

BKS 010 Series Ultra-compact web guide

Integrated electronic unit

No additional wiring

No programming required

Easy to setup

Only 2 mounting bolts

Easy installation

Simple design

Cost effective web guiding solution



● **Why BKS 010 Series
Ultra-Compact Web Guide**

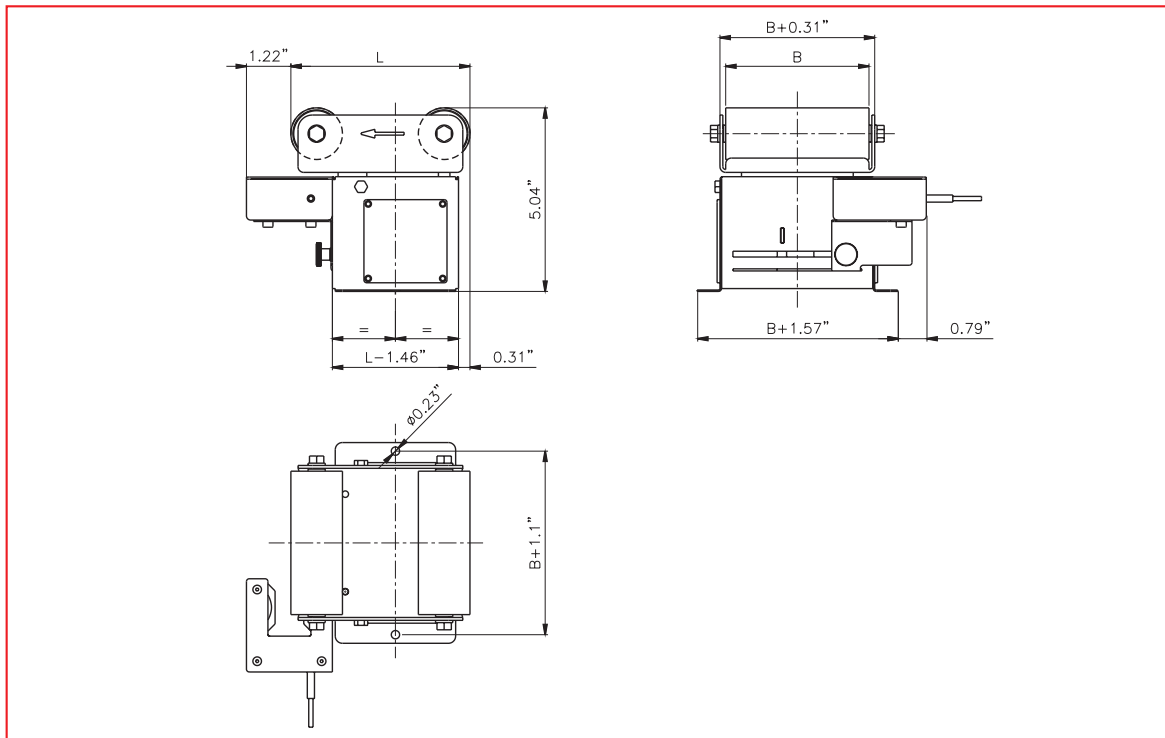
With any type of narrow material processing, it is vital to maintain the material in the correct lateral position. Whether gluing packages, laminating layers of diapers, or applying isolation layers to a wire, exact material position is most important to the production process. Often this is done with stationary mechanical „guides“ which can damage the material edges. However, the BKS 010 Series Ultra-Compact Web Guide offers significant material control improvement for existing, as well as new lines, without risk to the material being guided.

● **Functional Description**

The BKS 010 Series Ultra-Compact Web Guide is a very compact, easy to install and operate, and cost-consciously designed, web guide for narrow web processing. It can function with 1 or 2 edge sensors in the left, right or centre mode. The electronic control unit is integrated into the steering frame and can be located on either side of the guide. The operator panel can be appropriately positioned for any mounting angle in 90° steps. The BKS 010 Series Ultra-Compact Web Guide comes fully wired requiring

a 24VDC power supply. The DC servo-actuator offers both high precision and a fast response.

BKS 010 Series ● Dimensions in inches

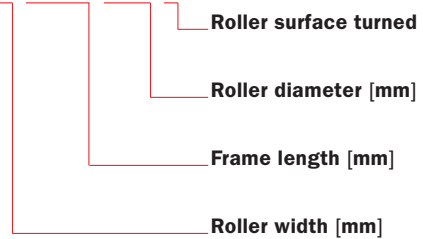


BKS 010 Series ● Dimensions

Roller width B		Length L		Roller diameter	
mm	[inch]	mm	[inch]	mm	[inch]
100	[3.94]	125	[4.92]	36	[1.42]
150	[5.91]	125	[4.92]	36	[1.42]
200	[7.87]	150	[5.91]	36	[1.42]

Order code:

BKS010.0100.0125.036.D



BKS 010 Series ● Technical Data

Power Supply	24 VDC (18..36) 0.5 A max, galvanically isolated
Moving speed	0.59 inch/s [15 mm/s]
Maximum thrust force	2.25 lbs [10 N]
Max correction	+/- 0.2 inch [+/- 5 mm]
Edge sensor	Ultrasonic +/- 0.2 inch [+/- 5 mm]
Protection class	IP 20
Temperature range	32 - 113 °F [0..45 °C]
Conformity	CE

World Headquarters:

FMS Force Measuring Systems AG
 Aspstrasse 6
 8154 Oberglatt (Switzerland)
 Tel. ++ 41 1 852 80 80
 Fax ++ 41 1 850 60 06
 info@fms-technology.com

FMS USA, Inc.
 925 East Rand Road · Suite 207
 Arlington Heights, IL 60004
 Phone 847 392 7872
 Fax 847 392 7873
 fmsusa@fms-technology.com

FMS UK
 Highfield, Atch Lench Road
 Church Lench
 Evesham WR 11 4UG
 Phone ++ 44 1386 871023
 Fax ++ 44 1386 871021
 fmsuk@fms-technology.com

www.fms-technology.com