

FMS-webMASTER 020 Web Guide

Stepper motor design

High precision at high machine speed

Roller length from 250 to 600 mm

Designed for narrow web application

Compact and robust design

Reliable and maintenance free operation



● FMS-webMASTER 020

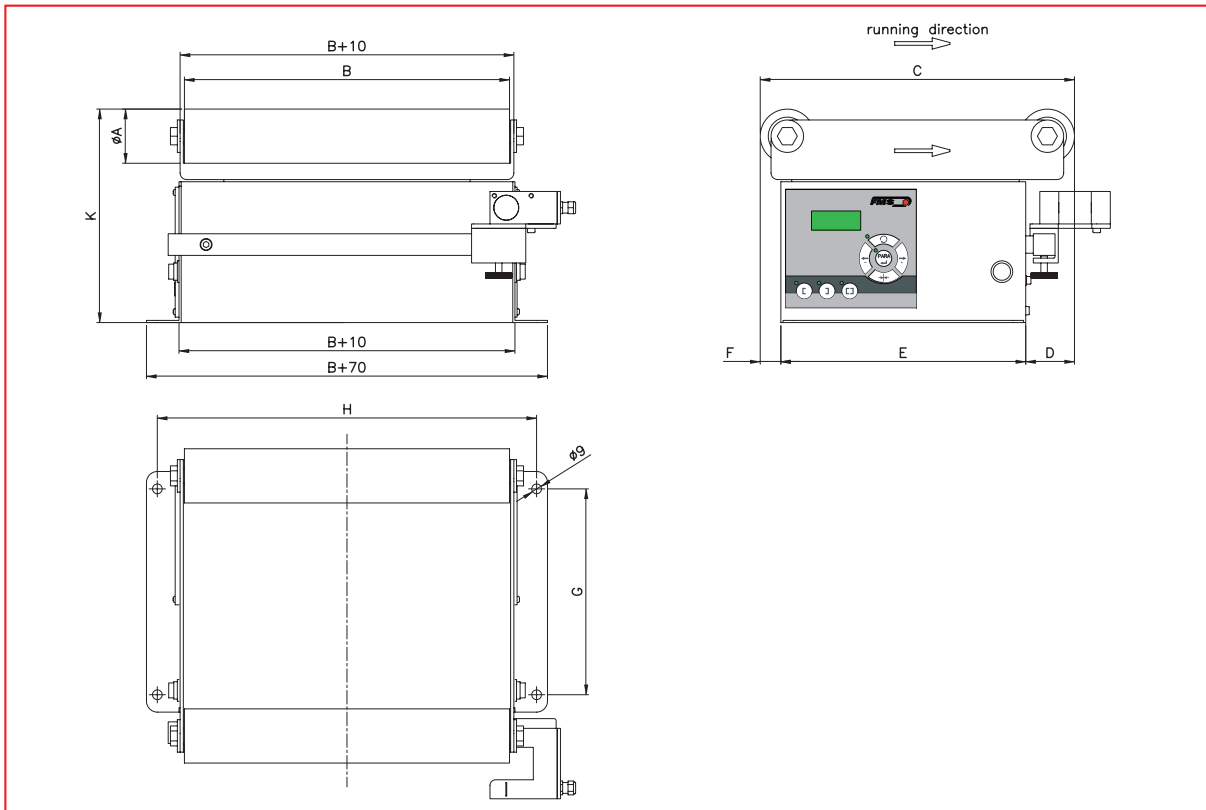
The steering frames of the FMS-webMASTER 020 Series have been especially developed for use in narrow web applications such as: label printing presses, small slitters and rewinders, film conversions, small packaging lines, etc. They are characterized by a compact and robust construction and are available with the controller integrated into the frame on either side.

The FMS-webMASTER 020 has an integrated mounting bar for one or two sensors. The sensors are attached to the bar by movable brackets. All the analogue and digital sensors of the FMS product family can be used for edge guiding, center guiding and line guiding operation.

The frame is pre-wired and requires only a single power supply.

The adjustment of the upper part of the frame that supports the rollers is made by a powerful stepper motor with a ball screw. The rollers are manufactured and balanced according to the customer's specification. The BKS 309 web guide controller is integrated into the side of the steering frame as standard. Robust and compact aluminium housing is also available.

FMS-webMASTER 020 • Dimensions in mm



FMS-webMASTER 020 • Dimensions in mm

| FMS-webMASTER Type | A | B | C | K | D | E | F | G | H | AL ¹⁾ |
|--------------------------------|----|-----|-----|-----|----|-----|----|-----|-----|------------------|
| BKS 020.3.0250.0280.050 | 50 | 250 | 280 | 197 | 45 | 226 | 9 | 190 | 300 | ± 15 |
| BKS 020.3.0300.0290.050 | 50 | 300 | 290 | 197 | 45 | 226 | 19 | 190 | 350 | ± 25 |
| BKS 020.3.0400.0320.050 | 50 | 400 | 320 | 197 | 45 | 251 | 24 | 215 | 450 | ± 25 |
| BKS 020.3.0400.0320.075 | 75 | 400 | 320 | 222 | 45 | 251 | 24 | 215 | 450 | ± 25 |
| BKS 020.3.0500.0405.075 | 75 | 500 | 405 | 222 | 45 | 336 | 24 | 300 | 550 | ± 25 |
| BKS 020.3.0600.0455.075 | 75 | 600 | 455 | 222 | 45 | 386 | 24 | 350 | 650 | ± 25 |

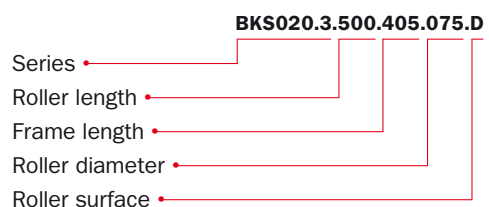
¹⁾ AL = Correction

Other sizes on request, maximum roller length = 600 mm

FMS-webMASTER 020 • Technical data

| | |
|---------------------------|--|
| Upper part bearing | 3-point (B 500: 5-point) |
| Adjusting speed | > 35 mm / s |
| Drive | With ball screw and stepper motor, 24 V / max. 2.5 A |
| Temperature range | 0...60 °C |
| Protection class | IP 30 |

**Order code (example):
FMS-webMASTER 020**



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