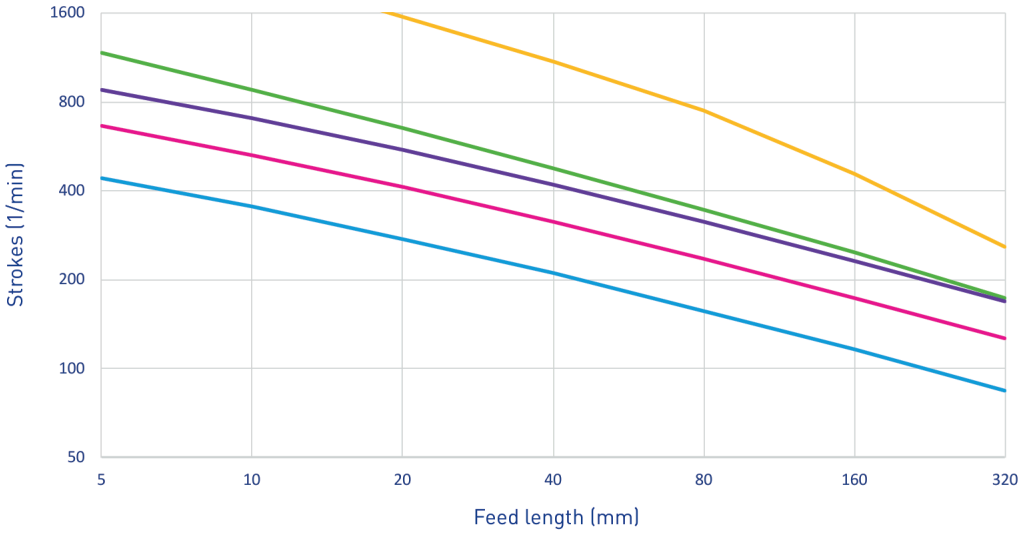
- ServoStep Motor with pulse lock STO (SIL3)
- Connect box for press connection with TFT control unit
- Optional bus connection (EtherCAT, Ethernet IP ProfiNET)



ZEHNDER SOMMER | SWISS PRECISION FEEDING

ROLL FEED COMPACT EV DM IC

PERFORMANCE

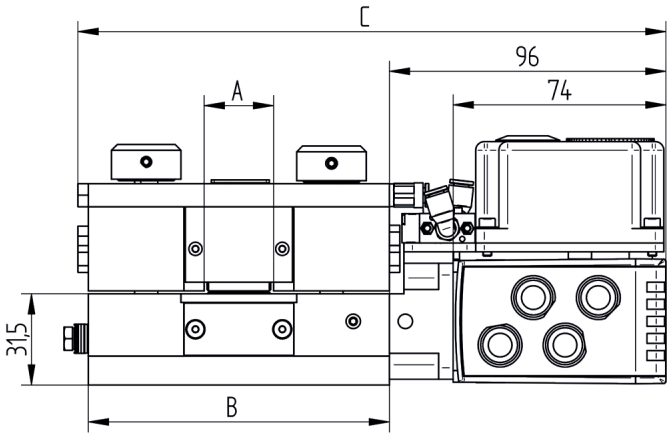


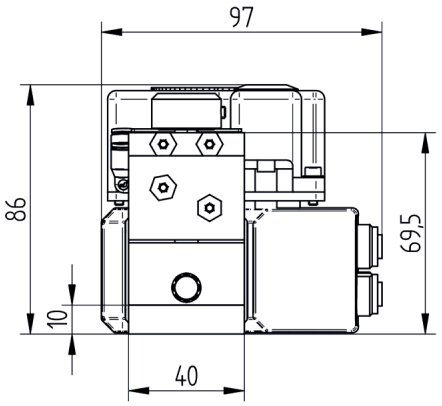
Performance curves (examples)*

Loop weight / Feed angle / Motor
0 kg / 180° / IC
0.5 kg / 180° / SE
0.5 kg / 240° / IC
0.5 kg / 180° / IC
0.5 kg / 120° / IC

*Calculation basis:
EV DM 020 IC (EV DM 020 SE)
Power supply: 24V

TECHNICAL SPECIFICATIONS





MODEL EV DM IC	020	040
Roll width upper/lower (mm)	20	40
Opening width A (mm)	24	44
Support width B (mm)	104	124
Overall width C (mm)	203	223
Roll opening	2.5 mm	
Roll diameter	20 mm	
Accuracy	+/- 0.05 mm	
Speed max.*	180 m/min	
Traction max.*	29 N	
Cross section (recommended)	max. 10 mm²	

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

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