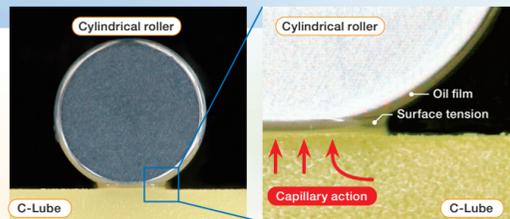


IKO Technology

High Quality, High Performance products manufactured by **IKO**
IKO Unique and Innovative Technology:

C-Lube Technology

"C-Lube", **IKO**'s innovative and unique lubrication system which utilizes the capillary action of the lubricant can significantly reduce the amount of lubricant required and provide effective maintenance free performance. All **IKO** "C-Lube" products impact the environmental minimally and guarantee superior reliability.



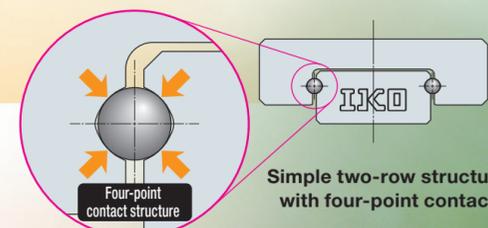
Interchangeability

IKO's unique high precision machining technology and strict dimensional management of slide units and track rails make most linear guides available as interchangeable units. Mixing and matching rails and slide units allow for easy installation and maintenance while maintaining rigidity and accuracy.



Compact Design

Simple structure and proprietary miniature technology result in assemblies with the smallest footprint. Even our extremely small products feature **IKO**'s signature high quality and high performance.



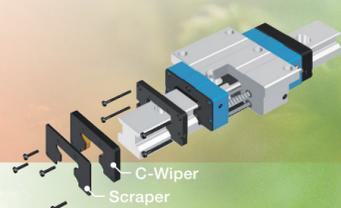
Roller Technology

In comparison with ball-type bearings, rollers experience minimal elastic deformation when under load. **IKO** linear rolling guides take advantage of these characteristics and combine smooth operation with high reliability, high rigidity, and high accuracy.

[Roller type] MXG45	[Ball type] MHG45
Same size	
$C = 124\,000\text{ N}$ $C_0 = 223\,000\text{ N}$	$C = 95\,200\text{ N}$ $C_0 = 114\,000\text{ N}$
C = Basic dynamic load rating C_0 = Basic static load rating	

Contamination Protection

IKO offers many options for protection from contamination such as wipers, metallic scrapers, underseals and double seals.



Miniature Linear Ways

IKO Micro linear way combines superior rigidity and accuracy in a miniature package. A wide variety of track rail widths (from as small as 1mm) are available for even the most demanding micro positioning mechanisms.



IKO

Innovation, Know-how & Originality

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IKO

experts in
MOTION





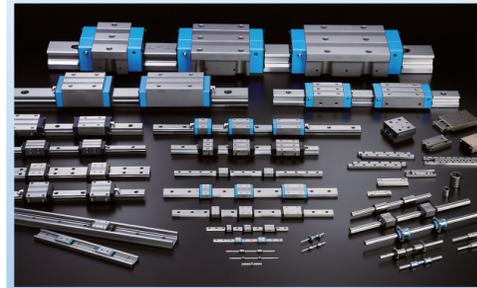
Nippon Thompson Co., Ltd. is proud to be recognized as a leader in sustainability and environmental protection. We are committed to developing products that make our customer's machinery and equipment more reliable, thereby protecting the environment from unnecessary waste.

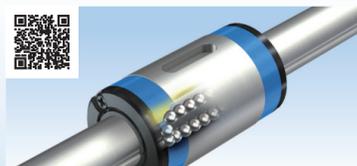
Innovative **IKO** products like "C-Lube" and our ISO14001 certification can be seen as prime examples of our commitment to minimize our impact on the global environment.



Linear Motion Rolling Guide Series

A broad line-up of Linear Motion Rolling Guides, ranging from 1mm to 85mm in rail size.

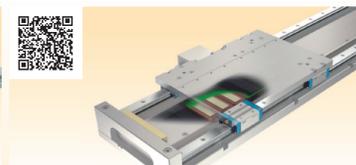
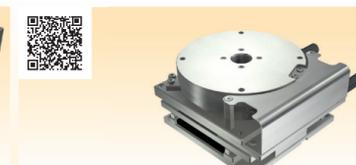


  ML / LWL Miniature Type C-Lube Linear Way	  MX / LRX C-Lube Linear Roller Way	  MAG / LSAG C-Lube Linear Ball Spline	  CRW(G) / CRWU(G) Crossed Roller Way	  CRWU...R(S) Crossed Roller Way Unit	  CRWM Module Type Crossed Roller Way
  ME / LWL MH / LWH C-Lube Linear Way	  MV Compact C-Lube Linear Way with High Load Capacity	  MUL / LWU C-Lube Linear Way with U-Shaped Track Rail	  BWU High Rigidity Precision Ball Slide	  BSP / BSPG Precision Linear Slide	  STSI Miniature Stroke Rotary Bushing

Precision Positioning Table Series

Integrating precision movement with linear motors and encoders to ensure high accuracy positioning.

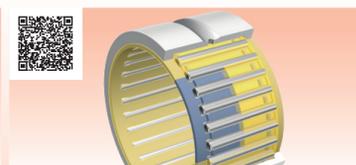
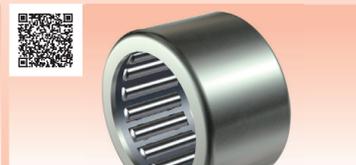


  TE Low Profile Positioning Table	  TU Standard Precision Positioning Table	  NT Ultra-compact Linear Motor Table	  LT Long Stroke Linear Motor Table	  TSL...M Long Stroke Precision Positioning Table	  SA...DE Linear Motor Rotary Table
  TM Miniature Table	  TX...M High Rigidity Precision Positioning Table	  TC...E Cleanroom Precision Positioning Table	  CTLH High Rigidity X-Y Stage	  TZ Precision Elevating Table	  Ball Screws High-Performance Precision Ball Screw

Needle Roller Bearing Series

Needle roller bearings are small and lightweight, with high load capacities that support rotational axes.



  CF...WB.../SG C-Lube Cam Follower	  CF / CFKR Standard Cam Follower	  CRBF Crossed Roller Bearings with Mounting Holes	  TAF.../SG C-Lube Bearings	  NART Non-separable Roller Followers	  KT Needle Roller Cages
  POS / PHS Rod End / Pilloball	  GE / SBB Spherical Bushing	  CRB / CRBH / CRBS / CRBT Cross Roller Bearing	  TA / BR / RNA Machined and Shell-type Needle Bearing	  NTB Thrust Needle Roller Bearings	  NAX Combined Type Needle Roller Bearings