Roller feeder BMH 080-220 S
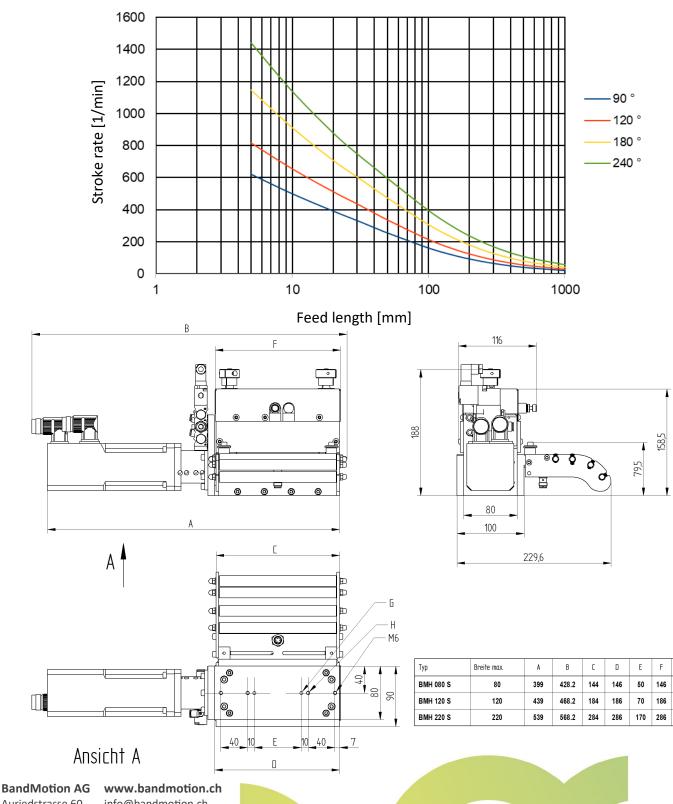
BANDMOTION AG
SWISS AUTOMATION

Highlights at one glance

⇒ Compact system can be used pushing or pulling
⇒ Easy attachment to any downstream machine
⇒ Fast pneumatic pilot release
⇒ Roller lifting adjustable at the top
⇒ Adjustable roller pressure
⇒ Infeed roller basket with integrated strip end sensor
⇒ Highly dynamic CNC drive with servo motor
⇒ CNC control as standard as built-in cassette or optionally as table-top housing
⇒ Linking the downstream machine to a 24V I/O unit with 18 inputs and 11 outputs
⇒ Integrated safety with pulse lock or monitoring unit up to PLe/SIL3
⇒ Stroke rate-dependent programming, multiple feeds, threading function
  Options:
⇒ Optional RS232 interface for data transmission with ASCII protocol
⇒ Optional various fieldbus connections
⇒ Optional service software for device analysis, PLC programming and data backup
⇒ Optional synchronous mode with the downstream machine
⇒ Further options such as measuring wheel, mark reader, cam gear etc.
⇒ Special designs according to your specifications are possible at any time on request

Tecnical data

Strip width	max. 80-220mm
Roller ø	40mm
Roller opening	max. 5mm
Precision	+/- 0.03mm
Continous tensile force	140 N
Speed max.	125 m/min
Power supply	230Vac/ 50 Hz

Stroke rate diagram without pilot release with belt weight 1

Stroke rate [1/min] vs Feed length [mm]

Legend:
- 90 °
- 120 °
- 180 °
- 240 °

Ansicht A

Typ	Breite max.	A	B	C	D	E	F	G	H
BMH 080 S	80	399	428.2	144	146	50	146	M6	ø5H7
BMH 120 S	120	439	468.2	184	186	70	186	ø5H7	M6
BMH 220 S	220	539	568.2	284	286	170	286	ø5H7	M6