

FMS Web Guiding / Steering Frames

## **FMS-webMASTER BKS 030 Web Guide**

- **Fast and precise positioning thanks an advanced motor design:**  
Very reliable also at high machine speeds
- **Web Guide Controller available in different housing types:**  
Large variety of mounting options
- **Roller length from 600 to 1800 mm:**  
Designed for mid-range web application
- **Sophisticated and sturdy design:**  
Reliable and maintenance free operation

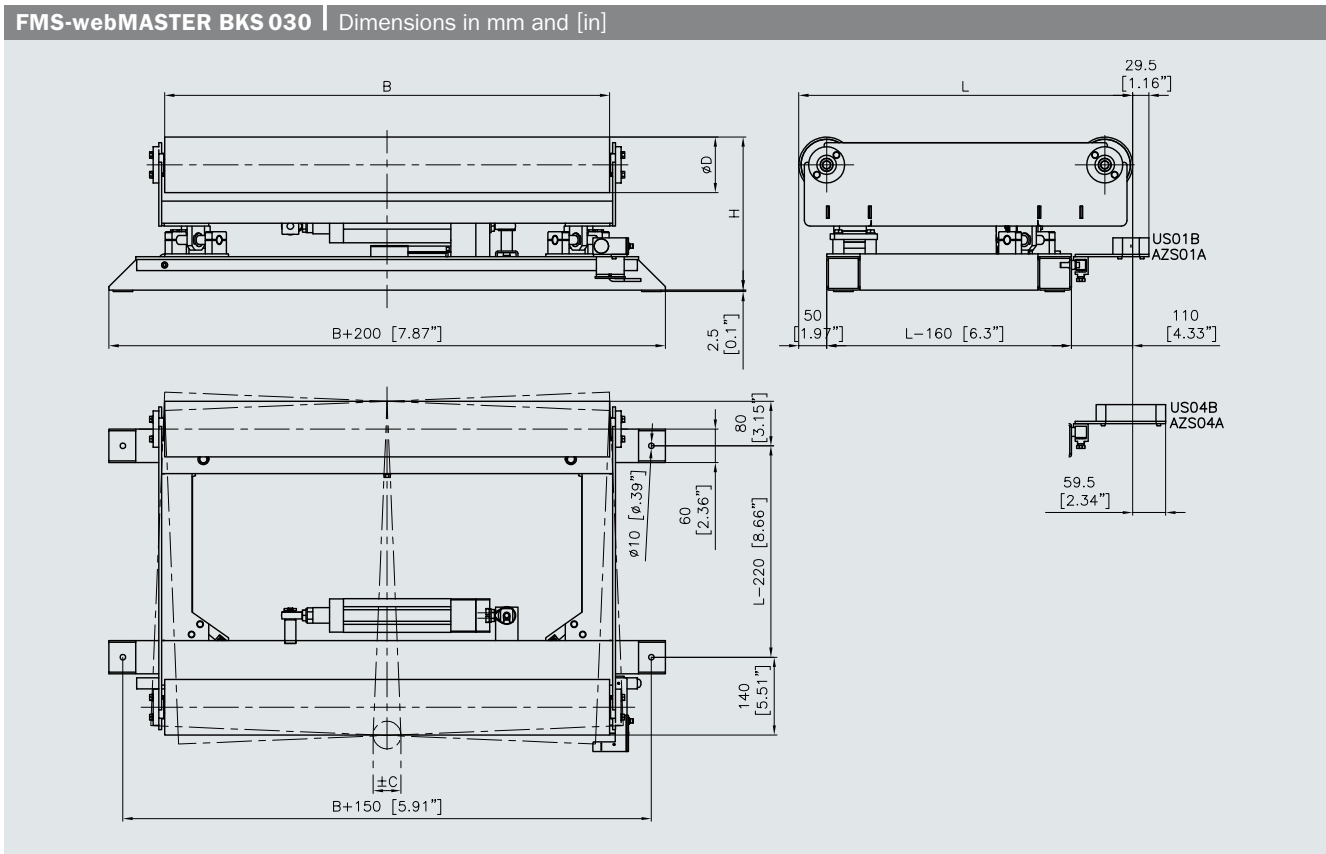


### **FMS-webMASTER BKS 030**

The Steering Frames BKS 030 are used in a dedicated web guide series for web processing machines such as label printing presses, slitters, rewinders, film conversion and extruding equipment, packaging lines and many other applications. The web guides are characterized by their robust and simple construction. They were designed to increase the processing speed of your converting lines and improve the quality of your products.

### **Functional Description**

A powerful stepper motor with a ball screw spindle adjusts the steering frame free of play and very precisely. The rollers are manufactured and balanced to high standards. A wide range of material sensors allow edge, centre or line guiding. Regardless whether you run simple or sophisticated manufacturing processes, the FMS-webMASTER BKS 030 and its control electronics BKS 309 is the optimal solution to meet even your most demanding control needs.



<b>FMS-webMASTER BKS 030</b>   Dimensions in mm	
<b>Roller length (B)</b>	600    800    1000    1200    1400    1600    1800
<b>Frame length (L)</b>	450    600    750    900    1000    1200    1200
<b>Roller diameter (D)</b>	100    100    100/150    100/150    100/150    150    150
<b>Frame height (H)</b>	277.5    277.5    277.5/327.5    277.5/327.5    277.5/327.5    327.5    327.5
<b>Correction (C)</b>	22.5    30    37.5    45    50    60    60

<b>FMS-webMASTER BKS 030</b>   Technical Data	
<b>Correction</b>	± 0.05 x L
<b>Supporting points</b>	4-points
<b>Adjusting speed</b>	> 35 mm/s
<b>Drive</b>	with ball screw and stepper motor 24 V/max. 2.5 A
<b>Temperature range</b>	0...55 °C [32...131 °F]
<b>Protection class</b>	IP 30

**FMS-webMASTER BKS 030** | Texture of the order code

**BKS030.** [dim B]. [dim L]. [dim D]. **E**

Roller surface

Roller diameter

Frame length

Roller length

Series

Order code example: BKS030.1200.900.150. E

<b>FMS-webMASTER BKS 030</b>   Surfaces/Electronics mounting	
<b>Roller surface</b>	D = Alu turned E = Anodised K = Rubber cork A = Special roller coating