

# **TECHNICAL INFORMATION**

## **C-RAIL**

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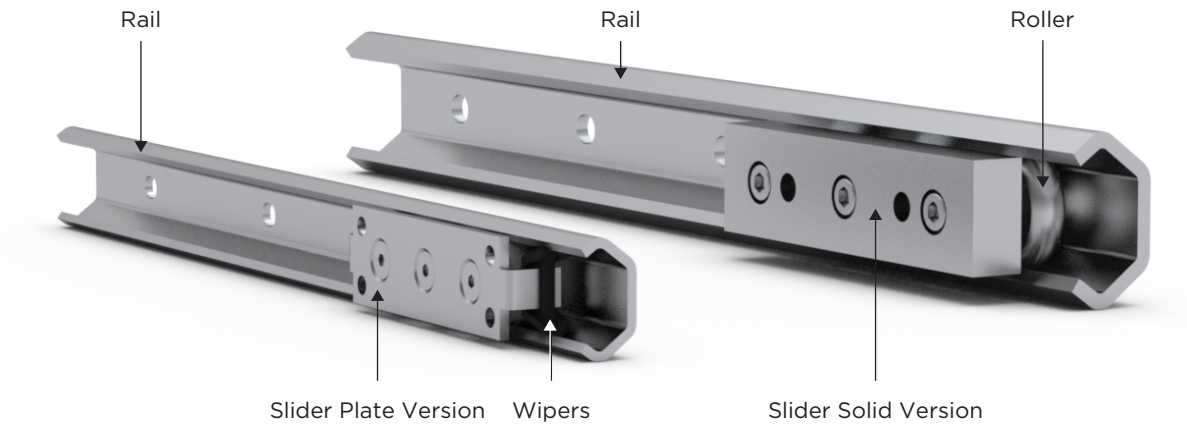


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## Product overview



Rollco C-Rail is a compact and quiet linear guide with low friction. The system is suitable for applications in dusty environments where precision is not the main factor. It is a simple and cost-effective linear bearing.

The rail is available in zinc plated or in stainless steel AISI304 version. For AISI316, please contact Rollco. The rail has internal raceways to guarantee the best level of protection against impurities, debris and external abuse.

All sliders have a AISI 304 stainless steel body. The sliders have three radial ball bearings and are lubricated for life. These rollers have eccentric pivots that allow adjusting the preload when mounted inside the rail. Rollers are available in standard steel or stainless steel AISI440C. The stainless steel rollers have double rubber seals.

The system is available in three different sizes, 20, 30 and 45. The rails are available in lengths up to 6 m. The all stainless steel system is ideal for applications where water, temperature fluctuations or high temperatures occur.

## Application areas

- Food industry: production and packing of food/beverages
- Chemical and environment industry: water treatment devices
- Medical industry: analysis equipment
- Transport industry: sliding doors and boat constructions
- Power industry: boilers and house fireplaces
- Mechanical devices: car wash and automatic gates
- Machine tools: protective panel movement

## Technical data

- Max. temperature: 100°C (212°F)
- Speed: 1.5 m/s

## Stainless steel version characteristics

- Corrosion resistant even after scratching, etching and chipping
- Can be used in washdowns
- Resistant to high temperatures and temperature changes
- No coatings that could flake or chip
- Low coefficient of friction
- Ecological and recyclable materials

**For specifications and other technical data, please see the C-Rail product range on our website.**

# Mounted Rail and Slider

SXTE30 - 2 - LXWL30-88-2RS - 1040 - 20 - 20

**Rail type**

SXTE (Stainless steel)  
 SBTE (Standard zinc plated steel) **Only available in size 45!**

**Size**

20, 30 or 45

**No. of sliders on each rail**

**Slider type**

LSWL (Stainless steel body with wipers and standard steel rollers)  
 LXWL (Stainless steel body with wipers and stainless steel rollers)  
 LSBE (Stainless steel body and standard steel rollers)  
 LXBE (Stainless steel body and stainless steel rollers)

**Slider size**

**Slider body length**

Plate version: 80, 88, 150. Solid version: 60, 80, 120

**Roller protection shield type**

2Z (Steel cover disc)  
 2RS (Splash-proof rubber seal)

**Length of rail**

**Distance from end of rail to center of first hole**

**Distance from center of last hole to rail end**

# Slider

LXWL30 - 80 - 2RS

**Slider type**

LSWL (Stainless steel body with wipers and standard steel rollers)  
 LXWL (Stainless steel body with wipers and stainless steel rollers)  
 LSBE (Stainless steel body and standard steel rollers)  
 LXBE (Stainless steel body and stainless steel rollers)

**Size**

20, 30 or 45

**Slider body length**

Plate version: 80, 88, 150. Solid version: 60, 80, 120

**Roller protection shield type**

2Z (Steel cover disc)  
 2RS (Splash-proof rubber seal)

# Roller

RXBLA45 - 2RS

**Roller type**

RSBLN (Concentric roller for plate version slider, standard bearing steel)  
 RXBLN (Concentric roller for plate version slider, stainless bearing steel)  
 RSBLA (Eccentric roller for plate version slider, standard bearing steel)  
 RXBLA (Eccentric roller for plate version slider, stainless bearing steel)  
 RSBN (Concentric roller for solid version slider, standard bearing steel)  
 RXBN (Concentric roller for solid version slider, stainless steel)  
 RSBA (Eccentric roller for solid version slider, standard bearing steel)  
 RXBA (Eccentric roller for solid version slider, stainless bearing steel)

**Size**

20, 30 or 45

**Roller protection shield type**

2Z (Steel cover disc)  
 2RS (Splash-proof rubber seal)

# Rail

SXTE45 - 1040 - 20 - 20

**Rail type**

SXTE (Stainless Steel)  
 SBTE (Standard zinc plated steel) **Only available in size 45!**

**Size**

20, 30 or 45

**Length of rail**

**Distance from end of rail to center of first hole**

**Distance from center of last hole to rail end**

**ALWAYS THE RIGHT  
SOLUTION AT THE RIGHT TIME.**

**ROLLCO**

LINEAR SOLUTIONS **YOUR WAY**

With reliability, competence and commitment Rollco rapidly delivers the right solutions and components to create safe and cost-effective automation and linear movement.

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