



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.

Assembly Model :	SBR16-C 1000L
Slide Block Model :	SBR16UU
Guide Rail Length :	39.4 in / 1000 mm
Shaft Diameter :	Φ 16 mm
Dynamic Load (per block) :	774 N
Static Load (per block) :	1180 N
Net Weight :	11.5 lbs / 5.2 kg
Package Size :	43.3 x 5.1 x 3.1 in
Material :	High Carbon Steel & Aluminum

Linear Guide Rail Perfect for CNC Router Machines

This is why these VEVOR linear guide rails are ideal for your CNC router projects. Made with high-carbon steel, they offer durability and precision. The SBR16 Guiderails have a 1000-mm-long base that provides eloquent and accurate movement. They make your projects easier and more efficient. These rails support dynamic loads of up to 774 N per block. This feature makes them ideal for heavy-duty applications. You can trust these railings to support your router and provide stable guidance. Whether you're a hobbyist or professional, these rails meet your needs. They are easy to install and work perfectly with the included slide blocks. Upgrade your routing setup using these reliable guide rails.

High Precision Linear Rails and Bearings Kit

For your projects, the SBR16UU slide blocks in this linear rails and bearings kit provide high precision. The kit includes everything you need for a seamless setup. Achieve professional results with this high-precision kit. These features smooth sailing along the SCR16 guide rails. This ensures accurate and repeatable positioning. High carbon steel rails are straight and true, providing minimal deflection. The slide blocks are made from durable aluminum. There are adjustable grooves that allow them to fine-tune the fit. Precision makes them ideal for detailed work. You can trust these rails.

Specification

Model Number	SBR16-C 1000L	Slide Block Model	SBR16UU
Guide Rail Length	39.4 in/1000 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)	39.4 x 3.5 x 1.8 in/1000 x 90 x 45 mm	Package Size(L x W x H)	43.3 x 5.1 x 3.1 in/1100 x 130 x 80 mm
Net Weight	11.5 lbs/5.2 kg	Manual	Download Link