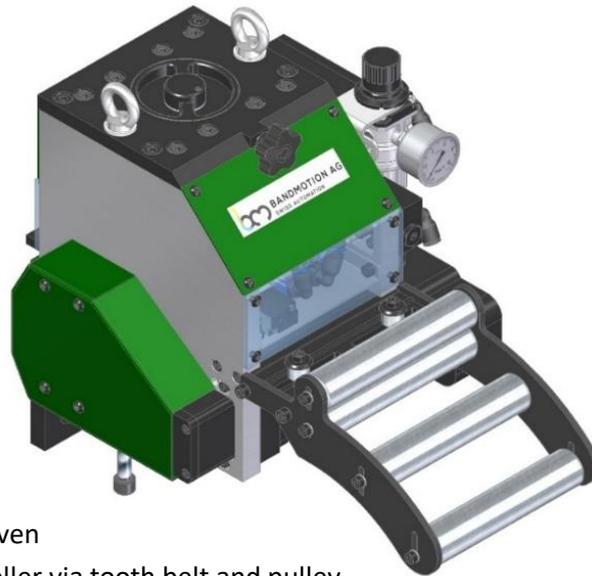# Servo Roll Feeder BMK 080-220 S

Strip cross-section up to 250mm²

Key Benefits:

- Both rollers, lower and upper are driven
- Servo motor is coupled with lower roller via tooth belt and pulley
- Play free direct coupling between the hardened and grounded rollers
- Blazing fast pneumatic pilot release
- Pilot release opening and closing distances can be adjusted upwards and downwards
- Applied contact pressure to strip material is adjustable
- Motor brake system prevents strip material from back-moving in emergency stop situation
- Strip end sensor is incorporated in adjustable inlet roller guide
- Strip material can be transport in push or pull mode
- Compact and user-friendly design
- Easy integration and installation to any press system
- Control unit is available as cabinet installation cassette or as standalone table-top housing

- The standard control unit is equipped with a 24-V I/O unit with 18 inputs/11 outputs
  Integrated safety impulse lock (IPS1) according PLe/SIL3 standards
  Data management on FLASH memory, stores up to 200 user programs.
 Data backup on SD card

Options:

- Field bus connection for PROFIBUS, PROFINET, Ether-CAT, Ethernet or VARAN
- RS232 interface for feed data transmission with ASCII protocol
- Full synchronous mode between feeder and press
- Electronic cam shaft with 16 paths, eight of them dynamic
- Service software (J-CAM) for device analysis plus PLC programming and data backup
- Hardalloy coated rollers, mark reader, and much more
- Customised solution according to end-user specifications

Stroke number diagram without pilot release. Strip weight 1.0 kg
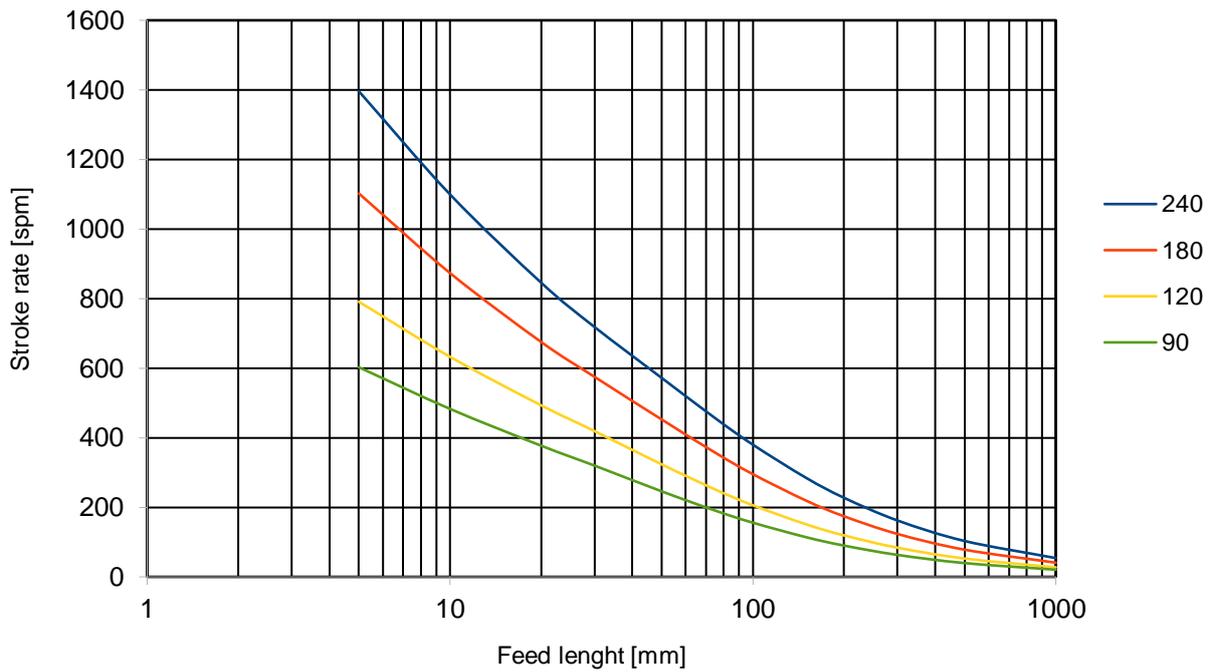
Technical data

Strip width	max. 080-220mm
Roller diameter	40mm
Roller opening	max. 5mm
Accuracy	+/- 0.02mm
Motor power	970W
Continuous tensile force	550N
Speed max.	85m/min
Power supply	230Vac

View A
Ansicht A
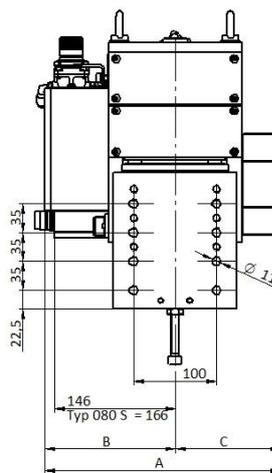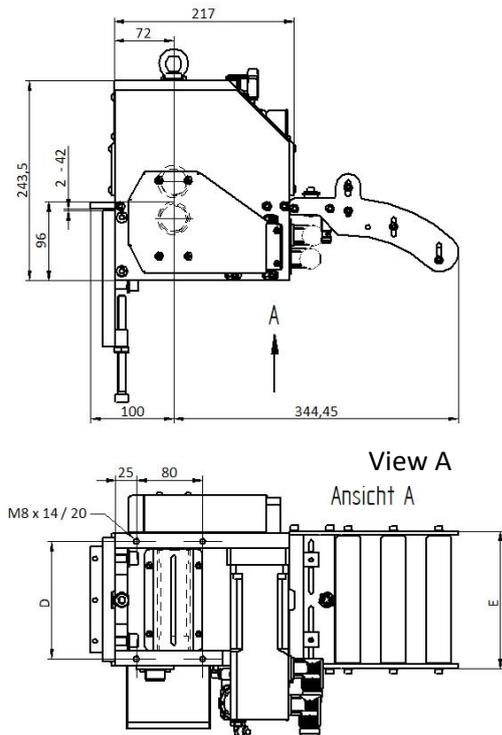
Typ	Width	A	B	C	D	E
BMK 080 S	80	244	137	107	103	127
BMK 120 S	120	284	157	127	143	167
BMK 220 S	220	384	207	177	243	267