

Products Introduction

MR Miniature Linear Guide Series



- High load, high moment function
- Unique ball re-circulation design
- Embedded inverse hook design
- Precision MR Miniature Linear Guide series have three accuracy options for design choice. There are Precision(P)、High(H)、Normal(N).
- Material MR Miniature linear Guides series regardless of rail, Steel body of carriage or ball, all are made with heated treated stainless steel.
- Steel plate reinforcement design
- Dust proof design
- Lubrication storage design

MR..EE Series: Stainless Steel Reinforcement Plates Produces High Performance

The block is fully covered by two stainless steel plates over the two plastic end caps.

The addition of the steel plates reinforces the internal plastic structure and gives it much more rigidity. It allows the block to operate at much higher running speeds; up to 5 m/s.

The design maintains minimal clearance between the stainless steel plates and the rail. The plates stainless steel act as both structural reinforcement and as a scraper.

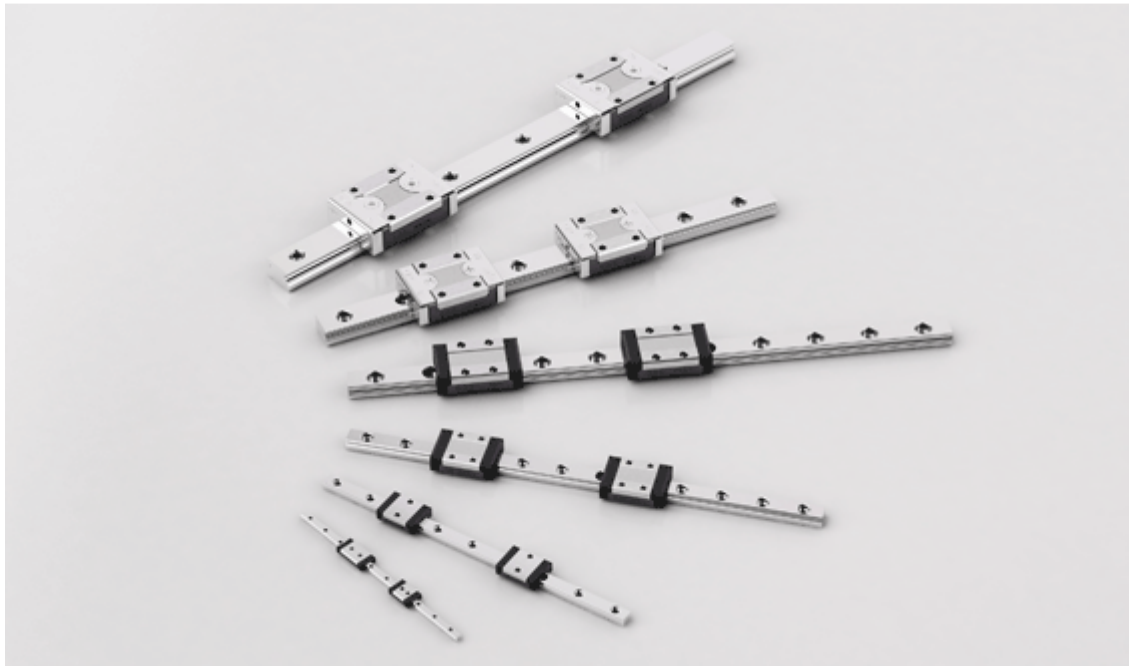


MR..ZZ Series: Ecological Lubricant Storage Design

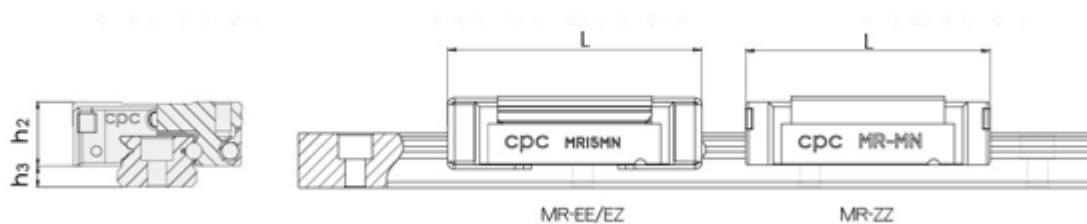
Lubrication is applied through two oil-injection holes located on either end of the block. When injected, the lubricant passes through the hole and over the

stainless steel balls. The recirculation movement of the balls then transfers the lubricant onto the rail profile.

Most recently designed **cpc** MR..ZZ blocks features embedded lubrication pads; this significantly lengthens the interval between re-lubrication, thus reducing maintenance costs.



Size(Model Code): MR 3MN . MR 3ML . MR 5MN . MR 5ML . MR 7MN . MR 7ML .MR 9MN . MR 9ML MR 12MN . MR 12ML . MR 12ML EE .MR 15MN . MR 15MN EE. MR 15ML . MR 15ML EE .



MR-EE

Stainless Steel Reinforcement Plates Series

| Model Code and Specification | h2 | L | h3 |
|------------------------------|------|------|-----|
| MR 15ML EE | 12.8 | 61.6 | 3.2 |
| MR 15MN EE | 12.8 | 44.6 | 3.2 |
| MR 12ML EE | 10.7 | 49 | 2.3 |
| MR 12MN EE | 10.7 | 36.8 | 2.3 |
| MR 15WL EE | 12.8 | 76 | 3.2 |
| MR 15WN EE | 12.8 | 56.9 | 3.2 |
| MR 12WL EE | 10.7 | 60.8 | 3.3 |
| MR 12WN EE | 10.7 | 45.9 | 3.3 |

MR-EZ

Stainless Steel Reinforcement Plates + Ecological Lubricant Storage Series

| Model Code and Specification | h2 | L | h3 |
|------------------------------|------|------|-----|
| MR 15ML EZ | 12.8 | 61.6 | 3.2 |
| MR 15MN EZ | 12.8 | 44.6 | 3.2 |
| MR 12ML EZ | 10.7 | 49 | 2.3 |
| MR 12MN EZ | 10.7 | 36.8 | 2.3 |
| MR15WL EZ | 12.8 | 76 | 3.2 |
| MR15WN EZ | 12.8 | 56.9 | 3.2 |
| MR12WL EZ | 10.7 | 60.8 | 3.3 |
| MR12WN EZ | 10.7 | 45.9 | 3.3 |

Please refer to catalog for detail specifications and dimensions.

MR-ZZ

Ecological Lubricant Storage Series

| Model Code and Specification | h2 | L | h3 |
|------------------------------|-----|------|-----|
| MR 15ML ZZ | 12 | 60 | 4 |
| MR 15MN ZZ | 12 | 43 | 4 |
| MR 12ML ZZ | 10 | 47.6 | 3 |
| MR 12MN ZZ | 10 | 35.4 | 3 |
| MR 9ML ZZ | 7.8 | 40.9 | 2.2 |
| MR 9MN ZZ | 7.8 | 30.8 | 2.2 |
| MR 7ML ZZ | 6.5 | 31.2 | 1.5 |
| MR 7MN ZZ | 6.5 | 23.7 | 1.5 |
| MR 15WL ZZ | 12 | 74.4 | 4 |
| MR 15WN ZZ | 12 | 55.3 | 4 |
| MR 12WL ZZ | 10 | 59.4 | 4 |
| MR 12WN ZZ | 10 | 44.5 | 4 |
| MR 9WL ZZ | 8.6 | 50.7 | 3.4 |
| MR 9WN ZZ | 8.6 | 39 | 3.4 |