

## LRS04 Non-Motorized Linear Rails

- T-slots integrated into exterior rail bottom and sides that accommodate full length support and various mounting options

The non-motorized LRS Linear Rail System consists of a stationary base and a load-bearing carriage that travels along a rigid extruded aluminum rail. Easily allows flexibility to integrate with a variety of motor types, belt and pulley configurations.

Also available with several inline motor options, including a single stack or double stack Size 17 stepper motor, with or without a programmable IDEA™ Drive.

For extreme loads, the LRS04 can be used with CMP or WDG high precision anti-backlash nuts, as well as a freewheeling general purpose nut.



LRS04 Non-Motorized  
Shown with Black Ice™ TFE Coated Lead Screw

Linear Rail Check List

### Identifying the Non-Motorized LRS Part Numbers when Ordering

LR	W	04	B	A	0025	XXX
<b>Prefix</b> LR = Linear Rail System	<b>Frame Style</b> B = BFW Nut C = CMP Nut W = WDG Nut G = Guide only	<b>Frame Size Load</b> 04 = 50 lbs (222 N) (Maximum static load)	<b>Coating</b> S = Uncoated B = Black Ice TFE N = No screw	<b>Drive / Mounting</b> A = None	<b>Nominal Thread Lead Code</b> 0000 = No screw 0025 = 0.25-in (.635) 0031 = 0.3125-in (.794) 0039 = .0394-in (1.0) 0050 = .05-in (1.27) 0063 = .0625-in (1.588) 0079 = 0.079-in (2.0) 0100 = .100-in (2.54) 0125 = 0.125-in (3.175) 0197 = 0.197-in (5.0) 0250 = 0.250-in (6.35) 0394 = 0.3937-in (10.0) 0500 = .500-in (12.70) 0750 = 0.75-in (19.05) 1000 = 1.0-in (25.4)	<b>Unique Identifier</b> Suffix used to identify specific motors or a proprietary suffix assigned to a specific customer application. The identifier can apply to either a standard or custom part.

NOTE: Dashes must be included in Part Number (-) as shown above. For assistance call our Engineering Team at 603 213 6290.

### Dimensional Drawings

