

**TRCA 12 H - 12 - CR - P - L1**

**TWIN RAIL® Carriage Assembly**

**TRCA** - Plate with SLBO, SLBOH, DLBO or DLBOH

**Nominal Bearing Diameter**

8 - 0.500 inch diameter      20 - 1.250 inch dia.  
 10 - 0.625 inch diameter    24 - 1.500 inch dia.  
 12 - 0.750 inch diameter    32 - 2.000 inch dia.  
 16 - 1.000 inch diameter

**Carriage Load Capacity**

- Standard                      **H** - High Capacity

**Carriage Plate Length**

6 - 6 inches                      18 - 18 inches  
 8 - 8 inches                      24 - 24 inches  
 12 - 12 inches                   30 - 30 inches

**Bearing Options**

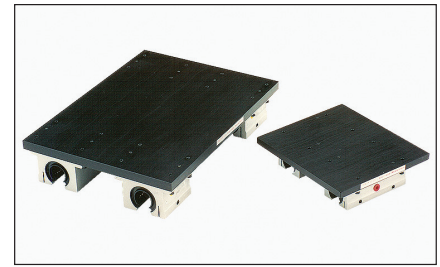
- Standard                      **CR** - Corrosion Resistance

**Carriage Plate Mounting**

- No Holes                      **P** - Pre-Machined Mounting Holes

**Bearing Lock**

- None                              **Lx** - Hand Wheel Locks (x = number of locks - 1, 2, 3 or 4)



## Specifications: TRCA TWIN RAIL® Carriage Assembly

<b>Bearing Housing Type &amp; Finish</b>	Aluminum 6061-T6 Pillow Block, Clear Anodized																
<b>Bearing Seals</b>	Internal Wiper Seals on Both Ends																
<b>Corrosion Resistance</b>	Corrosion Resistant linear bushings and stainless steel mounting hardware																
<b>Hand Wheel Locks</b>	Optional Aluminum Shaft Clamping Blocks																
<b>Carriage Plate Type &amp; Finish</b>	Machined Aluminum 6061-T6 Plate, Black Anodized																
<b>Bearing Alignment on Plate</b>	+/- 0.001", Pillow Blocks Doweled to Carriage Plate																
<b>Carriage Plate Machining</b>	Optional Pre-Machined Mounting Holes																
<b>Operating Temperature</b>	0° F to + 185° F																
<b>Maximum Speed</b>	9.8 ft/second (3m/sec)																
<b>Matching Shaft Assembly</b>	<b>TRSA</b> series																
<b>Diameter Tolerance</b>	<table border="1"> <thead> <tr> <th>Nominal Shaft Diameter (inches)</th> <th>Shaft Diameter Tolerance (inches)</th> </tr> </thead> <tbody> <tr> <td>0.500</td> <td>.4995 / .4990</td> </tr> <tr> <td>0.625</td> <td>.6245 / .6240</td> </tr> <tr> <td>0.750</td> <td>.7495 / .7490</td> </tr> <tr> <td>1.000</td> <td>.9995 / .9990</td> </tr> <tr> <td>1.250</td> <td>1.2495 / 1.2490</td> </tr> <tr> <td>1.500</td> <td>1.4994 / 1.4989</td> </tr> <tr> <td>2.000</td> <td>1.9994 / 1.9987</td> </tr> </tbody> </table>	Nominal Shaft Diameter (inches)	Shaft Diameter Tolerance (inches)	0.500	.4995 / .4990	0.625	.6245 / .6240	0.750	.7495 / .7490	1.000	.9995 / .9990	1.250	1.2495 / 1.2490	1.500	1.4994 / 1.4989	2.000	1.9994 / 1.9987
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Specifications subject to change without notice