FMS Web Guiding / Steering Frames

FMS-webMASTER BKS 015 Web Guide

- **Sophisticated design:**
  Cost effective web guiding solution

- **Integrated electronic unit:**
  No additional wiring required

- **No programming required:**
  Easy to setup, straightforward use

- **Compact and robust construction:**
  Reliable and maintenance free operation

**FMS-webMASTER BKS 015**

With any type of narrow material processing, it is vital to maintain the web in the correct lateral position. Whether printing labels, gluing packages, laminating layers, or applying isolation layers to a wire, exact material position is most important to the production process. Often this is done with stationary mechanical “guides” which can damage the material edges.

The ultra-compact web guide BKS 015 provides enhanced material control for increased line speeds and improved quality. The innovative, cost-conscious design provides the ideal solution for both existing and new narrow web production lines.

**Functional Description**

Guiding control modes include Edge Left, Edge Right, and Center Guiding (using two sensors). The powerful stepper motor and ball screw spindle offers both high precision and a fast, accurate response. The electronic control unit is integrated into the steering frame, while the operator interface panel can be provided on either side of the frame and oriented in any of 90° increments to best suit the application. These features make the BKS 015 Web Guide very easy to install and operate.

The BKS 015 Web Guide is available with roller widths of 100 to 350 mm, and is compatible with the full line of ultra-sonic and optical material sensors available from FMS.

www.fms-technology.com
**FMS-webMASTER BKS 015** | Dimensions in mm or [inch]

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**FMS-webMASTER BKS 015** | Dimensions in mm

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<th>Type</th>
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<th>Roller diameter</th>
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<th>c</th>
<th>d</th>
<th>e</th>
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**FMS-webMASTER BKS 015** | Technical Specification

- **Steering offset**: ± 7.5 or 9 mm (for B = 250 mm)
- **Adjusting speed**: 18 mm/s
- **Drive**: Stepper motor, spindle, backlash free nut
- **Sensors**: Ultrasonic and optical
- **Power supply**: 24 VDC (18...30 V) / max. 1.5 A
- **Galvanically isolated**
- **Temperature range**: –10...60 °C [14...140 °F]
- **Protection class**: IP 30

**FMS-webMASTER BKS 015** | Texture of the order code

<table>
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<th>[dim L]</th>
<th>[dim D]</th>
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Roller surface

Roller diameter

Frame length

Roller length

Series

Order code example: BKS015.200.155.50.D

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All data have been prepared and checked carefully. However, we cannot assume liability for any errors or incompleteness. Subject to modifications serving progress.

World Headquarters: FMS Force Measuring Systems AG
Aspstrasse 6 • 8154 Oberglatt (Switzerland) • Phone + 41 44 852 80 80 • Fax + 41 44 850 60 06
info@fms-technology.com • www.fms-technology.com