



VEVOR is a leading brand that specializes in equipment and tools. Along with thousands of motivated employees, VEVOR is dedicated to providing our customers with tough equipment & tools at incredibly low prices. Today, VEVOR's products are sold in more than 200 countries and regions with 10 million plus members worldwide.

## SBR Linear Guide Rail

**VEVOR**

### SBR LINEAR GUIDE RAIL

High Precision, Wear Resistance, Low Noise

Thickened Material

Anti-corrosion

High Load-bearing

Multiple Specifications

VEVOR high-quality SBR linear guide rail includes 2 guide rails and 4 slide blocks. The durable aluminum guide rails feature precise hole diameter and distance, while the SBR slide blocks utilize ball bearings for smooth and unobstructed movement.

## Handle Pressure with Ease

### Highly Stable & Non-deformable

Large load-bearing capacity for various heavy machinery and industrial applications

**774 N 80 KG**

Dynamic Load per Block

**1180 N 120 KG**

Static Load per Block

The linear bearing adopts an all-metal structure, and the slide block is tightly locked on the linear shaft, which has a high bearing capacity.

## Smooth Sliding without Stutter

### High Precision Smooth Motion

Built-in ball bearing, Low friction movement

Dust-proof Clip  
Avoid Bearing Contamination

Pre-lubrication  
Ensures Long-term Stable Operation

Chrome Plated Surface  
Fearless of Wet Environment

Aluminum SBR slide block and built-in ball bearings slide smoothly and move more effortlessly to ensure long-term stable operation.

## More Accurate Than Ever

### Precision Details for Accurate Motion

Enhancing Performance with High-Quality Components

Linear Deviation Error  $\leq 80 \mu\text{m} / 1000 \text{mm}$

High Linear Precision Rail

Shaft Roundness Error  $\leq 3 \mu\text{m}$

High Roundness Precision Shaft

Accurately Positioned Mounting Holes

The linear motion guides have accurate hole distance, hole diameter, and standard shaft diameter, allowing you to install your equipment more precisely.

## Broad Usage Scenarios

### Extensive Use

DIY router / lathe / mill sled

DIY trainer rocker plate

CNC Machine

Linear rail kit is widely used in high-load automation equipment and DIY equipment production. For example, DIY CNC engraving machines, lathes, etc.

Dimensions: 59in / 1500mm, 1.3in / 32.2mm, 3.1in / 80mm, 1.2in, 1.3in, 1.8in, 1.8in

Assembly Model :	<b>SBR16-C 1500L</b>
Slide Block Model :	<b>SBR16UU</b>
Guide Rail Length :	<b>59 in / 1500 mm</b>
Shaft Diameter :	<b>Φ 16 mm</b>
Dynamic Load (per block) :	<b>774 N</b>
Static Load (per block) :	<b>1180 N</b>
Net Weight :	<b>15.9 lbs / 7.2 kg</b>
Package Size :	<b>64.2 x 5.1 x 3.1 in</b>
Material :	<b>High Carbon Steel &amp; Aluminum</b>

### Linear Guide Rail for Precision Movement in CNC Router Machines

These rails provide precise and consistent movement for your CNC router machines. They allow for accurate and uniform positioning, essential in detailed and complex projects. The high-carbon steel rail provides both durability and strength. This makes them ideal for both DIY projects and professional applications. The VEVOR rails and blocks work seamlessly together, ensuring efficient and reliable performance. Both rails and blocks can manage both light and heavy loads. Therefore, you can use them on various projects, whether building a router sled or a CNC mill. These rails are built to manage both light-loading applications. Today, we recommend that everyone use these rail systems for precision. These railroads offer accuracy critical for achieving high-quality results, whether you're creating structural utilization or any CNC mill. Also, the rails can be easily installed and adjusted. So, it is user-friendly for all skill levels. Explore the precision and efficiency of VEVOR Linear guide rails for your CNC router machines.

### Sturdy Linear Rails and Bearings Kit for DIY Projects and Automated Machines

These rails are ideal for DIY projects and automated machines. The rail is made from high carbon steel. This ensures they are strong and durable. Also, the aluminum slide blocks are lightweight and

## Specification

Model Number	SBR16-C 1500L	Slide Block Model	SBR16UU
Guide Rail Length	59 in/1500 mm	Shaft Diameter	Φ16 mm
Dynamic Load (per block)	774 N	Static Load (per block)	1180 N
Material	High Carbon Steel & Aluminum	Mounting Hole Distance A	1.3 in/32 mm
Mounting Hole Distance B	1.2 in/30 mm	Slide Block Size(L x W x H)	1.8 x 1.8 x 1.3 in/45 x 45 x 33 mm
Product Dimensions(L x W x H)	59 x 3.1 x 1.3 in/1500 x 80 x 32.2 mm	Package Size(L x W x H)	64.2 x 5.1 x 3.1 in/1630 x 130 x 80 mm
Net Weight	15.9 lbs/7.2 kg		