

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.: 0360884



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

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

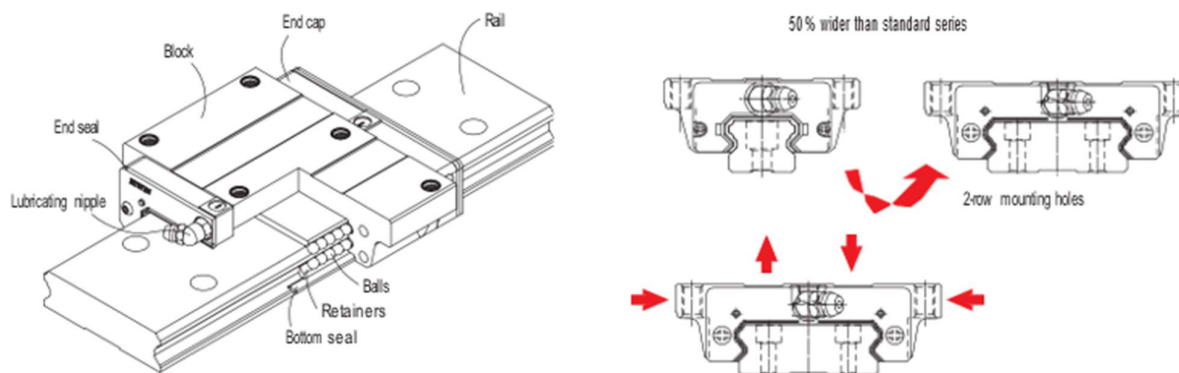
Manufacturer Series	WEW
Model Type	WEW-CC
Type	Interchangeable
Block Type	Flange Type
Preload Type	Very Light Preload
Load Type	Heavy Load
Block Mounting Type	Top or Bottom
Accuracy Class	H - High
Material	Carbon Steel
Dust Protection	Standard Protection

Mechanical Specifications

For Rail Width	27mm
Carriage Width	80mm
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