

PRODUCT INTRODUCTION

April 2012

Model 115RC Linear Motion Track System

Accuride announces Model 115RC Linear Motion Track System, a new motion solution that may be customized to suit a variety of applications. Comprised of lightweight aluminum tracks and re-circulating ball carriages, this system is a cost-effective solution for projects that require a defined length of travel. The multi-component aspect of the 115RC System provides flexible mounting and installation options, offering potential for a wide variety of applications such as movement and positioning of screens, panels, and boards; or medical apparatus, machinery, and manufacturing equipment.

The Track

Aluminum track available in two lengths: 47" [1.2m] and 94" [2.4m].

The corrosion-resistant track may be cut to the desired length. Multiple lengths of track may be butted together to extend the track the any distance required. The track may be side, flat, or vertically mounted. When flat mounted, the track may be oriented with the ball carriage facing up or down. Vertically mounting is for non-load bearing applications where the slide is used as a guide.

The Carriages

Re-circulating ball carriages in two options: stainless steel ball bearings or polymer ball bearings

The re-circulating ball carriages provide the means for movement and positioning. Multiple carriages may be inserted into tracks. Carriages may be used separately to provide independent movement, combined as a unit, or both methods within one track.

The stainless steel ball carriage offers the highest load rating. The polymer ball carriage is grease-free for clean and maintenance free operation with the added advantage of quiet and smooth movement.

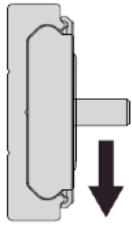
Easy Installation

There are a number of features to make simplify installation of Model 115RC. The tracks have drilling marks for both the fixing holes and end stops. End stops are attached after the carriages are inserted to keep carriages securely within the track. When joining multiple lengths of track, pinning the track ends together provides increased stability.

Load Capacity up to 265 lbs. [120kg]

The load bearing capacity is based on the type and number of carriages with the maximum weight being 265 pounds. Please see the charts below for details. Due to the extensive variety of applications and possible orientations for this product, we recommend that customers first test this product in the intended application. This product is not recommended for high-torque applications. **Note:** Weight should be evenly distributed across the carriage(s).

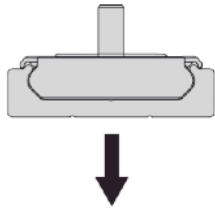
Load Capacity



Side Mount

SS0115-CASSRC	
Stainless Steel Ball Carriage	
x1	110 lbs.
x2	200 lbs.
x3	265 lbs.

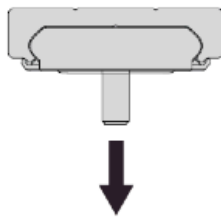
CB0115-CASSRC	
Polymer Ball Carriage	
x1	65 lbs.
x2	120 lbs.
x3	160 lbs.



Flat Mount (carriage up)

SS0115-CASSRC	
Stainless Steel Ball Carriage	
x1	65 lbs.
x2	120 lbs.
x3	155 lbs.

CB0115-CASSRC	
Polymer Ball Carriage	
x1	40 lbs.
x2	70 lbs.
x3	90 lbs.



Flat Mount (carriage down)

SS0115-CASSRC	
Stainless Steel Ball Carriage	
x1	90 lbs.
x2	155 lbs.
x3	200 lbs.

CB0115-CASSRC	
Polymer Ball Carriage	
x1	50 lbs.
x2	90 lbs.
x3	120 lbs.

Components, Part Numbers, and Packaging

Tracks and ball carriages are sold singly. Fasteners are not included with track. Box quantities are indicated below. Each order that includes track will contain **one** technical sheet. For additional technical sheets, contact your Accuride District Sales Manager. Pricing for all components except the Drill Jig may be found on the Accuride Extranet. Please contact your Accuride District Sales Manager to request jig pricing.

Part Number	Description	Packaging
AL0115-0120RC	47" [1.2m] Aluminum track (x1)	5 ea. per box
AL0115-0240RC	94" [1.4m] Aluminum track (x1)	5 ea. per box
SS0115-CASSRC	Carriage – Stainless Steel Balls (x1)	10 ea. per box
CB0115-CASSRC	Carriage – Polymer Balls (x1)	10 ea. per box
AL0115-STOPRC	Aluminum End Stop (1 stop + 2 screws)	20 ea. per box
DZ0115-DJIGRC	Drilling Jig (made to order)	1 ea. per box

Thank you for your continued support. As always, Accuride remains committed to excellence in product design, quality, and service. Your feedback is appreciated.

Sincerely,

Calvin Luce
Director of Distribution Sales