

TECHNICAL INFORMATION

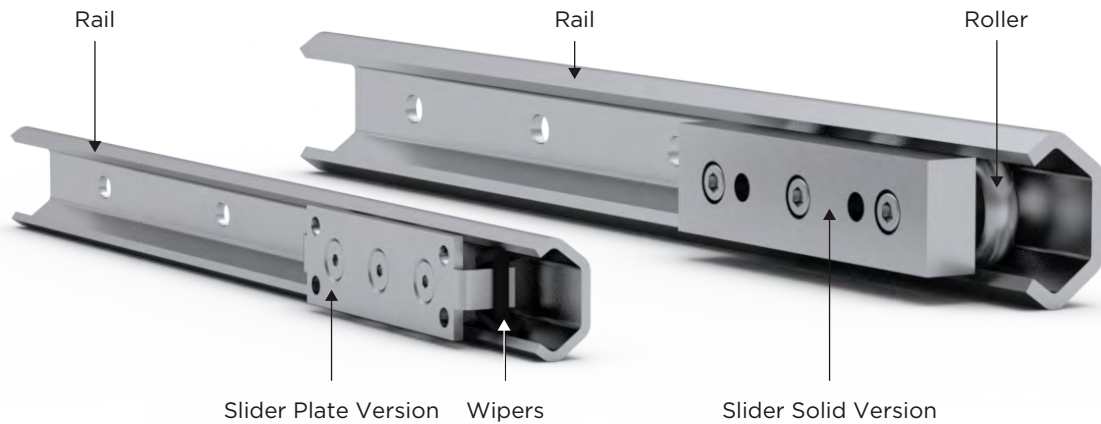
C-RAIL



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Product overview



Rollco C-Rail 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 stainless steel version is perfect for applications where corrosion resistance is important.

C-Rail has internal raceways to guarantee the best level of protection against impurities, debris and external abuse. The sliders have three radial ball bearings with double rubber seals and are lubricated for life. These rollers have eccentric pivots that allow adjusting the preload when mounted inside the rail.

C-Rail is available in zinc plated or in stainless steel AISI304 version. For AISI316, please contact Rollco. Rollers are available in stainless steel AISI440C. The stainless steel version (SXTE) is ideal for applications where water, temperature fluctuations or high temperatures occur.

The system is available in three different sizes, 20, 30 and 45. The rails are available in lengths up to 6 m.

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.

Rollco AB

Box 22234
Ekvändan 17
250 24 Helsingborg
Sweden
Tel. +46 42 15 00 40
www.rollco.se

Rollco A/S

Skomagervej 13 E
7100 Vejle
Denmark
Tel. +45 75 52 26 66
www.rollco.dk

Rollco Oy

Sarankulmankatu 12
33900 Tampere
Finland
Tel. +358 207 57 97 90
www.rollco.fi

Rollco Norge AS

Industrigata 6
3414 Lierstrada
Norway
Tel. +47 32 84 00 34
www.rollco.no

Rollco Taiwan

No. 28, Lane 125, Da-an Road
Shulin District 238
New Taipei City, Taiwan
Tel. +886-2-8687-2726
Fax +886-2-8687-2720
www.rollco-tw.com