

## Features

### WE Series

- 4-row recirculating ball bearing guide
- 45° contact angle of the ball tracks
- High torque capacity
- Low assembly height

## RS PRO Linear Guide Blocks

RS Stock No.: 0360883



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## Product Description

### Features of WE Series:

- The WE series features equal load ratings in the radial, reverse radial and the lateral direction with contact points at 45 degrees. This along with the wide rail, allows the guideway to be rated for high loads, moments and rigidity. By design, it has a self-aligning capacity that can absorb most installation errors and can meet high accuracy standards. The ability to use a single rail and to have the low profile with a low centre of gravity is ideal where space is limited and/or high moments are required.

### Advantages:

- Compact and economical design caused by high torque capacity
- High efficiency due to low frictional losses
- The large mounting surface of the block supports the transmission of higher torques
- High load capacity in all directions by contact points at 45°

### Typical Applications:

- Automation devices
- High-speed transportation equipment
- Precision measuring equipment
- Semiconductor manufacturing equipment
- Blow moulding machines
- Single axis robot-robotics
- Single axis equipment with high anti-rolling requirement

## General Specifications

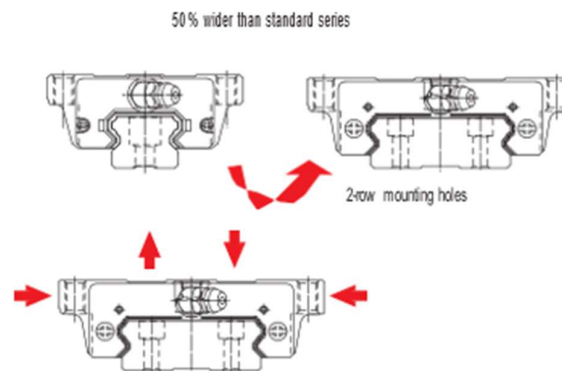
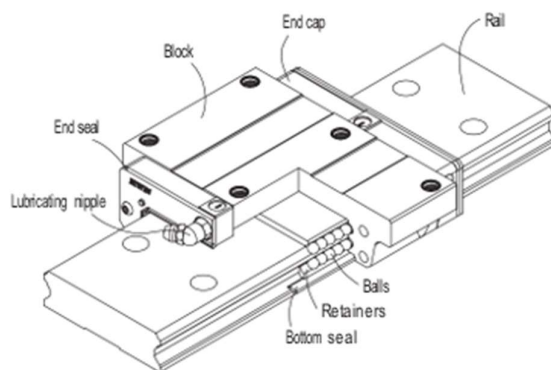
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|---------------------|---------------------|
| Manufacturer Series | WEH                 |
| Model Type          | WEH-CA              |
| Type                | Interchangeable     |
| Block Type          | Square Type         |
| Preload Type        | Very Light Preload  |
| Load Type           | Heavy Load          |
| Block Mounting Type | Mounting From Top   |
| Accuracy Class      | H - High            |
| Material            | Carbon Steel        |
| Dust Protection     | Standard Protection |

## Mechanical Specifications

|                     |        |
|---------------------|--------|
| For Rail Width      | 27mm   |
| Carriage Width      | 62mm   |
| Carriage Length     | 72.8mm |
| Size                | 27mm   |
| Dynamic Load Rating | 12.4kN |
| Static Load Rating  | 21.6kN |

## Construction

### Construction of RG Series



- 4-row recirculating ball bearing guide
- 45° contact angle of the ball tracks
- The ball retainers prevent the balls from falling out when the carriage is removed
- Lower assembly height
- Wide guideway for high torque capacity
- Large mounting surface on the block

**\*\*\* Please see our complete RS PRO WE Series product guide for detailed specifications**