



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

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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

980 N 100 KG

Dynamic Load per Block

1570 N 160 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 ≤ 80 μm / 1000 mm

High Linear Precision Rail

Shaft Roundness Error ≤ 3 μm

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.

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| | |
|----------------------------|------------------------------|
| Assembly Model : | SBR25-C 1200L |
| Slide Block Model : | SBR25UU |
| Guide Rail Length : | 47.2 in / 1200 mm |
| Shaft Diameter : | Φ 25 mm |
| Dynamic Load (per block) : | 980 N |
| Static Load (per block) : | 1570 N |
| Net Weight : | 28.9 lbs / 13.1 kg |
| Package Size : | 52.8 x 5.5 x 3.5 in |
| Material : | High Carbon Steel & Aluminum |

Linear Guide Rail for Precision in CNC Router Machines
The VEVOR linear guide rail set offers unmatched precision for your CNC router machines. It features high-carbon steel and aluminum rails that ensure smooth and accurate movement. Ideal for DIY projects and automated machines, it provides dynamic load support of up to 980 N per block. This makes it ideal for heavy-duty applications. Their smooth operation ensures consistent performance across all of your projects. Upgrade your machinery with these reliable guide rails for enhanced accuracy and efficiency.

Sturdy and Durable SBR25 Guide Rails for Long-lasting Use
The SB25 guide rails are built to last. Made from high-carbon steel, they provide exceptional strength and durability. These rails can handle heavy loads without bending or warping. With a shaft diameter of 25 mm, these rails offer robust support for your projects. Whether you're working on a DIY project or building automated machines, this rail will stand the test of time. Their sturdy construction ensures that they can withstand the rigors of frequent use. Invest in these reliable rails for long-lasting performance.

~ See More

Specification

| | | | |
|-------------------------------|--|-----------------------------|--|
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| Guide Rail Length | 47.2 in/1200 mm | Shaft Diameter | Φ25 mm |
| Dynamic Load (per block) | 980 N | Static Load (per block) | 1570 N |
| Material | High Carbon Steel & Aluminum | Mounting Hole Distance A | 1.6 in/40 mm |
| Mounting Hole Distance B | 1.6 in/40 mm | Slide Block Size(L x W x H) | 2.6 x 2.4 x 1.9 in/65 x 60 x 47 mm |
| Product Dimensions(L x W x H) | 47.2 x 4.3 x 2.3 in/1200 x 110 x 58.5 mm | Package Size(L x W x H) | 52.8 x 5.5 x 3.5 in/1340 x 140 x 90 mm |
| Net Weight | 28.9 lbs/13.1 kg | Manual | Download Link |