RS1-10

Series

RS1-10-2R 2.5x16

The **RS1-10** Steering Guide is a compact steering guide ideal for the narrow web industry. It features a single raceway assembly with 1-inch race rods and is powered by a 5-inch diameter air cylinder. The guide rollers move laterally on the linear raceway assembly and simultaneously pivot in the same direction to correct the misalignment.
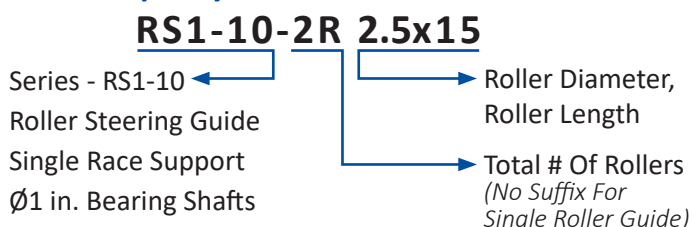
No electronics, no hydraulics means no problems.

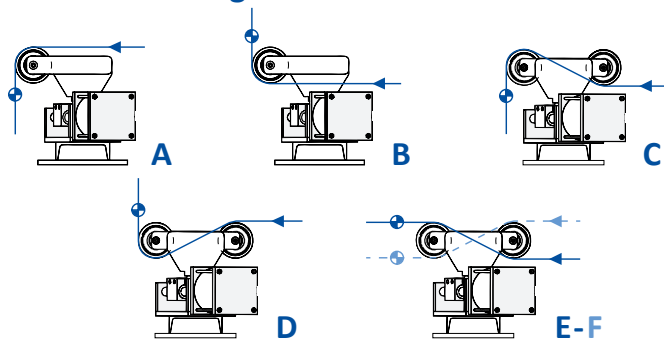The **RS1-10** Series is easy to install and setup.

Specifications:

Max Web Width . . . . 15 in. (381mm)
Roll Face . . . . 15 to 18 in. (381 to 457.2mm)
Roller Dia. . . . . 2.5 to 3 in. (63.5 to 76.2mm)
Roller Types:
Standard *(One or Two Rollers)* . . . . Aluminum
Optional . . . . Grooved, Stainless, Plasma, Cork Tape or Rubber Coated
Auto Center Option . . . . Yes
Sensor Bracket Style 104
Maximum Tension . . . . 20 PLI
Temperature. . . . . 32 - 170° F (0 - 76.7° C)
High Heat Option . . . . up to 212° F (100° C)
Air Consumption (at 6 psi) . . . . 1.8 CFM (51 l/m)

Requirements:

• The steering guide must be installed after a long, free-entering web span to prevent wrinkling. A web entry span of at least 2x the maximum web width must be maintained.

• The pre-entry span must be shorter than the entry span.

• The preferred exit span should be at least 1/2 to 1x the maximum web width.

• The air-flow sensor must be securely mounted after the guide's exit roller (within the first 1/3 of the exit span).

• At least one idler roller must be located between the exit roller and the process (i.e. printing) to avoid guiding directly into a process.

*On linear bearings with 0.1 coefficient of friction

Environment Applications:

• Wash Down
• Clean Room
• Dusty Dirty
• High Humidity
• High Heat
• Explosion Proof

How To Specify:

RS1-10-2R 2.5x15

Series - RS1-10
Roller Steering Guide
Single Race Support
Ø1 in. Bearing Shafts

→ Roller Diameter, Roller Length

→ Total # Of Rollers
(No Suffix For Single Roller Guide)

Web Path Configurations:

A   **B**   **C**

D   **E - F**

Guides can be placed in any orientation and sensor can be on either the near side or far side of the web. Dual sensor to center-guide is optional.

Additional Optional Equipment:

• Center Guide
• Stainless Steel
• Remote Sensor Controls
• Splice Table
• Multiple Stack Units