NSK Linear Guides™
Roller Guide RB Series

Super low-profile series enables compact design for machines

Features

1. Super low-profile roller guides
   Effective in enabling compact machine design due to its low mounting height.

2. Load capacity of some of the highest levels in the world
   Low center of gravity is achieved while maintaining the load capacity of roller guide RA series.

3. Smooth motion by use of retaining pieces
   Installation of a retaining piece between rollers restrains the roller skew peculiar to roller slides, thereby achieving smooth motion.

4. Interchangeable mounting dimensions against conventional super low-profile ball guides
   Roller guide RB series can be used without having to alter machine design.

5. Maintenance free
   Installing an NSK K1 lubrication unit assures long-term, maintenance free operation.
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■ Square type (Tapped mounting holes)

High-load type : RB-AL, TL
Super high-load type : RB-BL, UL

■ Flange type
(for both tapped and bolt mounting holes)

High-load type : RB-EM
Super high-load type : RB-GM

*The arrangement of roller slide mounting holes of RB35AL and TL differs from that of BL and UL.
*The arrangement of roller slide mounting holes of RB65BL and UL differs from that of others.

■ Reference number

Example : RB35 1000 AL C 2 - K K P5 3 - I

1 2 3 4 5 6 7 8 9
Model No. Rail length (mm) Design number Number of roller slides per rail
See dimensions table

For more information about NSK products, please contact: www.nsk.com