

## Features

### HG Series

- 4-row recirculating ball bearing guide
- 45° contact angle of the ball tracks
- High load capacity in all installation positions
- High rigidity

## RS PRO Linear Guide Rails

RS Stock No.: 0345433



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.

**Features of HG Series:**

- Four ball tracks are designed for loads and a rigidity that is more than 30 % higher than for similar products. This is due to the optimization of the ball track and the recirculating ball system. Low friction forces and high efficiency are additional features of the HG series. The ball retainers prevent the balls from falling out when pulled from the rail during installation of the carriages. The interchangeable models are more user friendly, as the block and rail can be replaced freely

**Advantages:**

- Free of play
- Replaceable
- High precision
- High load ratings and rigidity in all directions
- Low friction losses even with preload by optimized ball tracks and 2-point contact

**Main Applications:**

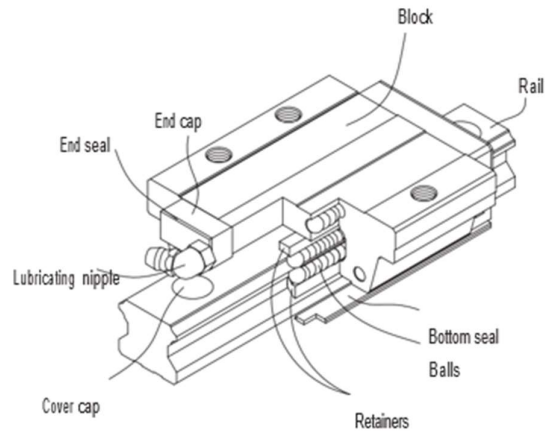
- Machining centres.
- NC lathes
- Grinders
- Precision milling
- High-performance cutting machinery
- Automation technology
- Transportation technology
- Measuring technology
- Machines and devices requiring a high level of positioning accuracy

## General Specifications

Manufacturer Series	HG
Model Type	HGR-T
Type	Interchangeable
Mounting	Mounting From Bottom
Rail Length	1000mm
Rail Width	20mm
Material	Carbon Steel
Size	20mm
Accuracy Class	H-High

## Construction

### Construction of HG 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.
- Different sealing variants, depending on application area.
- Six connection options for grease nipples or grease adapters

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