

THK Caged Ball LM Guide Model SSR

Precautions on use

● Handling

- Disassembling components may cause dust to enter the system or degrade mounting accuracy of parts. Do not disassemble the product.
- Tilting an LM block or LM rail may cause them to fall by their own weight.
- Dropping or hitting the LM Guide may damage it. Giving an impact to the LM Guide could also cause damage to its function even if the guide looks intact.

● Lubrication

- Thoroughly remove anti-corrosion oil and feed lubricant before using the product.
- Do not mix lubricants of different physical properties.
- In locations exposed to constant vibrations or in special environments such as clean rooms, vacuum and low/high temperature, normal lubricants may not be used. Contact THK for details.
- When planning to use a special lubricant, contact THK before using it.
- When adopting oil lubrication, the lubricant may not be distributed throughout the LM system depending on the mounting orientation of the system. Contact THK for details.
- Lubrication interval varies according to the service conditions. Contact THK for details.

● Precautions on Use

- Entrance of foreign matter may cause damage to the ball circulating path or functional loss. Prevent foreign matter, such as dust or cutting chips, from entering the system.
- When planning to use the LM system in an environment where coolant penetrates the LM block, it may cause trouble to product functions depending on the type of coolant. Contact THK for details.
- Do not use the LM system at temperature of 80°C or higher. When desiring to use the system at temperature of 80°C or higher, contact THK in advance.
- If foreign matter adheres to the LM system, replenish the lubricant after cleaning the product. For available types of detergent, contact THK.
- When using the LM Guide with an inverted mount, breakage of the endplate due to an accident or the like may cause balls to fall out and the LM block to come off from the LM rail and fall. In these cases, take preventive measures such as adding a safety mechanism for preventing such falls.
- When using the LM system in locations exposed to constant vibrations or in special environments such as clean rooms, vacuum and low/high temperature, contact THK in advance.
- When removing the LM block from the LM rail and then replacing the block, an LM block mounting/removing jig that facilitates such installation is available. Contact THK for details.

● Storage

- When storing the LM Guide, enclose it in a package designated by THK and store it in a horizontal orientation while avoiding high temperature, low temperature and high humidity.

● “LM GUIDE” and “” are registered trademarks of THK CO., LTD.

- The photo may differ slightly in appearance from the actual product.
 - The appearance and specifications of the product are subject to change without notice. Contact THK before placing an order.
 - Although great care has been taken in the production of this catalog, THK will not take any responsibility for damage resulting from typographical errors or omissions.
 - For the export of our products or technologies and for the sale for exports, THK in principle complies with the foreign exchange law and the Foreign Exchange and Foreign Trade Control Law as well as other relevant laws.
- For export of THK products as single items, contact THK in advance.

All rights reserved

THK CO., LTD.

HEAD OFFICE 3-11-6, NISHI-GOTANDA, SHINAGAWA-KU, TOKYO 141-8503 JAPAN
INTERNATIONAL SALES DEPARTMENT PHONE:+81-3-5434-0351 FAX:+81-3-5434-0353
Global site : <http://www.thk.com/>

NORTH AMERICA

THK America, Inc.

● HEADQUARTERS

Phone:+1-847-310-1111 Fax:+1-847-310-1271

● CHICAGO OFFICE

Phone:+1-847-310-1111 Fax:+1-847-310-1182

● NEW YORK OFFICE

Phone:+1-845-369-4035 Fax:+1-845-369-4909

● ATLANTA OFFICE

Phone:+1-770-840-7990 Fax:+1-770-840-7897

● LOS ANGELES OFFICE

Phone:+1-949-955-3145 Fax:+1-949-955-3149

● SAN FRANCISCO OFFICE

Phone:+1-925-455-8948 Fax:+1-925-455-8965

● BOSTON OFFICE

Phone:+1-781-575-1151 Fax:+1-781-575-9295

● DETROIT OFFICE

Phone:+1-248-858-9330 Fax:+1-248-858-9455

● TORONTO OFFICE

Phone:+1-905-820-7800 Fax:+1-905-820-7811

SOUTH AMERICA

THK Brasil LTDA

Phone:+55-11-3767-0100 Fax:+55-11-3767-0101

EUROPE

THK GmbH

● EUROPEAN HEADQUARTERS

Phone:+49-2102-7425-0 Fax:+49-2102-7425-217

● DÜSSELDORF OFFICE

Phone:+49-2102-7425-0 Fax:+49-2102-7425-299

● FRANKFURT OFFICE

Phone:+49-2102-7425-650 Fax:+49-2102-7425-699

● STUTTGART OFFICE

Phone:+49-7150-9199-0 Fax:+49-7150-9199-888

● MÜNCHEN OFFICE

Phone:+49-8937-0616-0 Fax:+49-8937-0616-26

● U.K. OFFICE

Phone:+44-1908-30-3050 Fax:+44-1908-30-3070

● ITALY MILANO OFFICE

Phone:+39-039-284-2079 Fax:+39-039-284-2527

● ITALY BOLOGNA OFFICE

Phone:+39-051-641-2211 Fax:+39-051-641-2230

● SWEDEN OFFICE

Phone:+46-8-445-7630 Fax:+46-8-445-7639

● AUSTRIA OFFICE

Phone:+43-7229-51400 Fax:+43-7229-51400-79

● SPAIN OFFICE

Phone:+34-93-652-5740 Fax:+34-93-652-5746

● TURKEY OFFICE

Phone:+90-216-362-4050 Fax:+90-216-569-7150

THK France S.A.S.

Phone:+33-4-3749-1400 Fax:+33-4-3749-1401

CHINA

THK (CHINA) CO., LTD.

● HEADQUARTERS

Phone:+86-411-8733-7111 Fax:+86-411-8733-7000

● SHANGHAI OFFICE

Phone:+86-21-6219-3000 Fax:+86-21-6219-9890

● BEIJING OFFICE

Phone:+86-10-8441-7277 Fax:+86-10-6590-3557

● CHENGDU OFFICE

Phone:+86-28-8526-8025 Fax:+86-28-8525-6357

● GUANGZHOU OFFICE

Phone:+86-20-8333-9770 Fax:+86-20-8333-9726

THK (SHANGHAI) CO., LTD.

Phone:+86-21-6275-5280 Fax:+86-21-6219-9890

TAIWAN

THK TAIWAN CO., LTD.

● TAIPEI HEAD OFFICE

Phone:+886-2-2888-3818 Fax:+886-2-2888-3819

● TAICHUNG OFFICE

Phone:+886-4-2359-1505 Fax:+886-4-2359-1506

● TAINAN OFFICE

Phone:+886-6-289-7668 Fax:+886-6-289-7669

KOREA

SEOUL REPRESENTATIVE OFFICE

Phone:+82-2-3468-4351 Fax:+82-2-3468-4353

SINGAPORE

THK LM SYSTEM Pte. Ltd.

Phone:+65-6884-5500 Fax:+65-6884-5550

INDIA

BANGALORE REPRESENTATIVE OFFICE

Phone:+91-80-2330-1524 Fax:+91-80-2314-8226