



Linear Guide Blocks

RS PRO Linear Guide Blocks

RS Stock No.: 0360825



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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

Product Description

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

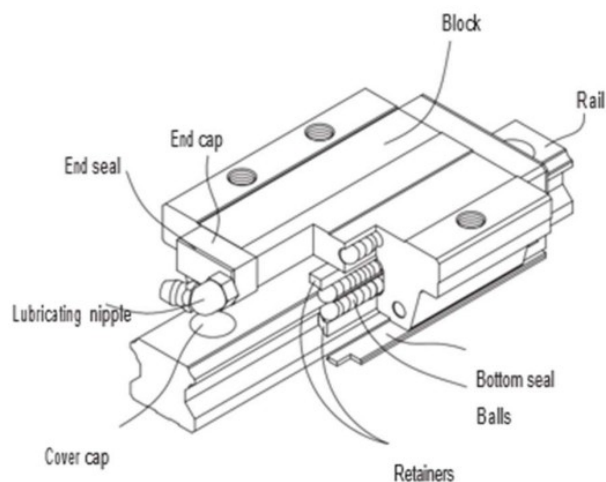
Manufacturer Series	HGH
Model Type	HGH-CA
Type	Interchangeable
Block Type	Square Type
Preload Type	Light Preload
Load Type	Heavy Load
Block Mounting Type	Mounting From Top
Accuracy Class	C – Normal
Material	Carbon Steel
Dust Protection	Standard Protection

Mechanical Specifications

For Rail Width	20mm
Carriage Width	44mm
Carriage Length	77.5mm
Size	20mm
Dynamic Load Rating	27.1kN
Static Load Rating	36.68kN

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

Buy this product from www.rspro.com



Documents / Resources



[RS PRO HGH-CA Linear Blocks \[pdf\]](#) User Guide
HGH-CA, HGH-CA Linear Blocks, Linear Blocks, Blocks

References

- [User Manual](#)

RS PRO Blocks, HGH-CA, HGH-CA Linear Blocks, Linear Blocks, RS PRO

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